GRADUATE AND UNDERGRADUATE

PROSPECTUS 2020-21

Sukkur IBA University

Merit - Quality - Excellence

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Vice Chancellor's Message

Sukkur IBA University is one of the Leading educational Institutions of Pakistan which is mobilizing all its resources to impart quality education with innovative teaching and applied research of global excellence.

Our purpose is to produce employable graduates with high moral and ethical values. We at Sukkur IBA University are putting best efforts to raise the standard of education by imparting internationally accredited education at its state-of-the-art campus. We are focused to produce leaders and competent graduates by exploiting the untapped talent of rural Pakistan.

We are also giving due importance to the innovation and continuous improvement in our teaching and administration to stay abreast with all modern changes taking place nationally and internationally. We are using case-based teaching methodology as an integral part of our teaching to impart analytical and decision-making ability among students. We are also using latest information systems to carry out all operations smoothly and transparently.

We have initiated new academic programs which are demanded by industry and are need of society including BBA Agribusiness, MS program in Applied Mathematics, Bachelors and Associate degrees in Education and Physical Education & Sports Sciences. All our plans and strategies can never work until we develop capacity of our faculty which will ultimately train young minds, keeping this in view we are giving utmost importance to faculty development. Currently, more than 91 faculty members are sponsored by Sukkur IBA University to pursue MS Leading to PhD programs in the best universities of the world. We have more than 76 PhD qualified faculty members at main campus.

We strongly believe that no any mind should be deprived of education due to financial constraint. Therefore, we have generous funding for scholarships/financial aid. Almost 70% students on campus are getting financial assistance under various scholarship schemes.

On behalf of Sukkur IBA, I welcome the readers of this prospectus which depicts all the information of academic programs and guidance to the candidates desiring to start an academic career with us.

Prof. Nisar Ahmed Siddiqui
Vice Chancellor

MILESTONE

S.No.	Years	Activities
1	1994	- Conceptualization of Quality Education Institute
2	1994-95	- Started with only two rooms in Public School, Sukkur.
3	1995	- Affiliated with IBA Karachi
4	2000	- Shifted to its own Building "State-of-the-Art Campus"
5	2001	- GEM School Agreement with Microsoft
6	2002	- MSDNAA (Microsoft Digital Network Academic Alliance) Strategic Partner of Microsoft
7	2004	- Digital Computer Laboratories
8	2006	- Got Chartered from Govt: of Sindh & HEC recognition - Foundation Semester Program Started
9	2007	- MoU signed with Glasgow Caledonian University, UK - Simon Fraser University, KENT University, UK, AIT Thailand - University of British Columbia, Canada - Inauguration of Auditorium - Initiated BE (Telecommunication Engg.) & BS (Computer Science) Programs
10	2008	- Initiated Campus Management System - Software and CISCO Local Academy - Video Conferencing Setup
11	2009	- Started Campus-II - Oracle Academy - Started MS & PhD Program - BE-Electrical Engineering (Telecommunication Specialization)
12	2010	- HEC-NCEAC awarded the highest category "W" to Sukkur IBA's Computer Science Program - Membership of AACSB - Quality Enhancement Cell - Establishment of IBA Community Colleges - Career Development Center (CDC) - Campus Management Solution (CMS) - Learning Management System (LMS)
13	2011	- Office of Research, Innovation and Commercialization (ORIC)
14	2012	- Establishment of Department of Education - Establishment of Trade Center - Establishment of Center for Entrepreneurial Leadership and Business Incubation - Sukkur IBA Ranked as 4th Best Business School in Pakistan by HEC - Electronics Specialization added in BE-Electrical Engineering
15	2013	- Ranked as 3rd Best Institute of Pakistan - Inaugurated New Building of Knowledge Center - Inaugurated New Administration Block - Awarded as first "Green Campus Certification' by WWF Pakistan
16	2014	- Establishment of Executive Development Center (EDC) - BE-Energy Systems Engineering (Renewable) launched Computer Systems & Power Specializations added in BE-Electrical Engineering - BBA Agribusiness and BS Accounting & Finance Launched
17	2015	- Establishment of IBA Community College Ubauro - Establishment of IBA Community College Ghotki - Student Exchange Program with Wuhan Technology University China - Adapting Vocational Training Center Khairpur - Adaption of IT Centers in District Khairpur Mirs - Establishment of Sukkur IBA Testing Services (STS)
18	2016	- Student Exchange Program with Sapienza University Rome Italy - ME Programs in Renewable Energy System and Communication and Electronics Launched - PhD in Mathematics Launched - Starting OGDCL National Talent Hunt Program (NTHP) on country level - Inauguration of Sukkur IBA Campus-II - Organizing 1st International Conference on Business, Economics and Education Management (ICBEM) - 1st International Women in Mathematics Symposium - MoU with Sapienza University Italy
19	2017	- MoU with MIT's FAB Foundation to establish FABLab - Sindh Assembly passed Sukkur IBA University bill
20	2018	- Establishment of FAB Lab - Establishment of Behavioral Lab - Establishment of Block Chain Innovation Center - Establishment of Dept. of Physical Education and Sport Sciences
21	2019	- Establishment of CRAIB - Management of Public School Hyderabad handed over to SIBAU
22	2020	- MoU signed with Engro-Thar Foundation

VISION

"To become a world class university in the fields of Management Sciences, Information Technology, Engineering, Education and Mathematics"

MISSION

The mission of Sukkur IBA is to contribute and **serve community** by imparting knowledge through innovative teaching and applied research at the global levels of excellence. We aim to establish and sustain a competitive meritorious environment by strengthening faculty and using state-of-the-art technology to produce graduates with analytical & creative thinking, leadership skills and entrepreneurial spirit, who possess global outlook and are conscious of ethical values.

SUKKUR: The Historical City

Sukkur is a city of rich culture and traditions of Sindh with a life of peace and tranquility peace. It is a trading hub with geographic advantage of its location connecting Sindh, Punjab and Baluchistan. History of Sukkur is as old as advent of Islam in the subcontinent through Sindh. *Rohri* and *Arore* are old historical cities and parts of Sukkur's geography. Historical landmarks as well as architecture of Sukkur are hallmark of its cultural richness.

Historical Landmarks of Sukkur

Sukkur has several historical places and old architecture which has been the center of attention of public as well as historians, some of them are given below.

Minaret of Mir Masoom Shah

The Minaret is located in the heart of the city. While standing at the top the minaret, one can see the view of the whole city. The minaret has about 26 meters circumference and has 84 steps that lead to the top. The work on this unique minaret started in 1003 Hijri and it was completed in 1027 Hijri. Syed Mir Masoom Shah Alias Nizamuddin S/O Syed Safa Al-tirmizi belonged to the Masoomi Saadat family; he was a literary person and the lord of Akbar's Darbar. He built this minaret and constructed many other buildings and mosques in *Sukkur* and *Rohri*.
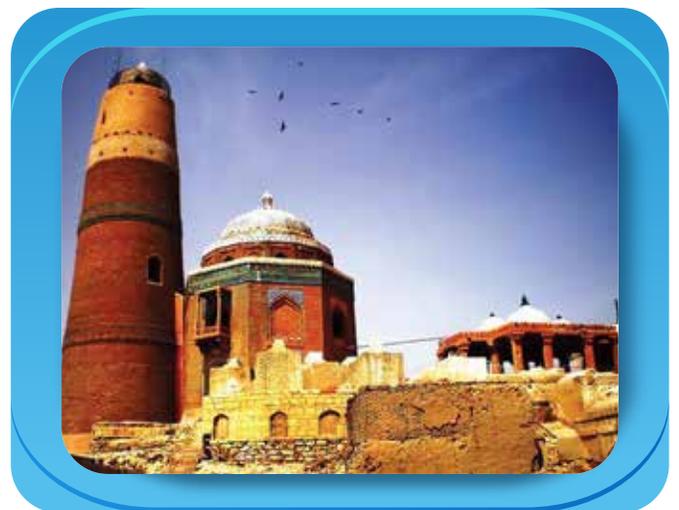
Ayub Bridge

This beautifully attractive steel bridge was designed by the American Engineer Dr. Stainman; the foundation stone was laid on 26th November 1959. The bridge was opened for the public on 1st December 1961; Field Marshal Ayub inaugurated the bridge. The bridge is unique in its design and structure.

Lansdowne Bridge

This magnificent and heavy iron bridge is the oldest bridge of Sukkur. The British felt it necessary to construct a bridge to join the twin cities of Rohri and Sukkur. The 820-feet long bridge was sanctioned in 1885 and opened for public 1889. Ex-Governor Lord Ray of Bombay inaugurated the bridge; it was named "LANSDOWNE BRIDGE" after the viceroy Lord Lansdowne.

The Lloyd Barrage

This bridge stands gracefully across the Indus River. Lieutenant Colonel Scott prepared the scheme of this bridge in 1846 and Mr A. A. Mustu prepared the model of seven canals. The work was started in June 1925 and completed in 1932. It provides the largest irrigation system in the world, covering more than 5 million acres (20,000 Km) of irrigated land and has sixty-six steel gates. This bridge is five times bigger than London's Tower Bridge.

SUKKUR IBA

Beginning of a New Era – Spreading the Light of Education in Extra-Ordinary Manner

Establishment of Sukkur IBA has been a ray of hope for those who cannot afford quality education. Since its establishment, the Institute has been successfully transforming the people lives and uplifting their career. Sukkur IBA welcomed people on-board from diverse backgrounds, majority of them are those having dreams in their minds but their realization was blur. Sukkur IBA not only helped them realize their dreams but changed their lives by educating them and making them responsible citizens of Pakistan.

Sukkur IBA does not believe in teaching through conventional means. It rather focuses on teaching through modern teaching methodology on market-based curriculum. Students are engaged through classroom lectures, video conferences, presentations, audio video learning aids, group discussions and role play exercises, practical projects, research work and other curricular and extracurricular activities. The purpose is to build capacity of students from all aspects by using all modern tools and techniques. This results in increasing student analytical skills, decision making power and self-confidence, ability to take risk and think out of box, determination and self-awareness. These activities also create a clear link between theory (which they read in books) and practical, which they have to face after initiating their career.

Green Campus Area

Green campus of Sukkur IBA is located at airport road Sukkur with an area of 25 acres of land. All the space is fully occupied by modern buildings and lush green lawns and beautiful garden with thousands of trees. Greenery and beautiful gardens are the identity of the institute. The institute has also been certified as Pakistan's first green campus institute by WWF Pakistan. Recently new state-of-the-art building of Sukkur IBA became functional giving space to Executive Development Centre (EDC) and residence facility to faculty. The building contains spacious guest rooms with well-equipped executive training halls, dining hall and suites.

Well-Equipped Classrooms

Classrooms at Sukkur IBA are well-equipped with state-of-the-art facilities and cutting-edge technology with limited sitting capacity appropriate for teaching and learning. All classrooms are spacious and centrally air-conditioned. The design of classrooms is ideal for lectures and facilitates discussions between teachers and students. Multimedia projector and screen with a latest computer system having a power back up is available in every classroom to facilitate teaching and learning and enrich learning experience of students.

How Sukkur IBA is Different?

- Quality Education at Affordable Cost – what Sukkur IBA offers and what it charges is far less than other Institutions of similar caliber
- Assurance of Learning – Sukkur IBA ensures the learning is taking place through linking programs with institute mission and mapping curriculum to achieve desired academic goals.
- Linkages with reputable national and international institutions – for adopting best national and international academic practices to improve quality of education
- Raising standard of education through unique foundation semester – to support students from poor academic and financial background to remove their academic deficiencies and prepare them to face challenges of higher education.
- Focus on Faculty Development – to invest a lot on faculty to build their capacity so that they can teach better and prepare students for challenges of professional life.

Why to Study at Sukkur IBA?

- Sukkur IBA is among top five best business institutions of Pakistan as per HEC ranking
- Sukkur IBA Business Programs are given "W" Category by the NBEAC – HEC
- Sukkur IBA Computer Science Programs are given "W" category by NCEAC- HEC
- Sukkur IBA Engineering programs are recognized by Pakistan Engineering Council (PEC)
- Sukkur IBA is a member of AACSB and in process of submitting Initial Self-Assessment Report (iSER)
- Sukkur IBA is a member of AMDISA and in process of submitting SAQS Accreditation Self-Assessment Report
- Sukkur IBA is also member of many international quality assurance institutions i.e. APQN, INQAAHI, EQUIS, Talloires Network, AACSB and AMDISA.
- Sukkur IBA follows modern teaching method i.e. case-based teaching methodology
- Sukkur IBA maintains high quality modern teaching, research and IT infrastructure.

Knowledge Center / Library

Sukkur IBA library serves as catalyst in supplying resources and services to support the goal of Sukkur institute of business administration. Library assists in the development of information literacy by providing instructions on the use all types of library materials and provides assistance to community beyond the confines of the institute. Library possesses a collection of 60,000 print books and more than 100,000 electronic books in accessible via digital library. The library subscribes 30 print journals and provides access to 40,000 electronic journals to its community.

Diverse library services are initiated including, circulation services, reference services, literature searching, OPAC, interlibrary loan, multimedia services, photocopy services. Library services are integrated through VIRTUA and RFID tagging.

Hostels

For the students coming from different cities, Sukkur IBA has constructed hostels for boys and girls at the campus. Each hostel building comprises a huge dining hall, equipped with a TV lounge and indoor sports facilities, 24-hour uninterrupted power supply, Wi-Fi internet connectivity. The hostel administration maintains high quality living standards for students and provides proper staff for hygiene and other services. All the hostels are fully furnished with high quality furniture. There are separate hostels for boys and girls within the campus.

Academic Blocks

State-of-the-art Academic Block- I & II are comprised of 40 spacious air-conditioned class rooms, computer labs, trade center, discussion rooms, faculty and staff offices, director secretariat, resource room and video conferencing facilities to facilitate all the people at one time. To facilitate students and faculty, an elevator is also installed in one block. These academic blocks are mainly used to conduct academic activities. The research cell is also established to facilitate the research activities at the campus. The new academic block-III is under construction and soon to be completed.

On Campus Guest House/Visitor Accomodation

To facilitate the visitors of the institute a guest house has been constructed with furnished rooms, TV lounge and dining area. The guest house comprises more than 30 well-furnished rooms with high quality furniture and fixture, air-conditioning and comfortable living atmosphere. These rooms include Single, Shared and Suites.

Uninteruppted Power Supply

In order to avoid interruption in teaching and learning process, the facility of heavy generators has been installed in campus to ensure 24-hour uninterrupted power supply. Currently, the generators of 2200 KV capacity are installed which provide power back up. These generators are sufficient to supply electricity throughout the campus.

Mosque

At Sukkur IBA, students live with cultural and religious harmony and mutual respect. The institute has on the campus mosque / prayer area where students, the faculty and administrative staff, other members of staff and labours perform five times prayers. Occasionally various programs on religious days also take place in the mosque i.e. in Khatam-ul-Quran during Ramadan, sermon on Muharram-ul-Haram etc. At the same time, every individual from other religion is also allowed to perform his / her religious rituals with freedom. As the quantity of students has multiplied over time, the need for a larger prayer area has emerged. Keeping this in view, a larger mosque is also under construction with beautiful design, and state-of-the-art infrastructure is to be completed soon.

Auditorium

A centrally air-conditioned, beautifully built and well-decorated auditorium facility is there for the various events, curricular and extra-curricular activities. This auditorium has sitting capacity of 550 people with wide stage and facility of multimedia projectors, projector screen and high quality sound system with multiple chord and cordless Mics. This facility is also rented by different companies, educational institutes, government and non-government organizations to conduct their functions, gatherings and other events.

English Language Lab

Majority of the students enrolled to various programs at Sukkur IBA come from rural areas. They join us with weak background in English. In order to solve language problem and acquaint our students with the language skills, a language laboratory has been recently established at Sukkur IBA.

Financial Trading Lab

Established in Jan 2014, Sukkur IBA Financial Trading Lab is now regarded as first financial lab of Pakistan. The Financial trading room is equipped with 32 machines each loaded with specialized software relating to financial news, analytics, research services, portfolio and risk management and Pakistan Stock Exchange (PSX) trading simulations. In addition, 12 terminals are loaded with Bloomberg Professional Terminal which is a leading Investment Analysis Platform of world. This program, also adopted by many International Universities and Institutes worldwide, is designed to provide students with the tools and resources to optimize their performance. According to a survey 45.34% of AACSB accredited schools have Financial Lab.

Strengthening Technological Infrastructure
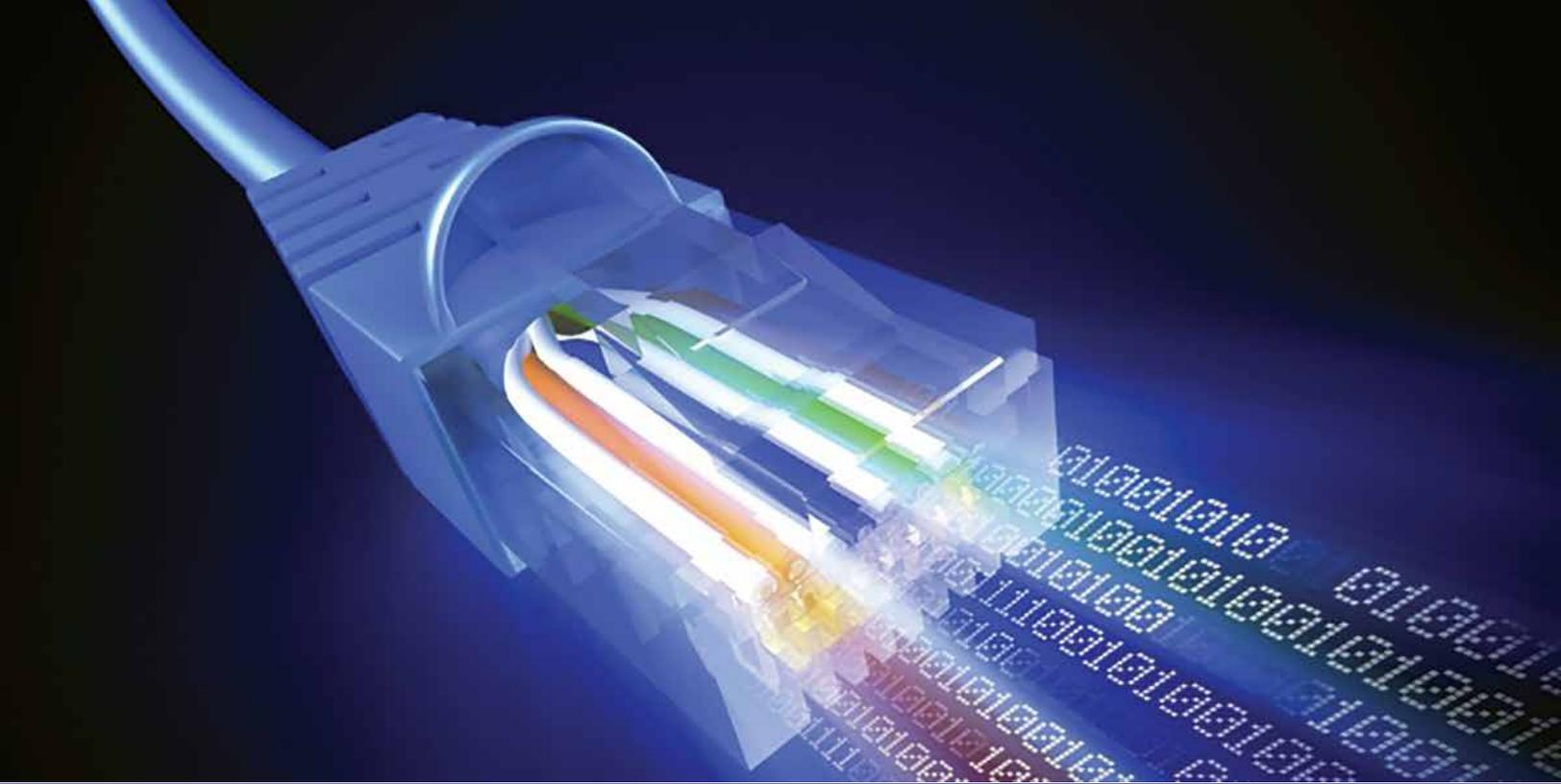
Enterprise Resource Planning (ERP)

In addition to automation of academic operations using PeopleSoft Campus Management Solution, Sukkur IBA added two more ERPs of Oracle PeopleSoft in its services for employees to automate the processes related to HR, Finance, and Procurement Department.
• Oracle PeopleSoft Human Capital Management
• Oracle PeopleSoft Financials & Supply Chain Management

Enterprise Resource Planning (ERP)

Talent Acquisition:
The Talent Acquisition enables the electronic handling of recruitment needs, depending on the needs of the institute, generally known as Online Recruitment, by means of online applications.

Performance Management(ePerformance):
Helps the institute achieve its goals through the planning of critical performance targets/Key Performance Indicators (KPIs) and the measurement of progress towards those targets/indicators in HCM.

Core-HR:
Automate employee administration, time management, payroll, and legal reporting processes, support compliance with changing global and local HR regulations, Manage Employee Training , update employee and its Job information and Understand, evaluate, and measure workforce's contributions.

Employee Self-Service:
This module enables employees to apply for leaves, fill performance appraisal forms by rating themselves on certain KPIs, view pay slips, and update personal information.

Manager Self Service:
Enables managers to approve/disapprove leave requests, review, and rate against the rating provided by employee to himself on KPIs in performance appraisal form and update personal information.

PeopleSoft FSCM (Financials & Supply Chain Management):

Accounts Payables:
This module provided features like Supplier Management, Voucher/Invoice creation, Budget Checking, Posting Vouchers, Payment Processing, Cash Clearing and Reviewing accounting entries.

Accounts Receivables:
Customer Management, Deposit Management, Cash Clearing, and Bank Receipt.

Cash Management:
Bank Management, Create Bank Account Transfer and Bank Reconciliation Management is performed in FSCM.
Asset Management:
This module covers management of operation in FSCM like Asset Management, Leased Assets, Running Depreciation Process, Revaluation of Assets, Retirement Process, and Creating/Viewing Accounting entries.

General Ledger:
Journal Voucher Management, Budget Management, Journal generate process is covered in GL component.
Purchasing:
Purchasing module enables the users to create requisitions, Request for Quotes(RFQs), add supplier responses, award quotes, create and dispatch Purchase Orders and add and inspect receipts.

eProcurement:
Oracle's PeopleSoft e-Procurement is the self-service requisitioning application that controls employee spending. PeopleSoft e-Procurement allows employees to manage their own requisitions from searching for items and submitting requisitions to tracking statuses and changing requisitions-all while identifying exceptions, enforcing policies, and controlling employee buying.

Inventory:
Using this module, users can create, reserve, and deplete Material Stock Requests(MSRs).

Bio-metric Employee Attendance System (TimeTrax)

Biometric attendance devices have been installed at Academic Block 1 and 2, Administration Block, Knowledge Center, and Executive Development Center Building. Attendance Management Software(TimeTrax) that enables employees to record their arrival and departure, providing managers with detailed information about attendance records, absenteeism, overtime etc. The Admin maintain the attendance record and manage the data according to the employees IN and Out. All employees may view their attendance record online.

Virtual University (Video Lectures)

Sukkur IBA has deployed updated release of VU OCW Offline (Free Educational Video Contents/Lectures). These lectures help faculty member and students of Sukkur IBA to learn from renowned professors of relevant disciplines through intra-network facilities at Sukkur IBA.

Learning Management System (Moodle):

Latest version of Moodle, an open source learning management software has been deployed at Sukkur IBA which has been integrated with Turnitin (Plagiarism Checking Software). LMS allows faculty members to create, update and maintain the courses information by uploading assignments, quizzes, creating forums for students, it works as a central repository for complete course contents semester wise which is shared among students.

Virtua Library Management System

Virtua Library Management System is an online public access catalogue (OPAC) to facilitate users for getting firsthand information regarding books physically available at Library. Moreover, users may also view their account status regarding book issued and can also reserve a book. This system has been integrated with Sukkur IBA's SMS Service, users get the SMS alerts upon the issuance or return of the books.

DSPACE A Digital Library

DSpace is a digital library designed by MIT University for E-book Management. About 20,000 E-books are available on Sukkur Digital Library.

Turnitin

Turnitin (Plagiarism Checking Software) has been integrated with Learning Management Software(Moodle) to auto check the plagiarism of submitted content by students at LMS. Turnitin accounts are provided to faculty members to assess the reports submitted by students. Moreover, Faculty member may also get plagiarism report regarding their research drafts, Student work is instantly checked for potential plagiarism using pattern recognition algorithms, Online grading saves instructors time and provides richer feedback with marks directly on student assignments and encourage students to learn from each other and develop critical thinking skills.

3S SYSTEM (Sukkur IBA University SMS Service System):

Sukkur IBA has added one more service that is 3S System. Recipients get SMS alerts related to applications mentioned below and apart from that using SMS portal Sukkur IBAians and outsiders also get messages related to jobs, admissions, trainings, workshops, scholarships, tests, and interview announcements.

PeopleSoft CMS
(for students and their parents, faculty, staff members)

Students and their parents get absence alerts, attendance warnings, course enrollments alerts, and alerts of posted grades by faculty member. Whereas, faculty members get login in CMS alerts with time and location.

Virtua Library Management System
(for students, faculty, and staff members)

Recipients get messages upon the issuance and return of the book to his/her account.

Girls Hostel Check In/Out System
(for female students residing in hostels and their parents)

Recipients get alerts when a female student checks out or checks into Sukkur IBA University internal Girls Hostel.

PeopleSoft FSCM
(for users initiating purchase requests)

Requesters and immediate supervisors receive SMS alerts when the requisition is initiated or approved by the director of the institute.

Faculty Portal

Faculty Portal enables faculty members of Sukkur IBA to update their profile on official website of Sukkur IBA regarding qualification, research, and experience. The faculty portal is integrated to the CMS as well as to the official website. The profile of each faculty member is shown on official website of Sukkur IBA.

Trade Center

Sukkur IBA has established the Trade Centre, in which the students and faculty members are getting live features, updates, and rates from Karachi Stock Exchange. Due to that the students as well as faculty members contribute and view the shares and get the shares and perform business in this regard.

Sukkur IBA Online Testing Service

SOTS application is In-house developed software for HR department. SOTS play the important role in the recruitment of the HR. All applicants may apply for the job position through the PeopleSoft HCM Talent Acquisition module and take the Online Test through SOTS.

Girls Hostel Check-In & Check-Out System

Sukkur IBA has implemented the Girls Hostel check in & check out system, that keeps their parents or guardians informed through SMS alerts, when their ward leaves or enters the campus/hostel. It also keeps the record of all exits and entries of female students from or in the Hostel. This system has been developed to trace the mobility of girls in order to cope with security issues.

There are three types of users of this system:

1. Female Hostellers (Initiates the Checkout Request)
2. Hostel Administration (Approves or denies the request)
3. Security Administration Main Gate (Marks the checks in/out in the system)

Departmental websites developed by ICT department:

- Department of Mathematics
  http://math.iba-suk.edu.pk/

- ICT Department
  http://ict.iba-suk.edu.pk/HTML/index.html

- Department of Education
  http://education.iba-suk.edu.pk

- Sukkur IBA Library
  http://library.iba-suk.edu.pk

- Sukkur IBA Community Colleges
  http://www.ibacc.edu.pk/Default.aspx

- Office of Research Innovation & commercialization:
  http://oric.iba-suk.edu.pk/

- National Talent Hunt Program
  http://nthp.iba-suk.edu.pk/THP/wpTHP.aspx)

- Summer Science Camp
  http://nthp.iba-suk.edu.pk/THP/wpTHP.aspx)

DEPARTMENT OF BUSINESS ADMINISTRATION

Introduction

Faculty of business administration brings a global outlook, strives to serve community by imparting research oriented knowledge. It aims to develop and sustain a meritorious culture of continuous improvement that encourages leadership, entrepreneurial capacity, global sustainability and ethical consciousness in our graduates to flourish and contribute meaningfully to society.

BBA Program Mission Statement
The mission of BBA program is to enhance intellectual and professional competencies by imparting knowledge through a meritorious culture that encourages critical thinking, active learning, ethical consciousness and global awareness.

BBA Program Goals and Objectives
Goal 1 – Ethical Consciousness – Students will be able
PLO(s):
1.1 To apply ethical reasoning in decision making.
Goal 2- Communication Skills – Students will be able
PLO(s):
2.1 To present with oral proficiency.
2.2 To write effective business documents.
2.3 To use information and communication tools.
Goal 3-Critical thinking skills – Students will be able
PLO(s):
3.1 To critically analyze business issues.
3.2 To apply problem solving tools to business situations.

Goal 4 - Teamwork Skills – Students will be able
PLO(s):
4.1 To work effectively within teams
Goal 5 – Creativity Skills – Students will be able
PLO(s):
5.1 To develop innovative business solutions.
Goal 6 – Global Awareness – Students will be able
PLO(s):
6.1 To understand international issues.
Goal 7 – Business knowledge – Students will be able
PLO(s):
7.1 To acquire business discipline knowledge to address business challenges.

Program Details:
Duration: : 04 years
Semesters: : 08
Credit Hours: : 141
Core Courses   : 126 Credits
Electives   : 15 Credits
HEC requirement   : 124-136 Credits

Eligibility Criteria: (for BBA):
Candidates must have minimum **50%** marks in Intermediate passed in annual examination with no supplement & no subject(s) condonation by Board.

Scheme of Studies: BBA Program

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
ENG-101	Functional English	2+1	
MTS-101	College Algebra	3+0	
SSC-101	Human Behavior	3+0	
SSC-102	Pakistan and Islamic Studies / Ethics	2+0	
ECO-101	Principles of Microeconomics	3+0	
CSC-101	Computer Applications to Business	2+1	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
SSC-103	International Relations	3+0	
ENG-102	Creative Writing	3+0	
ECO-102	Principles of Macroeconomics	3+0	
SSC-101	Social Psychology and Self-Development	3+0	
ACC-101	Principles of Accounting	2+1	
STS-101	Business Statistics	3+0	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
FIN-201	Introduction to Business Finance	3+0	
MGT-201	Principles of Management	3+0	
MTS-205	Mathematical Thinking	3+0	
MKT-201	Principles of Marketing	3+0	
MTS-201	Business Mathematics	3+0	
ACC-201	Corporate Accounting	3+0	ACC-101

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
MGT-202	Organizational Behavior	3+0	MGT-201
ENG-201	Business Communication	3+0	
LAW-201	Business Law	3+0	
CSC-201	Management Information System	2+1	
MTS-202	Business Calculus	3+0	MTS-101
ECO-201	Development Economics	3+0	ECO-101

Scheme of Studies: BBA Program

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
LAW-301	Laws of Taxation	3+0	
FIN-301	Financial Institutions and Markets	3+0	FIN-201
AGB-301	Agribusiness	3+0	
HRM-301	Human Resource Management	3+0	MGT-201
STS-301	Statistical Inferences	2+1	STS-101
MGT-302	Entrepreneurship	3+0	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
ACC-301	Managerial Accounting	3+0	ACC-101
MKT-303	Marketing Management	3+0	MKT-201
MKT-301	Methods of Business Research	2+1	STS-101
MGT-303	Production and Operations Management	3+0	MGT-201
MGT-304	Corporate Social Responsibility and Governance	3+0	
	Elective-I	3+0	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
ECO-401	International Business	3+0	ECO-101
MGT-401	Business Ethics	3+0	
ECO-402	Basic Econometrics	2+1	ECO-102, STS-101
FIN-401	Financial Management	3+0	FIN-201
	Elective-II	3+0	
	Elective-III	3+0	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
MGT-402	Comparative Management	3+0	MGT-201
FIN-402	Forecasting & Budgeting	2+1	ACC-301
MGT-403	Business Strategy	3+0	MGT-201
	Elective-IV	3+0	
	Elective-V	3+0	

Other Requirements:
Internship (six weeks) Compulsory after 6th semester.

Elective Courses for BBA Program

FINANCE

Course Code	Title	Credit Hours	Pre-requisite
FIN-410	International Finance	3	FIN-201
FIN-411	International Financial Management	3	FIN-201
FIN-412	Security Analysis	3	FIN-201
FIN-413	Investment Analysis And Portfolio Management	3	FIN-201
FIN-414	Corporate Finance	3	FIN-201
FIN-415	Fixed Income Securities	3	FIN-201
FIN-416	International Banking	3	FIN-201
FIN-417	Regulation of Financial Markets	3	FIN-201
FIN-418	Islamic Banking & Finance	3	FIN-201
FIN-419	Strategic Financial Management	3	FIN-201
FIN-420	Portfolio Management	3	FIN-201
FIN-421	Venture Capital And Private Finance	3	FIN-201
FIN-422	Risk Management	3	FIN-201
FIN-423	Financial Econometrics	3	FIN-201
FIN-424	Financial Derivatives	3	FIN-201
FIN-425	Treasury And Fund Management	3	FIN-201
FIN-426	Investment Banking	3	FIN-201
FIN-427	Project Evaluation	3	FIN-201
FIN-428	Advance Corporate Finance	3	FIN-201
FIN-429	Behavioral Finance	3	FIN-201
FIN-430	Actuarial Finance	3	FIN-201
FIN-431	Applied Portfolio Management And Modeling	3	FIN-201
FIN-432	Financial Reporting and Analysis	3	FIN-201
FIN-433	Banking Operations	3	FIN-201
FIN-434	Micro Finance	3	FIN-201
FIN-435	Applied Trading Strategies	3	FIN-201

HUMAN RESOURCE MANAGEMENT (HRM)

Course Code	Title	Credit Hours	Pre-requisite
HRM-410	Employee Staffing And Training	3	MGT-201
HRM-411	Talent Acquisition	3	MGT-201
HRM-412	Training Techniques And Practices	3	MGT-201
HRM-413	Occupational Health And Safety	3	MGT-201
HRM-414	Executive Leadership	3	MGT-201
HRM-415	Foundation Of Human Resource Development	3	MGT-201
HRM-416	Industrial Relations Management	3	MGT-201
HRM-417	Organizational Development	3	MGT-201
HRM-418	Human Resource Development	3	MGT-201
HRM-419	Compensation And Benefits Management	3	MGT-201
HRM-420	Succession Planning	3	MGT-201
HRM-421	Conflict Management	3	MGT-201
HRM-422	Team Management	3	MGT-201
HRM-423	Leading The Change Process	3	MGT-201
HRM-424	Strategic Human Resource Management	3	MGT-201
HRM-425	Performance Management	3	MGT-201
HRM-426	Resourcing and Talent Management	3	MGT-201
HRM-427	HRM in Organizational Context	3	MGT-201
HRM-428	Recruitment and Selection	3	MGT-201

Electives Courses for BBA Program

MARKETING

Course Code	Title	Credit Hours	Pre-requisite
MKT-410	Digital and Web Marketing	3	MKT-201
MKT-411	Advertising Management	3	MKT-201
MKT-412	Consumer Behavior	3	MKT-201
MKT-413	Export Marketing	3	MKT-201
MKT-414	Personal Selling	3	MKT-201
MKT-415	Sales Management	3	MKT-201
MKT-416	Industrial Marketing	3	MKT-201
MKT-417	International Marketing	3	MKT-201
MKT-418	Services Marketing	3	MKT-201
MKT-419	Strategic Export Marketing	3	MKT-201
MKT-420	Brand Management	3	MKT-201
MKT-421	Seminars In Marketing	3	MKT-201
MKT-422	Strategic Brand Management	3	MKT-201
MKT-423	Experiential Marketing	3	MKT-201
MKT-424	Marketing Communication	3	MKT-201
MKT-425	Event Management	3	MKT-201
MKT-427	Retail Management	3	MKT-201
MKT-428	Strategic Marketing Management	3	MKT-201
MKT-429	Social Marketing	3	MKT-201
MKT-430	Product Development	3	MKT-201

ENTREPRENEURSHIP

Course Code	Title	Credit Hours	Pre-requisite
ENT-410	Entrepreneurial Marketing	3	MGT-302
ENT-411	Entrepreneurial Management	3	MGT-302
ENT-412	Entrepreneurial Finance	3	MGT-302
ENT-413	Corporate Entrepreneurship	3	MGT-302
ENT-414	Developing Entrepreneurial Opportunities	3	MGT-302
ENT-415	Social Enterprise Management	3	MGT-302
ENT-416	New Technology Ventures	3	MGT-302
ENT-417	Creativity and Innovation	3	MGT-302
ENT-418	Business Law for Entrepreneurship	3	MGT-302
ENT-419	Web Marketing	3	MGT-302
ENT-420	Sales Strategy in an Entrepreneurial Venture	3	MGT-302
ENT-421	Sustainable Entrepreneurship Strategies	3	MGT-302
ENT-422	Family Business Management	3	MGT-302
ENT-423	Financing Entrepreneurial Ventures	3	MGT-302
ENT-424	Public Policy Entrepreneurship	3	MGT-302
ENT-425	Women's Entrepreneurship & Leadership	3	MGT-302
ENT-426	Micro Entrepreneurship	3	MGT-302

Goals and Objectives

Goal 1 – Ethical Consciousness – Students will be able
PLO(s):
1.1   To apply ethical reasoning in decision making.
1.2   To understand laws and regulations of business and accounting

Goal 2- Communication Skills – Students will be able
PLO(s):
2.1 To present with oral proficiency.
2.2 To write effective business documents.
2.3 To use information and communication tools.

Goal 3-Critical thinking skills – Students will be able
PLO(s):
3.1 To critically analyze business issues.
3.2 To apply quantitative tools to solve business problems.

Goal 4 - Teamwork Skills – Students will be able
PLO(s):

4.1 To work effectively within teams

Goal 5 – Creativity Skills – Students will be able
PLO(s):

5.1 To develop innovative business solutions.

Goal 6 – Global Awareness – Students will be able
PLO(s):

6.1 To understand international issues.

Goal 7 – Competency in Business and Accounting– Students will be able
PLO(s):
7.1. To understand core business Knowledge
7.2. To understand International Financial Reporting
       Standards (IFRS)
7.3. To understand International Standards on Auditing (ISA)
7.4. To understand Uniform Costing Practices.

Eligibility Criteria for Admission:

Interested candidates of BS Accounting and Finance program must have completed H.S.C or equivalent with at least 50% marks, at the time of appearing for test and interview. Candidates whose final year exam results have not been announced and have no deficiency in their first year exam results are also eligible for admission. They will be granted provincial admission to BS Accounting and Finance program, in case if their final year results are found not meeting the minimum requirements of Sukkur IBA, their provisional admission will stand cancelled.

Program Details:

Duration:	04 years
Semesters:	08
Course Credits:	108 Credits
Practicum:	18 Credits
Total Credit Hours:	126 Credits
HEC requirement:	124-136 Credits

Scheme of Studies: BS - Accounting and Finance Program
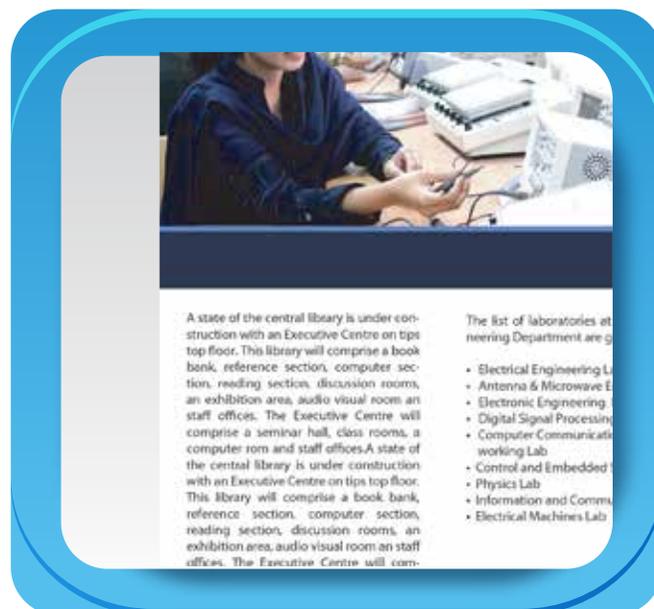
Semester - I

Course Code	Title	Credit Hours	Pre-requisite
BSAF-101	Functional English	3+0	
BSAF-102	Pakistan Studies / Islamiyat	2+2	
BSAF-103	Principles of Microeconomics	3+0	
BSAF-104	Business Mathematics	3+0	
BSAF-105	Introduction to Information Technology	2+1	
BSAF-106	Fundamentals of Financial Accounting	2+1	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
BSAF-107	Principles of Management	3+0	
BSAF-108	Principles of Macroeconomics	3+0	BSAF-103
BSAF-109	Business Communication & Report Writing	3+0	
BSAF-110	Intermediate Financial Accounting	2+1	BSAF-106
BSAF-111	Business Statistics	3+0	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
BSAF-201	Principles of Marketing	3+0	
BSAF-202	Mercantile Law	3+0	
BSAF-203	Introduction to cost accounting	3+0	
BSAF-204	Organization Behavior	3+0	
BSAF-205	Introduction to Business Finance	3+0	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
BSAF-207	Fundamentals of Auditing	3+0	
BSAF-208	Principles of Taxation	3+0	
BSAF-209	Company laws (257 Sections)	3+0	
BSAF-210	Statistical inference	3+0	
BSAF-211	Financial Institution and Markets	3+0	

Scheme of Studies: BS - Accounting and Finance Program

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
BSAF-301	Corporate Financial Reporting	3+0	BSAF-110
BSAF-404	Business Ethics	3+0	
BSAF-303	Presentation and Negotiation Skills	0+3	
BSAF-304	Management Accounting	3+0	
BSAF-305	Intermediate Business Finance	3+0	BSAF-205

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
BSAF-306	Human Resource Management	3+0	
BSAF-307	Advanced Taxation	3+0	BSAF-208
BSAF-308	Marketing Management	3+0	
BSAF-309	Applied Corporate laws & Secretarial Practices	3+0	BSAF-209
BSAF-310	Auditing & Assurance and related services	3+0	BSAF-207

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
BSAF-401	Management Accounting-Decision Making	2+1	BSAF-304
BSAF-402	Analysis of Financial Statements	2+1	BSAF-301
BSAF-403	Applied Financial Management	2+1	
BSAF-302	Financial Information system	0+2	6 hours of Lab
BSAF-405	Strategic Business Management	3+0	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
BSAF-406	Practicum (3 months in Cost accounting firm & 3 months in any other organization)	0+18	

Other Requirements:

Semester-VIII consists of six-month practicum, out of which three months mandatory training should be in Chartered Accountants Firm. There are 18 credit hours for this training.

Introduction

BBA in Agribusiness

Background and Rational

Pakistan Agricultural Coalition (PAC) approached University of Agriculture Faisalabad (UAF) and Sukkur IBA and requested to consider starting a four-year BBA (Agribusiness) degree with the objective to produce graduates equipped with hard core area i.e. Agriculture and having soft skills of business to cater the needs of the industry. A series of meetings with stakeholders was held at Faisalabad, Lahore, Karachi, and Islamabad for consultation and designing of this program to tailor it to the needs of the stakeholders.

The four-year BBA (Agribusiness) jointly offered by UAF and Sukkur IBA is a need based program designed to serve the needs of the industry. The young individuals who have completed twelve years of education are eligible for admission to this program. This program is open to the students with diverse educational backgrounds including humanities, science, arts, agribusiness, and commerce etc. Accordingly, candidates for this program are carefully screened through a rigorous and effective admission process.

It is a bachelor degree Program with emphasis on Farm Management and Business; based on inter provincial model. It is hoped that it shall open new avenues of employment for successful graduates. It is expected that this degree shall facilitate in greater personal development and getting highly paid salary jobs as well as the students will be trained in such a way that they may start their own business and will act as the job providers to others.

Learning Outcomes

The students who earn the BBA (Agribusiness) Joint degree program will be able to:

I. Communicate effectively, professionally and demonstrate the ability to create coherent written and oral statements.

II. Demonstrate the ability to identify and evaluate relevant information for decision-making and make use of diagnostic thinking skills and analytical techniques to assess the information and solve problems in the agribusiness environment characterized by uncertainty.

III. Understand the importance of teamwork and group dynamics in achieving organizational goals and demonstrate ability to work effectively in teams.

IV. Understand various leadership styles and demonstrate proven ability in exercising these styles according to the requirement of the situation.

V. Understand the dynamics of the organizational conflict, power and politics and make use of their analytical and interpersonal skills accordingly. Acquire awareness of global perspectives and understand the theory, operations, and challenges of global business.

VI. Demonstrate functional business knowledge and interpret essential business concepts and principles and nurture related skills, knowledge and attitude.

VII. Identify core organizational values and understand the ethical issues and social diversity and demonstrate the ability to propose feasible solutions to these issues.

VIII. Understand computer-based information systems and interpret functional agribusiness knowledge with the assistance of contemporary computing tools.

Structure of BBA (Agribusiness)

a) The BBA (Agribusiness)
a)   The BBA (Agriculture) Joint degree program is of 4-year duration, spread over 8 regular semesters, and consisting of 132 credit hours according to HEC requirements for the said degree program.

Credit Hours at UAF:	68
Credit Hours at Sukkur IBA:	64
Total Credit Hours:	132
HEC Requirement:	124-136

b) Nature of Degree
A Joint degree program offered by UAF & Sukkur IBA. It is the unique program which is based on Inter Provincial Model with 4 years (i.e. Eight Semesters) duration.
The first 4 semesters (2 years) will be offered at UAF for all students admitted at both institutions whereas, next four semesters (last two years) will be offered at Sukkur IBA for the students admitted to both Institutions.

c) Eligibility Criteria:
12 years of schooling. A candidate must have passed the Intermediate or an equivalent examination securing at least 50% marks or Intermediate (Pre-Agriculture) securing CGPA 2.5/4.00.
However, admission shall be granted on the basis of marks secured in HSSC (Intermediate) examination provisionally. The final merit list shall be determined and re-notified on the basis of HSSC result produced by the applicant immediately after declaration of his/her result by the concerned board. In case any of the provisionally selected candidates cannot fulfill the minimum required percentage of HSSC/equivalent does not fall on merit, his/her provisional admission shall stand cancelled automatically and he/she shall have no claim whatsoever. In this case, the fees deposited will be refunded being ineligible candidate after following the prescribed procedure.

d) Admission
Purely on merit to be determined on the basis of academic performance, entry test and interview. The proportional weight for academic performance and entry test/interview shall be 50:50, respectively.
Students seeking admission to BBA- (Agribusiness) will have to apply for admission separately either at UAF or Sukkur IBA. An entry test having same question paper consisting of 100 MCQs shall be administered simultaneously at both institutions.
A separate merit shall be determined by the both institutions among the candidates who have applied and qualified for the admission
The Director IBMS of UAF shall be the admission granting authority for the candidates seeking admission in UAF and Director Sukkur IBA for the candidates seeking admission at Sukkur IBA.

Number of Seats
A total number of 50 seats (25 from Punjab and 25 from Sindh, subject to increase if required, by the competent authority on the recommendations of the Directors concerned) are available for admission in BBA (Agribusiness) degree program. Equal opportunity will be provided to female candidates.

Hostel Accommodation
Hostel accommodation shall be provided but student shall have to apply for it.

Credit Earning
The students earn credit(s) by studying at Sukkur IBA, and UAF. Each institute/University transfers credits earned by the respective students to the admission granting Institute/University at the end of each semester for the award of degree to the students.

Degree Award
Students will be conferred degree by the admission granting Institute/University through credit earning/credit transfer facility.

Other Regulations
In addition to above mentioned regulations, all other statutes and regulations implemented by UAF and Sukkur IBA for undergraduate degree programs will also be applicable to this degree program in the same spirit.

Fee
Rs. 14,000/- per semester (excluding Hostel & Prospectus fee) Students shall deposit fee/dues with the specified bank by their respective admission granting university/institution.

Scheme of Studies: BBA (Agribusiness)

Semester - I (To be offered by UAF)

Course Code	Title	Credit Hours	Pre-requisite
BBAA-101	Functional English	3(3-0)	
BBAA-103	Basics of Agriculture	2(1-1)	
BBAA-105	Soil Science and Crop Production	3(2-1)	
BBAA-107	Orchard Planning and Management	3(2-1)	
BBAA-109	Variety Development, Registration and Seed Production	3(2-1)	
BBAA -111	Agricultural Knowledge and Information System	3(2-1)	
	Total Credit Hours	17	

Semester - II (To be offered by UAF)

Course Code	Title	Credit Hours	Pre-requisite
BBAA -102	General Plant Protection	3(2-1)	
BBAA -104	Natural Resource Management	3(3-0)	
BBAA -106	Introduction to Agricultural Economics	2(2-0)	
BBAA -108	Water Management	3(2-1)	
BBAA -110	Food Service Industry	3(2-1)	
BBAA -112	Essentials of Food Science and Technology	3(3-0)	
	Total Credit Hours	17	

Semester - III (To be offered by UAF)

Course Code	Title	Credit Hours	Pre-requisite
BBAA -201	Food Engineering and Processing	3(2-1)	
BBAA -203	Livestock Business Management	3(2-1)	
BBAA -205	Farm Mechanization	3(2-1)	
BBAA -207	Poultry Business Management	3(2-1)	
BBAA -209	Cotton Production and its Value Chain	3(2-1)	
BBAA -211	Animal Health Business Management	2(1-1)	
	Total Credit Hours	17	

Semester - IV (To be offered by UAF)

Course Code	Title	Credit Hours	Pre-requisite
BBAA -202	Energy Resources and Utilization	3 (2-1)	
BBAA -204	Elective		
BBAA -206	Elective		
BBAA -208	Elective		
BBAA -210	Elective		
BBAA -212	Elective		
BBAA -213	Cooperative Farm Management		
	Total Credit Hours	17	

Scheme of Studies: BBA (Agribusiness)

Semester - V (To be offered by Sukkur IBA)

Course Code	Title	Credit Hours	Pre-requisite
BAB -301	Principles of Microeconomics	3 (3-0)	
BAB -303	Social Psychology and Self-Development	3 (3-0)	
BAB -305	Financial Accounting	3 (2+1)	
BAB -307	Business Mathematics & Statistics	3 (3-0)	
BAB -309	Computer Applications to Business	3 (2+1)	
	Total Credit Hours	15	

Semester - VI (To be offered by Sukkur IBA)

Course Code	Title	Credit Hours	Pre-requisite
BAB -302	Principles of Macroeconomics	3 (3-0)	
BAB -304	Principles of Management	3 (3-0)	
BAB -306	Business Communication & Presentation Skills	3 (2+1)	
BAB -308	Managerial Accounting	3 (2+1)	BAB-305
BAB -310	Pakistan & Islamic Studies/Ethics (for Non-Muslims)	3 (3-0)	
	Total Credit Hours	15	

Semester - VII (To be offered by Sukkur IBA)

Course Code	Title	Credit Hours	Pre-requisite
BAB -401	Principles of Agricultural Marketing	3(3-0)	
BAB -403	Business Finance	3(3-0)	
BAB -405	Business Research Methods	3(2-1)	BAB-307
BAB -407	Human Resource Management in Agriculture	3(3-0)	BAB-304
BAB -409	E-Commerce	3(3-0)	
BAB -410	Project-I	2(0+2)	
	Total Credit Hours	17	

Semester - VIII (To be offered by Sukkur IBA)

Course Code	Title	Credit Hours	Pre-requisite
BAB -402	Agribusiness Entrepreneurship	3(3-0)	
BAB -404	Corporate Strategy	3(3-0)	BAB-304
BAB -406	Organizational Behavior	3(3-0)	BAB -304
BAB -408	Managing Agricultural Supply Chain	3(3-0)	
BAB -410	Project-II	3(0+3)	
	Total Credit Hours	15	

Other Requirements:
Internship (Six-week) Compulsory after 6th semester.

MBA (2 Years) Case Study Program

MBA Program Mission Statement
The mission of our MBA program is to involve students in active and evidence-based learning process to develop managerial skills and abilities, leading them to be ethically conscious business leaders.

MBA Program Goals and Objectives
Goal 1- Ethical Consciousness - Students will be able
PLOs:
1.1 To understand legal and regulatory environment of the business.
1.2 To apply ethical reasoning in business decisions
Goal 2- Communication Skills - Students will be able
PLOs:
2.1 To orally communicate in business settings
2.2 To verbally communicate in business settings.
Goal 3- Decision Making Skills - Students will be able
PLOs:
3.1 To develop innovative solutions for business problems
3.2 To apply quantitative methods in business decision making
3.3 To integrate research in business decision making
Goal 4- Critical Thinking Skills - Students will be able
4.1 To apply critical thinking in business decision making
Goal 5- Leaderships Skills - Students will be able
PLOs:
5.1 To work in diverse team
5.2 To apply strategic approach in business decision making
5.3 To understand global perspective in business decision making

Eligibility Criteria for Admission:
Candidate must have 16-year of education in any field from a HEC recognized University/Institution with minimum **60%** marks or 2.2 CGPA.

Admission Requirement for MBA:
Candidate must clear Sukkur IBA entry test or has minimum **50%** score in NTS-GAT General or has qualified GRE or GMAT.
Program Details:
Duration   : 02 Years
Semesters   : 04 Semesters
Credit Hours   : 60
Core Courses   : 36 Credits
Electives   : 09 Credits
Internship (duration summer)   : 03 Credits
Project (duration six months)   : 12 Credits
HEC Requirement   : 60-72 Credit Hours (May offer up to 30 Cr. Hrs exemption to 4yrs Business Graduates)

Other Requirements:
Comprehensive Examination for award of degree.

Scheme of Studies: MBA (2 Years) Case Study

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
ACC-502	Financial Reporting & Analysis	3+0	
MTS-501	Quantitative Methods for Decision Making	2+1	
MGT-505	Organizational Behavior and Leadership	3+0	
ECO-504	Managerial Economics	3+0	
ENG-502	Critical Thinking & Managerial Communication	3+0	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
FIN-504	Strategic Financial Management	3+0	
LAW-501	Legal and Regulatory Environment of Business	3+0	
MKT-504	Strategic Marketing Management	3+0	
MGT-610	Supply chain & Operations Management	3+0	
	Elective-I	3+0	

Summer Internship

Course Code	Title	Credit Hours	Pre-requisite
	Summer Internship (Project Based)	0+3	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
ACC--503	Management Accounting & Control Systems	3+0	
MGT-611	Corporate Strategy	3+0	
MKT-505	Applied Research Methods	2+1	
	Elective-II	3+0	
	Elective-III	3+0	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
PRJ-601	MBA Project	0+12	

Faculty Members of Business Administration

Professor Nisar Ahmed Siddiqui
Vice Chancellor

MBA from Boston School of Management, University of Boston USA
M.A Economics from University of Sindh, Jamshoro
M.Ed & LLB from University of Sindh, Jamshoro

Mr. Siddiqui is founder of Sukkur IBA. He has served Pakistan as civil servant for the period of 30 years. Due to his deep interest for education, he has also been teaching at various institutions as visiting faculty i.e. IBA Karachi, IoBM Karachi, University of Sindh and Shah Abdul Latif University Khairpur Mirs. He has been affiliated with Sukkur IBA from last 26 years.

Professor Dr Niaz Ahmed Bhutto
Professor
Head of Department – Business Administration

Post Doctorate from Rutgers State University of New Jersey, USA
PhD from Hacettepe University, Turkey
MA in Economics from Shah Abdul Latif University Khairpur Mirs
BA (Hons) from Shah Abdul Latif University Khairpur Mirs

Dr Niaz Ahmed Bhutto has 17 Years of vast experience in the field of teaching and research. Mr. Bhutto is also HEC approved supervisor. He has published many articles in reputable journals and presented papers in international conferences. His areas of interest are Development Economics & Sustainable development & Input Output Modeling.

Professor Dr Sarwar M. Azhar
Professor in Marketing

Ph.D. from NU Business School, Nottingham University, UK
MBA from IBA Karachi
MA in Political Science from Punjab University

Dr Sarwar M Azhar has over 35 years of combined experience as a practising business manager and as an academician in the field of management and marketing. He started his family business in 1983, which included Pak American Institute of Management Sciences, a higher educational institute offering graduate and post graduate degrees in Management and Computer Sciences. He also launched Pamir Knot College providing education at the primary and secondary level. In 1998, he left to do his PhD at Nottingham University Business School, Nottingham UK. He has published over 30 research papers in both national and international journals. A book titled "Globalization", edited by him, has also been published.

Dr Waqar Akram
Associate Professor

Fulbright Post Doc from USA
M.Sc (Hons) Agri-Economics from University of Agriculture Faisalabad, Pakistan.
B.Sc (Hons) Agri-Economics from University of Agriculture Faisalabad, Pakistan.

Dr Waqar is a motivated mid-career education professional, with excellent academic career and great aptitude for research. Recently completed his Post Doc from Oklahoma State University, USA as Fulbright Scholar. He possesses more than ten years teaching experience and has been working to promote research culture in the universities of Pakistan and organize national and international conferences. He has published a papers in good quality journals and has 30+publications to his credit. His area of research is rural development that includes rural financial sector, food demand and renewable energy alternatives.

Faculty Members of Business Administration

Dr. Khalid Ahmed
Assistant Professor

Research Fellow, University of Cambridge
Post Doctorate, University of Göttingen - Germany
Doctor of Philosophy (PhD), in Economics, Wuhan University of Technology, P.R China
Masters of Arts (M.A) in Economics, S.A.L.U, Khairpur
Bachelor of Commerce (B. Com), S.A.L.U, Khairpur
Commercial Banking, Institute of Bankers Pakistan (IBP)
Visiting Fellow, Korea Institute for International Economic Policy (KIEP)

Dr Khalid is an expert in environment economics. He joined Sukkur IBA in year 2013. He also led Office of Research Innovation and Commercialization (ORIC). His teaching interests are Micro & Macro Economic Theory, Econometrics, Law and Economics, Climate Change and Environmental. His research interests are; International Economics, Environmental Economics and Development Economics. He has done projects funded nationally and internationally i.e. HEC, KIET, European Commission & UK Government.

Dr. Altaf Hussain Samo
Professor - Entrepreneurship and Director, Executive Development Center (EDC)

Certificate Program on Teaching New Venture Leadership from MIT, USA
PhD. in Entrepreneurship from University Uttara Malaysia
MS in Management from University of Orleans, France
MBA in Finance from University of Sindh, Jamshoro

Dr Samo has over 17 years of diverse experience in academic administration, project management, consultancy and trainings. He is among most senior faculty members of the institute having worked on various positions including director training, lead trainer, training coordinator, national consultant training, capacity building expert, Project Administrator and Director for international organizations (Asian development Bank, UNDP, Cupola, Continental Biscuits, USAID, GUESS) and National organizations (Sukkur IBA, SBP, Sindh Government, Education Foundation) organizations. Currently he leads Executive Development Center which works actively to train executives from industry, government organizations and NGOs.

Dr Syed Mir Muhammad Shah
Professor & Director International Accreditation

PhD (Management) from University of Utara, Malaysia
MS from SZABIST, Karachi
MBA from Shah Abdul Latif University, Khairpur

Dr Syed Mir is a pioneer member of faculty at Sukkur IBA, working at Faculty of Business Administration. He has worked as Head of Department, Faculty of Business Administration and Provost Hostels for a number of years. Presently he is working as Director International Accreditations.

Dr Manzoor Ali Mirani
Assistant Professor

PhD. (Management) University Tun Abdul Razak, Malaysia
MS from BIZTEK, Karachi
MBA from Sindhi University, Jamshoro

Dr Mirani is an Assistant Professor at Sukkur IBA. Besides teaching, he has served as Program Officer and Controller of Examinations of the institute. He has published papers in international journals and participated in international conferences. Mirani holds MBA in Marketing and Masters of Science (MS) with specialization in strategic management. His specialization is in entrepreneurship with special focus on Academic Entrepreneurship, Entrepreneurial Universities and University Technology Transfer.

Faculty Members of Business Administration

Dr Pervaiz Ahmed Memon
Professor

PhD, Banking and Finance from University of Utara Malaysia
MS from SZABIST Karachi
MBA from Shah Abdul Latif University, Khairpur

Dr Pervaiz has been working with Sukkur IBA for the last 18 years. He also head Office of Research Innovation, and Commercialization (ORIC). Before joining academia, Mr. Memon worked for 2 years in one of the leading home appliance companies of Pakistan. As an academician, Dr. Pervaiz has experience of teaching corporate finance, financial reporting and analysis, portfolio management, financial accounting, project evaluation, project management, change management, organizational development, and operations management. Mr. Memon's research interest is in corporate finance and portfolio management and he has got 12 publications in various research journals of national and international repute.

Dr Pervaiz possesses vast experience of conducting and managing training and research projects funded by various national and international agencies such as World Bank, Asian Development Bank, UNDP, UNOPS, NRSP, HEC, and Government of Sindh.

Falah-ud-Din Butt
Assistant Professor

PhD. in Marketing from Durham University, UK
MS in Management from Durham University, UK
MS Management Science, SZABIST Karachi
MBA Marketing, Shah Abdul Latif University Khairpur

Mr Butt has been working with Sukkur IBA for the past 17 years. He is among most senior faculty members of the institute. He had also worked with different multinational corporations in different capacities before joining Sukkur IBA. His affiliation with academia is long and he teaches courses related to marketing, branding, services marketing etc.

Dr Waheed A. Umrani
Assistant Professor

PhD in Management Sciences from University of Utara, Malaysia
MBA from Sindh University, Jamshoro

His research interest includes Leadership, Corporate Entrepreneurship, Employee Engagement, HR-Analytics, and Service Quality. Dr Umrani is founder of Sukkur IBA Case Research Center, an initiative to promote case teaching and case research at Sukkur IBA.

As a trainer Dr Umrani has conducted professional training for corporate and academicians in Malaysia, United Arab Emirates, and all around Pakistan in areas of Leadership & Management Development, Case Writing and Case Teaching and Research Methods focused on Quantitative Techniques including Advanced Structural Equation Modeling.
Dr Umrani has published case studies and research articles with the highly valued international research journals, some of his work is under-review with high quality journals.

Dr Khalil Ahmed Channa
Assistant Professor and Coordinator MS/PhD Programs

PhD, University of Edinburgh, UK
Master in Research (MRes, Management), Lancaster University, UK.
Master in Business Administration (MBA, HRM), IBA.
Post Graduate diploma in Business and IT, Weigan and Leigh College, UK
Dr Channa had outstanding teaching, research, and training and development background before joining Sukkur IBA in 2009. He was a founding member of human resource management faculty. Dr Channa possesses diversified research interests and achievements. He had gained vibrant teaching and research experience in couple of world's top 20 universities before re-joining Sukkur IBA in January 2016. His teaching admd research experience at University of Edinburgh, and Lancaster University, UK makes him ideal contributor for Sukkur IBA teaching, learning and scholarly communities.

Faculty Members of Business Administration

Ashfaque Ali Gilal
Assistant Professor

B.A (Hons) Shah Abdul Latif University Khairpur.
M.A Economics from Shah Abdul Latif University Khairpur.
Master of Applied Science (MAS) in applied economics from Applied Economics Research Center University of Karachi.

Mr Gilal possesses 12 years of experience of teaching various courses of economics such as Microeconomics, Macroeconomics, Development Economics, International trade and economics, engineering Economics and Global economic issues and political environment for Business at various level like intermediate, BBA, MBA and BE etc.

Areas of Interest: Macroeconomics and international tared and finance.

Sajjad Ahmed
Lecturer

MBA from Quaid-e-Azam University, Islamabad.
Chartered Management Accountant from Institute of Chartered Management Accountants of Pakistan.
BBA from Shah Abdul Latif University, Khairpur

Mr Sajjad has 06 years professional experience in industry and academia. He has been affiliated with Sukkur IBA for the last 4 years. He teaches strategic management accounting, Financial Reporting & Auditing. He is author of Multiple case studies, his research interest includes managerial accounting and financial reporting.

Noor Ahmed Khoso
Lecturer

Mr. Khoso has completed Master of Science in Economics from Quiad-i-Azam University, Islamabad. He has been engaged with teaching undergraduates and graduates since 2013. Currently he is teaching Development Economics and Issues in Pakistan's Economy and his research interests are poverty, inequality and health economics.

Ms. Ume Salma Akbar
Lecturer

PhD. in Finance from Sukkur IBA (In-Progress)
MS in Finance from Sukkur IBA
MBA in Finance from Sukkur IBA
B.Sc from Shah Abdul Latif University Khairpur Mirs

Ms. Ume Salma has five and half years of teaching and research experience. She has been affiliated with Sukkur IBA for the last six years.

Faculty Members of Business Administration

Javed Ali Tunio
Lecturer

Mr Tuno has been working with Sukkur IBA since 2015. He has completed his Bachelor degree from Sukkur IBA. Currently he is also undertaking MS in Management Sciences from Sukkur IBA.

His teaching and research area includes services marketing, strategic marketing and principles of marketing.

Muhammad Asim
Lecturer

MBA in Finance from Sukkur IBA
BBA in Finance from Sukkur IBA

Mr. Asim has been associated with Sukkur IBA from last 05 years. He teach various subjects including Accounting, finance, Corporate Finance, Capital Market. His research interests includes: Capital Market, International Finance and Corporate Finance.

Ameet Kumar
Lecturer

Mr. Ameet Kumar is Full time faculty member at the Sukkur IBA since 2015. He did his MBA in fiancé from Sukkur IBA and remained among the list of the toppers of the batch. He also served the Allied Bank on different positions as acting Operations Manager, Acting Trade Officer, Audit Compliance Officer and Clearing Officer. His main areas of interests are Corporate Finance, Managerial accounting and Financial Accounting.

Ms. Ranjeeta Sadhwani
Lecturer

Miss Sadhwani has done BBA (Hons) in Finance and MBA (case study) in Finance from Sukkur IBA. She has working experience of Finance Assistant at InduSun and also worked as Assistant Manager Finance at Center for Entrepreneurial Leadership & Incubation in Sukkur IBA. Her subjects of interest are Financial Accounting, Security Analysis, Portfolio Management and Financial Reporting. Her research interest are behavioral finance and capital asset pricing

Faculty Members of Business Administration

Ms. Badar-un-Nisa Chand
Faculty Member

PhD. Business Studies, Cardiff University, UK (Thesis submitted)
MBA (Finance), Shah Abdul Latif University (Silver Medalist)
MSc. Management. University of Bristol UK
Diploma in SSRM (Social Science Research Methods) Cardiff University, UK

Research interests Include Management Consultancy, Creativity, Innovation, Entrepreneurship, Organizational behavior, Change management, Institutional Change.

Sonia Kumari
Lecturer

MSc in Finance & Risk Management from University of London, United Kingdom
MBA in Finance from Sukkur IBA
BBA in Finance from Sukkur IBA

Ms. Sonia Kumari has been associated with Sukkur IBA from past 5 years. Her areas of interest includes: Accounting, Financial Institutes and Markets & International Finance. She has four years professional experience with various accomplishments.

Ms. Tauheed Ali Khoso
Lecturer (Study Leave)

PhD (Accounting) from University of Bristol (In-Progress)
M.Sc (Accounting & Finance) University of Cardiff, UK
M.Sc. in Accounting and Finance from University of Cardiff, UK
MBA from IBA Karachi

Ms. Tauheed has mixture of experience in industry, academia and research, she is working with Sukkur IBA for the past 06 years.

PROFESSOR OF PRACTICE

Aamir Ali Khan Ghouri
Professor of Practice - Entrepreneurship

Mr Ghouri belongs to a family which has been in business for the last six generations. He is the current Executive Director of Ghouri's group of companies.

He has remained an active participant towards educational progress of Sindh in general and towards Business management studies in particular. Aamir is Sukkur IBA's first ever Professor of Practice.

Aamir has also served previously many times on the Sukkur Chamber of Commerce and Industry's Executive Committee and Standing Committees, and has a vast experience in dealing with many Government Ministries and Departments concerned with Business. He has recently served as the President of Sukkur Chamber of Commerce and Industry.

Faraz M. Jumani
Professor of Practice

Managing Director Khairpur Sugar Mills & CEO Interworld Communication Pvt. Ltd.
Jumani Group of Companies

Mr. Jumani hails from a business family having 3 decades of remarkable affiliation to manufacturing, real estate and hospitality industry in Pakistan and abroad. Currently, he leads two progressive companies of the Jumani Group.

As a young entrepreneur and charismatic leader, he has been assuming the top positions of family business from 2013. He is also the trustee of Hidayat Jumani Welfare Trust, a Non-profit organization with head quarters in Karachi, engaged in community welfare projects in Sindh.

Faculty Members of Business Administration

Dr Naveed Ahmed Wassan
Assistant Professor

Ph.D. in Supply Chain from Kent Business School, Kent University, UK
MS in Management Sciences (Supply Chain) from Kent Business School, Kent University, UK
BS in Computer Science from Shah Abdul Latif University, Khairpur Mirs

Dr Wassan has been working with various organizations for teaching, research and web development in Pakistan and abroad. He has recently joined Sukkur IBA. He has been teaching various graduate and undergraduate courses including Warehousing and Transport Management, Logistics and Supply Chain Management, Linear Programming and its Applications and Applied Business Modelling. His area of research interest includes Logistics and Supply Chain Management with focus on vehicle routing problems and Heuristic Optimization.

Dr Tariq Aziz Sial
Assistant Professor

Ph.D. in Finance from University of Aberdeen, UK
M.S. in Financial Engineering from University of Birmingham, UK
MBA in Finance from IBA Karachi
B.E. in Software Engineering from Mehran University of Engineering and Technology, Jamshoro

Dr Tariq Aziz has obtained his PhD in Finance from Aberdeen University, United Kingdom (UK) in 2016. He has done MSc In Financial Engineering from Birmingham University, UK and MBA in Finance from Institute of Business Administration, Karachi. He also holds Bachelor of Engineering (B.E.) in Software Engineering from Mehran University of Engineering and Technology (MEUT) Jamshoro. He has worked as management trainee in Standard Chartered Bank Pakistan and Lecturer in Finance and Accounting at Sukkur IBA.

Akseer Hussain Solangi
Assistant Professor

M.Sc (Economics) - Quaid-i-Azam University Islamabad.
M.Phil (Economics) Quaid-i-Azam University Islamabad.

Mr Solangi has been associated with Sukkur IBA for the past five years assuming various academic administrative positions. He teaches various subjects including Micro and Macro Economics, Econometric and International Economics. His research interest includes monitory economics and international economics

Dr Suresh Kumar Oad Rajput
Assistant Professor

PhD Finance, Massey University, New Zealand

Dr Suresh Kumar recently joined Sukkur IBA as Assistant Professor of Finance. Previously he was associated with Karachi School of Business and Leadership (KSBL) as assistant professor of finance, and Director Research and Quality Enhancement Cell (QEC). He received Dean's List Award for exceptional PhD Thesis for the year 2015 of Massey University, New Zealand. Dr. Rajput has been selected as one of the top Young Researchers by SIRCA Australia in the Year 2013 and 2014 for presenting his PhD finance research. He also presented research papers at the Annual Meeting of Financial Management Association (FMA), 2013– in Chicago, USA

Faculty Members of Business Administration

Dr Agha Jahanzeb, PhD
Assistant Professor

Dr Jahanzeb holds PhD in Finance from University Technology Malaysia (UTM) and an MBA from Institute of Business & Technology (IBT) Pakistan. His research interest includes Corporate Finance, Financial Management, International Financing and externally-funded research projects. He has designed course modules for teaching and training on Financial Management, Corporate Finance, Research Methodology and Investment Banking.

He has also served as a reviewer for Journal of Social Science Studies and as an ad-hoc reviewer for some Emerald Journals. His research work has been published in several international peer-reviewed journals, i.e. Cogent Economics & Finance, Science International, Research Journal of Applied Sciences, Engineering and Technology etc.

Dr Mujeeb-ur-Rehman Bhayo
Assistant Professor

M.Sc and Ph.D. (Finance) from Cardiff University, United Kingdom

Mr Bhayo is an enthusiast education professional and did his Ph.D in the area of asset pricing in January 2016. His research interests include financial Economics, especially in Asset pricing and cross-section of expected stock returns, Islamic finance etc. He has number of working papers and research projects in pipeline.

Dr Sheraz Mustafa Rajput
Assistant Professor

PhD in Economics from University of York, UK
MSc in Development Economics and Emerging Markets from The University of York, UK
MSc in Economics from Quai- e Azam University Islamabad
BBA from Shah Abdul Latif University Khairpur Mirs

Mr. Sheraz has experience in the field of teaching and research. He has been affiliated with Sukkur IBA for the last 04 years.

Dr Muhammad Ali Bhatti
Assistant Professor

PhD. Agriculture – University of Western Australia
MSc. in Agriculture – Sindh Agriculture University Tando Jam

Dr Bhatti has over 20 years of experience in agriculture field in Australia and Pakistan. Before joining Sukkur IBA, he had been working with Department of Plant Sciences, University of Western Australia, PBR Consultant with Western Australian Department of Agriculture and Examiner with Plant Breeder's Rights, IP Australia. During his previous work he has accumulated the acumen of knowledge in agriculture and plant science. He is teaching students of BBA in Agribusiness.

Faculty Members of Business Administration

Engr Muhammad Azeem Abro
Assistant Professor, Program Manager (BBA)

B.E, Quaid-E-Awam University of Engineering, Science & Technology, Nawabshah
MBA (Marketing) IBA Karachi

An experienced business professional with over 14 years of expertise in the areas of Operations, Sales and Academics. He has worked in Chevron, Engro and Nestle Pakistan against different managerial positions. His area of interest includes Sales, organizational Behavior and Supply Chain Management.

Abdul Khaliq Daudpota
Assistant Professor & Program Manager MBA, BS(A&F)

CFA, CFA Institute, USA
MBA in Finance from Sukkur IBA
BBA (Hons) from Sukkur IBA

Mr Daudpota has 5 years of teaching, research and training experience. He has been affiliated with Sukkur IBA from year 2009. His Research interest include Investment management and Behavioral Finance.

Ashfaque Ahmed Lashari
Faculty Member Management Science and Director Career Development Center (CDC)

MS in Management Sciences from SZABIST (In-Progress)
MBA from SZABIST Karachi

Mr Lashari has over a decade and a half diverse experience in the field of consumer banking, career services in leading business schools, international donor agencies and teaching & research. He has been working with consumer banking industry in UAE for over 07 years. He has also worked with IBA Karachi and Sukkur IBA as lead in Career Development Center and Master Trainer on soft skills. He has also been teaching for the past 8 years marketing related courses including Brand Management, Services Marketing, Social Marketing and Change Management.

Mulazim Ali Khokhar
Assistant Professor

Mulazim Ali Khokhar joined Sukkur IBA in July 2014 and has been teaching Finance courses ever since. He teaches Financial Derivatives, Financial Institutions and Markets, Risk Management in Financial Institutions and Financial Engineering.

He has a rich professional knowledge and experience in Finance and Financial Markets. He has 3 Masters Degrees; MBA (Finance) 2007, Masters in Mathematical Methods and Models in Economics and Finance 2011 and Financial Engineering 2013. He is also CA foundation pass and CFA Level I Pass.
Along with these academics, he has rich financial markets experience of about 4 years as Research Analyst in Habib Asset Management, Pakistan and Gulf Economist and Hum Securities Limited.

Faculty Members of Business Administration

Mohsin Ameer Syed
Assistant Professor

Summer School (Entrepreneurship) from London School of Economics, UK
International MBA (Entrepreneurship), from UIBE, China
MBA - (HRM) Gold Medalist, from Sukkur IBA

Mr. Kazmi studies human resource planning and execution. His current interest focuses more on Entrepreneurship - Chinese Business Practices from an international trade perspective. Mr. Kazmi is an effective case study writer and is one of the pioneering case study instructors at Sukkur IBA. His research emphasis is more on Entrepreneurship, Change Management, Human Resource Management, Leadership and Motivation.
Mr Kazmi also work as a corporate trainer and consultant on various matters of Human Resource Management and Leadership. He has conducted several in-house and out-house training sessions for both Private and Public clients. He has worked closely with the top management of ICBC Head Office in Beijing and has done various academic projects with leading Chinese companies like SinoPec, CFDA, Danfoss, China Coal and mining company and Thai Airways (China).

Nabeel Nisar
Assistant Professor

Mr. Nabeel Nisar is a real time marketer, a trainer, an entrepreneur and a consultant on marketing and management strategies. Mr Nisar is currently serving as a full time faculty at Sukkur IBA in the department of marketing. Mr Nisar has earned his MSc. from University of Bradford, United Kingdom in the fields of marketing & management. Before joining Sukkur IBA, he served several leading national and multinational organizations against various positions.

Mr Nisar is Higher Education Commission (HEC) and International Labour Organization's (ILO) certified trainer on business startups and entrepreneurship in Pakistan. He has also been supervising MBA final year industrial projects of students.

Syed Sikander Ali Shah
Assistant Professor

Before joining Sukkur IBA, he has served as Lecturer at the Department of International Relations and Political Science, University of Sargodha for almost five years. He holds a very diverse educational background having his Matriculation and Intermediate from Cadet College Larkana, Bachelors in Mass Communication from University of Karachi, Masters and M.Phil in International Relations from Quaid-i-Azam University, Islamabad and PhD (Ongoing) in Political Science from University of Sargodha.
His areas of research are International Politics of Central Asia & South East Asia, Foreign Policies of US, EU, China, Russia, Iran, Pakistan & Turkey, Politics of Regionalism, International Political Economy of Environment, Terrorism & Third World etc.
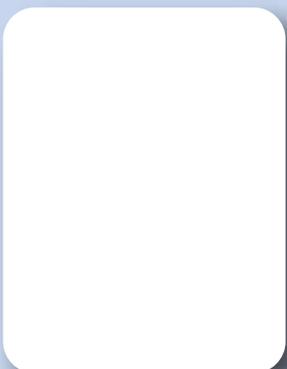
Raheela Haque Shaikh
Assistant Professor

PhD. in HRM from Sukkur IBA (In-Progress)
MS in Human Resource Management from Sukkur IBA
MBA in HRM from Sukkur IBA
BBA from Shah Abdul Latif University Khairpur Mirs

Miss Haque has been associated with Sukkur IBA for the past 2 years. She has also been working with industry for a few years as a Human Resource Management Professional. She teaches different specialized human resource management and research courses i.e., Strategic Human Resource Management, Training, Techniques and Practices, Advanced Research Methods etc. Her research interest includes Positive Organizational Behavior.

Faculty Members of Business Administration

Mansoor Ahmed Junejo
Assistant Professor (Study Leave)

Ph.D. Jyväskylä University School of Business and Economics, University of Jyväskylä in Finland
Masters of Tertiary Education Management from University Melbourne, Australia.
Post Graduate in Quality Assurance from University of Melbourne, Australia.
MPA from Quaid-e-Azam University, Islamabad.

Mr. Junejo has 9 years of experience in industry and academia. He has been associated with Sukkur IBA in various positions for the last 9 years. His research interest includes Higher education management and marketing. He teach various subjects including Business strategy organization leadership

Ubedullah Memon
Lecturer

Ubedullah Memon is a full time faculty member and Trainer of Human Resource Management at Sukkur IBA. Along with teaching experience, he had served in the national and multinational organizations of Pakistan namely; Ericsson Pakistan (Pvt.) Ltd, Adamjee Diesel and Engineering (Pvt.) Ltd, Karachi University, and Mohammad Ali Jinnah University, Karachi. Ubedullah has a significant experience of trainings in public and private sector of Pakistan. He is an author of some research articles and teaching cases. His areas of interest are Work Environment and Performance of Employees, Determinants of Motivation, and Employee Engagement.

Masroor Ali Soomro
Lecturer

Mr Soomro is a versatile professional and corporate training consultant for both soft skills and technical skills. He holds MBA in HRM from IQRA University Karachi. Furthermore, he carries an Equivalency in Master of Philosophy in HRM from Higher Education Commission (HEC) Pakistan. He has served in various organizations, both government and private. He has served the sole pioneering gas company of Pakistan, SSGCL, in the capacity of HR Co-ordination and then as External Associate Training Consultant. Mr. Soomro is a research scholar; he has one research study on his credit, "Management Styles and Employee Performance, A case Study of Public Sector Company".

Qamar Uddin Maitlo
Lecturer

MS (HRM) from Sukkur IBA
MBA (Marketing) from Shah Abdul Latif University, Khairpur Mirs

Mr Qamar Uddin has more than 6 years' teaching, training and consulting experience. He has a good experience of teaching in various programs including BBA, MBA and Executives at Sukkur IBA. Previously, he was working with Dadabhoy Institute of higher education. He was associated as a visiting faculty with SZABIST. He has also worked with various training organizations as a part-time trainer. He has 4 publications in HEC recognized international journals and 4 conference papers. His research area includes conflict management. His areas of interest are HRM, Conflict Management, Human and Organizational Behavior and Social Psychology.

Faculty Members of Business Administration

Saifullah Rahoojo
Lecturer

Mr Saifullah has been working as full time lecturer finance and accounting at Sukkur IBA since August 2015. He has done MBA from Sukkur IBA with finance specialization. He has worked in Meezan Bank limited as regional coordinator, and as Internal Audit Department of Sukkur IBA as Assistant Manager. He has got significant and progressive skills related to banking, Islamic banking, finance, accounting, taxation and auditing. His research interests include the field of finance in general and Islamic Banking and finance in particular.

Muhammad Ziauddin Khoso
Lecturer / Career Counselor

MS Career Counseling and Education from NUST, Islamabad (In-Progress)
M.Sc in Psychology from Quaid-e-Azam University, Islamabad.

Mr. Khoso has 12 years of professional, teaching and research experience, he is with Sukkur IBA from more than 4 years. His research interest includes: Career counseling, Career Education, Psychological and Emotional Health.

Suresh Kumar
Lecturer

MS in Economics from University of Sindh, Jamshoro
MBA from IBA Karachi

Mr Kumar possesses 8 years' experience in the field of finance, trading, fund management and academia. He has been affiliated with Sukkur IBA for the past 3 years in various capacities including Fund Manager and Financial Trading Lab Facilitator. He possesses advanced knowledge of tools like SAGE 50 and Bloomberg Terminal. His teaching and research interests include finance, trading, stock market, portfolio management and financial institutions.

Syed Aamir Ali Shah
Lecturer, (Study Leave)

PhD. in Operations Management from LUMS, Lahore (In-Progress)
M.A in Economics from Cleveland State University (CSU), USA (Fullbright Scholar)
B.S. in Economics from LUMS, Lahore

Mr Shah joined Sukkur IBA in 2014. His areas of expertise are economics and operations management. He has completed his Masters from Cleveland State University, USA. Currently he is on study leave pursuing his Ph.D. from LUMS, Lahore. His research interests include Service Operations Management and Supply Chain Management.

Faculty Members of Business Administration

Muhammad Saleem Korejo
Lecturer

Mr. Muhammad Saleem is an Advocate of High Court and faculty member of Laws and Behavioral Sciences. He has five years of teaching experience and has been teaching various subject i.e. Social Psychology & Self Development, Human Behavior, Organizational Behavior, World History, and Current Affairs & Geography in different programs. In addition, he possesses specialty in Corporate and Tax laws, besides this he conducts case study sessions on Legal and Regulatory Environment of Business.

Ms. Sehrish Bukhari
Lecturer

Ms Sehrish Bukhari is a full time faculty member at Sukkur IBA. She possesses over 6-year full time work experience in teaching and corporate sector. She has been affiliated with teaching since 2013. She has also worked with JWT Asiatic (prominent advertisement agency) and Habib Bank Limited. She has completed her BBA and MBA degree programs from Sukkur IBA. Currently she is enrolled pursing her Ph.D. from Sukkur IBA and working on her thesis. Her research work is on abusive supervision, employee voice behavior and help seeking behavior.

Ms. Sanam Mahar
Lecturer

MS in HRM from Sukkur IBA
BBA in Marketing from Shah Abdul Latif University, Khairpur

Miss Sanam Mahar has been associated with Sukkur IBA for the past four years. She possesses a total of six years' experience of teaching BBA and MBA students. In her career, she has taught various subjects of Marketing and HRM including Organizational Behavior, Business Research Methods, Business Ethics and Leadership. Her research areas are Organizational Behavior and HRM, with particular focus on behaviorism and Conflict Management.

Saeed Abbas Shah
Assistant Professor (Study Leave)

MSc. Digital Marketing from UCD, Ireland (In-Progress)
MBA - Marketing from SZABIST, Karachi

Mr Shah has been associated with Sukkur IBA for past five years. He has vast experience of working with Advertising Agencies and Media Houses in Karachi, Pakistan. He also worked with Google, EU Head Quarter Dublin, Ireland. His areas of expertise are Digital Marketing, Advertising, Experiential Marketing, Brand Management Adment and Strategic Marketing Management. He has presented his research work at different National and International Conferences.

Faculty Members of Business Administration

Raja Shahzad
Assistant Professor (Study Leave)

PhD in Finance Durham University, UK (In-Progress)
MS in Finance from Durham University, UK
MBA in Finance from Sukkur IBA
BBA (Hons) from Sukkur IBA

Mr. Shahzad has 07 years of experience in teaching and research. He has been associated with Sukkur IBA for 04 years.
His research work has been published in reputable research journals.

Hyder Ali Khuwaja
Assistant Professor (Study Leave)

Mr Hyder Ali is Assistant Professor (Finance) in Business Department Sukkur Institute of Business Administration. His areas of interest are Financial Accounting, Managerial Accounting, Financial Derivatives, Portfolio Management, Behavioral Finance, Security Analysis, Strategic Financial Management, and Analysis of Financial Reporting. He is currently on study leave to pursue his PhD from University of Manchester, UK.

Sarfraz Ahmed Dakhan
Lecturer (Study Leave)

PhD Development Economics from UWS, Paisley, UK (In-Progress)
M.Sc. in Economics from Quaid-i-Azam University, Islamabad.
B.A. in Economics from Shah Abdul Latif University Khairpur Mir's.

Mr Dhakan has a decade of teaching and research experience in the field of economics.
He has been with Sukkur IBA since 2001.

Aijaz Ahmed Shaikh
Assistant Professor (Study Leave)

Ph.D. Jyväskylä University School of Business and Economics, University of Jyväskylä in Finland
M.Sc. (Advanced Financial Information Systems) from Hanken School of Economics in Finland
M.Com. the University of Karachi
B.Com. the University of Karachi

Aijaz has over 15 years of professional, university teaching and research experience. He is associated with Sukkur IBA since 2011. His research papers have appeared in impact factor journals and renowned conference proceedings.

Faculty Members of Business Administration

Naveed Akhtar Qureshi
Lecturer (Study Leave)

PhD in Business Development Research from University of Surry, UK (In-Progress)
MBA in Finance with distinction from Sukkur IBA

Mr. Qureshi has a vast teaching and research experience. He has been affiliated with Sukkur IBA for past 13 years.

Syed Ali Akbar Rizvi
Faculty Member and Director Center for Entrepreneurial Leadership and Incubation (CELInc.)
(Study Leave)

PhD. in Entrepreneurship (Family Firms) at Durham University, UK (In-Progress)
Masters in Management (Entrepreneurship) from Durham University, UK (Chevening Scholar)
BS (BA) in Information Systems and Marketing from Drake University, USA

Syed Ali Akbar Rizvi is the founder director for Center for Entrepreneurial Leadership and Incubation (CELInc.) at Sukkur IBA. Currently on a sabbatical. He is also a faculty member at Sukkur IBA and has been visiting faculty at several business schools in Pakistan. He also consults on IT and Marketing projects and has experience of working in several business environments including United States, United Kingdom, Dubai (UAE) and Pakistan. He also attended INSEAD for their flagship INSEAD Social Entrepreneurship Program.

Haider Ali Zaidi
Lecturer (Study Leave)

PhD from University of Leicester, UK (In-Progress)
M.S from University of York, UK

Mr Zaidi has enormous teaching experience in some universities of Pakistan. He has completed his M.Sc. and M.Phil. from Bahauddin Zakaria University Multan with distinction. His area of interest is related to the field of economics.
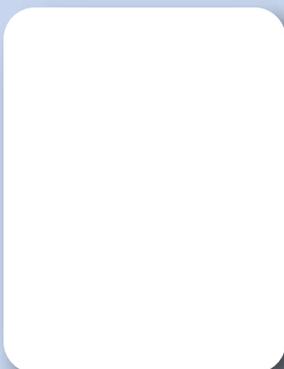
Muhammad Abdul Basit
Lecturer (Study Leave)

PhD in Business Studies from Middlesex University, UK (In-Progress)
MS in Human Resource Management from University of Surry, UK

He has been affiliated with Sukkur IBA for the past 04 years.

Faculty Members of Business Administration

Faiz Muhammad Khuwaja
Assistant Professor (Study Leave)

PhD from University of Utara, Malaysia (In-Progress)
MS in Management Sciences from SZABIST Karachi
MBA in Marketing from Shah Abdul Latif University, Khairpur

Mr. Khuwaja has 19 years of experience in teaching, research and industry. He has been associated with Sukkur IBA for the past 19 years. His research interest includes: Higher Education Entrepreneurial Marketing

Muhammad Farooque
Assistant Professor (Study Leave)

PhD from Auckland University of Technology New Zealand
MS Supply Chain Management from University of Management and Technology (UMT), Lahore
BBA(Hons.) from University of Management and Technology (UMT), Lahore

Muhammad Farooque is currently a Faculty Member at Sukkur IBA, besides he has served in the corporate sector in well reputed national and multinational organizations. As a trainer he has been part of ASP-LUMS training program in Procurement Management for decision makers; Capacity Building Trainings for DOEs, DEOs, Principals, HMs & Faculty Members of TTIs under Sindh Elementary Teachers Training Project and several corporate sector trainings/workshops on Supply Chain Management. His research interests include areas relating to Supply chain, Operations and Project Management.

Ali Raza Mangi
Lecturer (Study Leave)

PhD from University Sains, Malaysia
MS from Glasgow Caledonian University, Scotland, UK

Mr Ali Raza has been a full-time faculty member and trainer of Human Resource Management at the Sukkur IBA since 2013. Prior, he also served in corporate sector such as Quiz Clothing Glasgow, Engro Foods Limited Sukkur, Bearing Point Consultancy Karachi particularly in Human Resource domain. Mr. Raza has significant experience of training within Private and Public Sector of Pakistan. In addition, he is also involved extensively in Case Study Writing/Teaching Training and Workshops to the students, researchers and the faculty members.

Mr Raza is an author of several research articles and business cases in journals and conferences.

DEPARTMENT OF
COMPUTER SCIENCE

Introduction

Department of Computer Science has been established to spread computing and information sciences education with unique philosophy of Sukkur IBA. The Department is highly intended towards the integration with other disciplines that are significant to institutional, national and international growth, including but not limited to the disciplines of statistics, economics, finance, business administration, education and engineering. In today's information age, applications of computing and information sciences have emerged pervasively in all the walks of society. As a result of this important development, new challenges and opportunities for education and research in computing and information sciences have been created. The department has designed its program to cater those challenges and get full advantage form opportunities.

Department offers a wide range of degree programs at undergraduate and graduate levels. The undergraduate programs include Bachelor of Science in Computer Science BS (CS) and Bachelor of Science in Software Engineering BS(SE). The graduate programs include Master of Science in Computer Science MS (CS), Master of Science in Software Engineering MS (SE), and Doctor of Philosophy in Computer Science Ph.D. (CS).

Mission Statement

The mission of Computer Science Department is to provide quality education in both theory and applications of computer science, information technology and software engineering to serve the community. We aim to integrate with other departments for achieving knowledge as a whole. We strive to equip our graduates with awareness of ethical norms and technological skills to promote their entrepreneurial behavior and leadership expertise.

Goals and Objectives of Bachelor of Science (Computer Science) BS (CS)

1. Adequate Domain Knowledge:

To produce graduates who possess adequate knowledge and skills to qualify to become competent applications developers, database programmers / designers, system developers / analysts or network administrators / managers etc. The objectives of this goal are to produce graduates having:

a. Knowledge of core computing, mathematics, and science fitting to the discipline.

b. Ability to apply acquired knowledge in developing solutions using state-of-the-art methods, techniques, skills, and tools.

c. Skills to construct software programs using latest programming languages.

2. Critical Analysis and Problem Solution:

To produce graduates who can critically analyze a problem, and develop appropriate computer-based solution by identifying the computing requirements for that solution. The objectives of this goal are to produce graduates having:

a. Ability to critically analyze a problem, identify computing requirements for its different solutions and apply the most optimized solution.

b. Ability to design, implement, and evaluate computer-based system solutions.

c. Ability to apply design and development principles in the construction of automated solutions for various problems.

3. To familiarize graduates with multi-disciplinary work style. The objectives of this goal are to produce graduates having:

a. Ability to work effectively in multidisciplinary teams to accomplish a common goal.

b. Sufficient domain knowledge of relevant disciplines.

c. Skills to use software project management tools and methods.

4. Awareness of state-of-the-art Technologies:

To produce graduates well aware of technological advancements in the field of computer science that enables them in decision making. The objectives of this goal are to produce graduates having:

a. Awareness of emerging trends and changes in computing domain.

b. Ability to conceive and select market oriented projects for Final Year Projects (FYPs).

c. Skill to provide effective consultations to organizations requiring computer-based solutions.

5. Effective Communication:

To produce graduates who can effectively communicate their ideas and work, both orally and in writing. The objectives of this goal are to produce:

a. Graduates who communicate effectively with diverse stakeholders.

b. Graduates who possess ability to write research proposal and project reports.

c. Graduates who possess ability to present research and development work.

6. Ethical Values:

To produce graduates well aware of professional, ethical, legal, security and social dimensions. The objectives of this goal are to produce graduates having:

a. Ability to demonstrate professional approach in work at Institute as well as at workplace.

b. Ability to exhibit ethical behavior within colleagues, Institution, workplace and society.

c. Ability to realize the legal values for using software and other intellectual properties.

7. Society Services:

To sensitize the graduates about the impact of their technological work on society and environment. The objectives of this goal are to produce graduates having:

a. Skills to identify real-world problems and provide computing solutions for these problems.

b. Skills to understand current environmental issues of today's electronic world.

Scheme of Studies: BS (Computer Science)

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
CSC-101	Introduction to Information and Communication Technology (ICT)	4 (3 + 1)	None
CSC-102	Introduction to Programming	4 (3 + 1)	None
ENG-101	Functional English	3 (3 + 0)	None
MTS-101	Pre - Calculus	Non - Credit	None
HUM-101	Islamic Studies/Ethics	2 (2 + 0)	None
HUM-102	Pakistan Studies	2 (2 + 0)	None
	Total Credit Hours	**15**	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
CSC-150	Object-Oriented Programming	4 (3 + 1)	CSC-102
MTS-150	Calculus and Analytic Geometry	3 (3 + 0)	MTS-101
ENG-150	Communication and Presentation Skills	3 (3 + 0)	ENG-101
CSC-151	Discrete Structures	3 (3 + 0)	-NONE-
ESE-150	Basic Electronics	4 (3 + 1)	-NONE-
	Total Credit Hours	**17**	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
CSC-201	Data Structures	4 (3 + 1)	CSC-102
ENG-201	Technical Writing	3 (3 + 0)	ENG-101
ESE-201	Digital Logic Design	4 (3 + 1)	ESE-150
MTS-201	Multivariate Calculus	3 (3 + 0)	MTS-150
CSC-202	Object Oriented Analysis and Design	3 (2 + 1)	CSC-150
	Total Credit Hours	**17**	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CSC-252	Operating Systems	4 (3 + 1)	-NONE-
CSC-250	Computer Architecture & Assembly Language	4 (3 + 1)	ESE-201
MTS-250	Linear Algebra	3 (3+ 0)	NONE-
CSC-251	Database Systems	4 (3 + 1)	-NONE-
SWE-250	Software Engineering	3 (3 + 0)	-NONE-
	Total Credit Hours	**18**	

Scheme of Studies: BS (Computer Science)

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
xxx-xxx	UG – Elective - I	3 (3 + 0)	--
MTS-301	Differential Equations	3 (3 + 0)	MTS-150
CSC-302	Computer Communication and Networks	4 (3 + 1)	-NONE-
CSC-301	Analysis of Algorithms	3 (3 + 0)	CSC-102
CSC-304	Theory of Automata	3 (3 + 0)	CSC-102
	Total Credit Hours	16	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
CSC-350	Artificial Intelligence	3 (3 + 0)	-NONE-
CSC-352	Web Engineering	4 (3 + 1)	CSC-102
xxx-xxx	CS – Elective I	3 (3 + 0)	-NONE-
xxx-xxx	CS-Elective-II	3 (3 + 0)	-NONE-
xxx-xxx	UG – Elective - II	3 (3 + 1)	-NONE-
MTS-351	Probability and Statistics	3 (3 + 0)	--
	Total Credit Hours	19	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
CSC-401	Human Computer Interaction	3 (3 + 0)	SWE-250
SWE-350	Software Project Management	3 (3 + 0)	SWE-250
xxx-xxx	CS-Elective-II	3 (3 + 0)	---
xxx-xxx	CS-Elective-III	3 (3 + 0)	--
FYP-401	Project-I	3 (0 + 3)	-NONE-
	Total Credit Hours	15	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
CSC-451	Network Security	3 (3 + 0)	CSC-302
xxx-xxx	CS Elective-IV	3 (3 + 0)	---
xxx-xxx	CS-Elective-V	3 (3 + 0)	--
xxx-xxx	UG-Elective-III	3 (3 + 0)	--
FYP-451	Project-II	3 (0 + 3)	FYP-401
	Total Credit Hours	15	

List of Electives

S.No.	Credit Hours	Title
1	4 (3 + 1)	Web Engineering
2	3 (2 + 1)	Computer Graphics and Animations
3	3 (3 + 0)	Software Project and Quality Management
4	3 (3 + 0)	Multimedia Technologies
5	3 (3 + 0)	Grid Computing
6	3 (3 + 0)	Broadband Communication Networks
7	3 (3 + 0)	Error Correction and Coding Techniques
8	3 (3 + 0)	Distributed Computing
9	3 (2 + 1)	Mobile Application and Development
10	3 (3 + 0)	Emerging Trends in Computing
11	3 (3 + 0)	Independent Study
12	3 (3 + 0)	Soft Computing
13	3 (3 + 0)	Machine Learning with Market Illustration
14	3 (3 + 0)	Scientific Computing
15	3 (3 + 0)	Software Engineering
16	3 (3 + 0)	Digital Image Processing
17	3 (3 + 0)	Digital Signal Processing
18	3 (3 + 0)	Computer Vision
19	3 (3 + 0)	Data and Network Security
20	3 (3 + 0)	Wireless Networks
21	3 (3 + 0)	Social Computing
22	3 (3 + 0)	Data Ware Housing
23	3 (3 + 0)	Expert System
24	3 (3 + 0)	Artificial Neural Network
25	3 (3 + 0)	Fuzzy Logic
26	3 (3 + 0)	Fundamental of Data Mining
27	3 (3 + 0)	Computational Intelligence
28	3 (3 + 0)	Multi Agent System
29	3 (3 + 0)	Natural Language Processing
30	3 (3 + 0)	Game Development
31	3 (3 + 0)	Logical paradigms of computing
32	3 (3 + 0)	Formal Methods for Software Engineering
33	3 (2 + 1)	Visual Programming
34	3 (3 + 0)	Project Quality Management
35	3 (3 + 0)	Software Verification and Validation
36	3 (3 + 0)	Information Security

* Elective subjects are subject to the availability of Faculty.

S.No.	Credit Hours	Title
1	3 (3 + 0)	Principles of Management
2	3 (3 + 0)	E-Business Management
3	3 (3 + 0)	Entrepreneurship
4	3 (3 + 0)	Professional Ethics
5	3 (3 + 0)	Financial Accounting
6	3 (3 + 0)	Methods of Business Research
7	3 (3 + 0)	Management Information Systems
8	3 (3 + 0)	Organizational Behavior
9	3 (3 + 0)	Human Resource Management
10	3 (3 + 0)	Financial Accounting
11	3 (3 + 0)	Financial Management
12	3 (3 + 0)	Human Resource Management
13	3 (3 + 0)	Marketing
14	3 (3 + 0)	Economics
15	3 (3 + 0)	Psychology
16	3 (3 + 0)	International Relations
17	3 (3 + 0)	Foreign/Regional Language (French, German, Sindhi, Punjabi, Urdu etc.)
18	3 (3 + 0)	Philosophy

List of General Electives

* Elective subjects are subject to the availability of Faculty.

Goals and objectives of Bachelors of Science (Software Engineering) BS (SE)

The main goals of BS (Software Engineering) program are:

1. Adequate Domain Knowledge:

To produce graduates who possess adequate knowledge and skills to qualify to become competent software engineers, applications developers, system developers / analysts. The objectives of this goal are to produce graduates having:

a. Knowledge of core software engineering, mathematics, and science, fitting to the discipline.

b. Ability to apply this knowledge in developing software solutions using state-of-the-art methods, techniques, skills, and tools.

c. Skills to construct software programs using latest high level programming languages.

2. Critical Analysis and Problem Solution:

To produce graduates who can critically analyze a problem, and develop appropriate software solution by identifying the software requirements for that solution. The objectives of this goal are to produce graduates having:

a. Ability to critically analyze a problem, identify software requirements for its different solutions and apply the most optimized solution.

b. Ability to design, implement, and evaluate a software solution.

c. Ability to apply design and development principles in the construction of automated software solutions for various problems.

3. Software engineering Tools and methods:

To produce graduates who can use appropriate software engineering tools and methods to model, simulate and test their designs. The objectives of this goal are to produce graduates having:

a. Ability to use diverse software engineering tools and techniques.

b. Skills to use various simulations applications and packages

c. Awareness of software development life cycle and CASE tools.

d. Awareness of software quality assurance standards.

4. Awareness of state-of-the-art Technologies:

To produce graduates well aware of technological advancements in the field of Software Engineering that enables them in decision making.

a. Consciousness of current trends and changes in computing domain. Ability to select market oriented projects for FYPs.

b. Skills to offer effective consultations to organizations requiring computer-based solutions.

5. Effective Communication:

To produce graduates who can effectively communicate their ideas and work, both orally and in writing. The objectives of this goal are to produce:

a. Graduates who can communicate effectively with a range of audiences

b. Graduates who possess ability to write research and development reports. Ability to present research and development work.

6. Ethical Values:

To produce graduates well aware of professional, ethical, legal, security and social paradigms. The objectives of this goal are to produce graduates having:

a. Ability to demonstrate professional approach in research and development work at Institute as well as at workplace.

b. Ability to reflect ethical behavior among colleagues, Institution, workplace and general society.

c. Ability to realize the legal values for using software and other intellectual properties.

d. Ability to properly serve the society through the application of computer technology.

7. Society Services:

To sensitize the graduates about the impact of their technological work on society and environment. The objectives of this goal are to produce graduates having:

a. Skills to identify social problems and provide computing solutions for these problems.

b. Skills to understand the needs for current society and environment of today's electronic world.

Course Schema: BS (Software Engineering)

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
CSC-101	Introduction to Information and Communication Technology (ICT)	4(3 + 1)	None
			None
CSC-102	Introduction to Programming	4 (3 + 1)	None
ENG-101	Functional English	3 (3 + 0)	None
MTS-101	Pre - Calculus	Non - Credit	None
HUM-101	Islamic Studies/Ethics	2 (2 + 0)	None
HUM-102	Pakistan Studies	2 (2 + 0)	None
	Total Credit Hours	15	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
CSC-150	Object-Oriented Programming	4 (3 + 1)	CSC-102
MTS-150	Calculus and Analytic Geometry	3 (3 + 0)	MTS-101
ENG-150	Communication and Presentation Skills	3 (3 + 0)	ENG-101
CSC-151	Discrete Structures	3 (3 + 0)	-NONE-
ESE-150	Basic Electronics	4 (3 + 1)	-NONE-
	Total Credit Hours	17	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
CSC-201	Data Structures	4 (3 + 1)	CSC-102
ENG-201	Technical Writing	3 (3 + 0)	ENG-101
ESE-201	Digital Logic Design	4 (3 + 1)	ESE-150
MTS-201	Multivariate Calculus	3 (3 + 0)	MTS-150
CSC-202	Object-Oriented Analysis and Design	3 (2 + 1)	CSC-150
	Total Credit Hours	17	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CSC-252	Operating Systems	4 (3 + 1)	-NONE-
CSC-250	Computer Architecture & Assembly Language	4 (3 + 1)	ESE-201
MTS-250	Linear Algebra	3 (3+ 0)	NONE-
CSC-251	Database Systems	4 (3 + 1)	-NONE-
SWE-250	Software Engineering	3 (3 + 0)	-NONE-
	Total Credit Hours	18	

Course Schema: BS (Software Engineering)

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
SWE-301	Software Requirements Engineering	3 (3 + 0)	SWE-250
MTS-301	Differential Equations	3 (3 + 0)	NONE-
CSC-302	Computer Communication and Networks	4 (3 + 1)	-NONE-
xxx-xxx	SE Elective- I	3 (3 + 0)	--
xxx-xxx	SE Elective- II	3 (3 + 0)	--
xxx-xxx	CS Elective -I	3 (3 + 0)	--
	Total Credit Hours	**19**	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
SWE-350	Software Project Management	3 (3 + 0)	SWE-250
CSC-352	Web Engineering	4 (3 + 1)	CSC-102
SWE-351	Software Verification and Validation	3 (3 + 0)	-NONE-
xxx-xxx	SE Elective -III	3 (3 + 0)	--
xxx-xxx	UG -Elective-II	3 (3 + 0)	--
MTS-351	Probability and Statistics	3 (3 + 0)	--
	Total Credit Hours	**19**	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
SWE-401	Software Architecture	3 (3 + 0)	SWE-250
CSC-401	Human Computer Interaction	3 (3 + 0)	-NONE-
xxx-xxx	SE-Elective - IV	3 (3 + 0)	--
xxx-xxx	UG -Elective-III	3 (3 + 0)	--
FYP-401	Project-I	3 (0 + 3)	-NONE-
	Total Credit Hours	**15**	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
SWE-450	Software Engineering Economics	3 (3 + 0)	SWE-250
SWE-451	Software Quality Engineering	3 (3 + 0)	-NONE-
xxx-xxx	SE-Elective-V	3 (3 + 0)	--
xxx-xxx	UG -Elective-IV	3 (3 + 0)	--
FYP-451	Project-II	3 (0 + 3)	FYP-401
	Total Credit Hours	**15**	

List of Electives

S.No.	Credit Hours	Title
1	3 (2 + 1)	Object-Oriented Analysis and Design
2	4 (3 + 1)	Web Engineering
3	3 (2 + 1)	Visual Programming
4	3 (3 + 0)	Network Security and Management
5	3 (2 + 1)	Computer Graphics and Animations
6	3 (3 + 0)	Human Computer Interaction
7	3 (3 + 0)	Business Continuity Planning
8	3 (3 + 0)	Independent Study
9	3 (3 + 0)	Agile Software Development
10	3 (3 + 0)	Distributed Computing
11	3 (3 + 0)	Formal Methods in SE
12	3 (3 + 0)	Information System Audit
13	3 (3 + 0)	Business Process Re-Engineering
14	3 (3 + 0)	Data Science
15	3 (3 + 0)	Software Risk Management
16	3 (3 + 0)	Data Security
17	3 (3 + 0)	Future Trends in Computing
18	3 (3 + 1)	Multimedia Technologies
19	3 (3 + 0)	Principles of Management
20	3 (3 + 0)	E-Business Management
21	3 (3 + 0)	Grid Computing
22	3 (3 + 0)	Emerging Trends in Computing
23	3 (3 + 0)	Numerical Computing
24	3 (3 + 0)	Mobile Application and Development
25	3 (3 + 0)	Introduction Soft Computing
26	3 (2 + 1)	Real-time Systems
27	3 (2 + 1)	Data Warehousing
28	3 (2 + 1)	Data Mining
29	3 (2 + 1)	Artificial Intelligence
30	3 (2 + 1)	Data Security and Encryption
31	3 (2 + 1)	Secure Software Development
32	3 (3 + 0)	Automata Theory and Formal languages
33	3 (2 + 1)	Advance Database Management System
34	3 (2 + 1)	Introduction to Bioinformatics
35	3 (2 + 1)	Bioinformatics Software Engineering
36	3 (2 + 1)	Web-Engineering
37	3 (3 + 0)	System Analysis and Design
38	3 (2 + 1)	Event Driven Programming
39	3 (2 + 1)	Aspect Oriented Software Design
40	3 (2 + 1)	Agent Based Computing
41	3 (2 + 1)	Cloud Computing
42	3 (3 + 0)	Social Networks
43	3 (2 + 1)	Intro. To Complex Networks
44	3 (2 + 1)	Functional Programming
45	3 (2 + 1)	Mobile Computing
46	3 (3 + 0)	Formal Methods
47	3 (3 + 0)	Design Pattern

* Elective subjects are subject to the availability of Faculty.

General Elective Courses for Computer Science

List of Electives

S.No.	Credit Hours	Title
1	3 (3 + 0)	Research Methodology
2	3 (3 + 0)	Principles of Management
3	3 (3 + 0)	E-Business Management
4	3 (3 + 0)	Entrepreneurship
5	3 (3 + 0)	Professional Ethics
6	3 (3 + 0)	Financial Accounting
7	3 (3 + 0)	Methods of Business Research
8	3 (3 + 0)	Management Information Systems
9	3 (3 + 0)	Organizational Behavior
10	3 (3 + 0)	Human Resource Management
11	3 (3 + 0)	Financial Accounting
12	3 (3 + 0)	Financial Management
13	3 (3 + 0)	Human Resource Management
14	3 (3 + 0)	Marketing
15	3 (3 + 0)	Economics
16	3 (3 + 0)	Psychology
17	3 (3 + 0)	International Relations
18	3 (3 + 0)	Foreign/Regional Language (French, German, Sindhi, Punjabi, Urdu etc.)
19	3 (3 + 0)	Philosophy

* Elective subjects are subject to the availability of Faculty.

Faculty of Computer Science

Dr Muhammad Abdul Rehman Soomrani
Associate Professor & Head of Department

PhD. from University of Bayreuth, Germany.
MS in Computer Science from SZABIST, Karachi.
B.E from Mehran University of Science and Technology Jamshoro.
OCP, Oracle Certified Professional (DBA Track).
HEC Approved PhD supervisor

Dr Abdul Rehman has more than 15 years of teaching, research and develoment experience with a wide range of database, data mining and semantic web technologies. He received his Ph.D. in Computer Science from the University of Bayreuth Germany. Prior to joining Sukkur IBA, he worked as an Assistant Professor at Quad-e-Awam Engineering University and prior to that as a Database Administrator at AOL Pakistan Ltd. Dr. Rehman's research interests focus around the broad topic of 'Scientific Data Management' which essentially includes data logistic (retrieval, movement, and storage), data conversion, structural and semantic data interoperability (integration and transformation). He has published several research papers in peer-reviewed journals as well as presented his research work at various well-known international / national conferences.

Dr Qamar Uddin Khand
Associate Professor/
Coordinator MS and PhD Program (Computer Science)

PhD from Muroran Institute of Technology, Hokkaido Japan.
M.E. from Muroran Institute of Technology, Hokkaido Japan.
M.Sc. from (Hons), University of Sindh, Jamshoro, Pakistan.
B.Sc. (Hons) from University of Sindh, Jamshoro, Pakistan.

Dr. Khand has more than Twenty years of working/research experience in the academia and industry. He has been associated withSukkur IBA for last Ten years. His teaching interests include: Computer Graphics, Operating Systems, Algorithms and Data Structures, Artificial Intelligence, and Software Engineering. His current research interests include Embedded Control Systems, Sketch-Based Interfaces and Modeling, Soft Computing, Computer Graphics, and Renewable Energy based Irrigation Systems.

Engr Zahid Hussain Khand
Assistant Professor/Registrar

M.Sc in Software Development from University of Huddersfield, U.K.
P.G.D, Computer Science, CTC Islamabad
B.E in Electrical Engineering from Mehran University of Engineering and Technology

Mr Khand has twenty five (25) years of teaching and administration experience at university level. Before joining the Sukkur IBA in the year 2001, Mr Khand worked at the Mehran University College of Engineering and Technology, Nawabshah, Quaid-E-Awam University Engineering Sciences and Technology, Nawabshah and at Siemens Pakistan Limited Karachi. Mr. Khand is pursuing PhD from University of Liverpool, UK in higher education managment. Mr. Khand holds the degree of MSc Software Development from University of Huddersfield, UK and Bachelor of Engineering (Electrical Engineering) from Mehran University of Engineering and Technology, Jamshoro. His strengths are project preparation, project planning and management, Green office initiatives, Strategic planning and Software Development. He is the Project Coordinator of PeopleSoft Campus Management Solution (CMS), Human Capital Management (HCM) and Financials and Supply Chain Management (FSCM), LMS, Library Management Software and ICT services at Sukkur IBA. He is a member of various professional organizations like IEEE, ACM & PEC. He has been associated with Sukkur BA since last 15 years. His research interest are "Use of ICT in higher education governance".

Dr Sher Muhammad Daudpota
Assistant Professor

PhD in Computer Science from AIT Thailand
M.E. in Computer Science from AIT, Thailand
M.Sc in Telecommunication from University of Sindh, Jamshoro (Gold Medalist)
B.Sc in Communication Technologies University of Sindh Jamshoro (Silver Medalist)

Dr. Daudpota has been associated with Sukkur IBA from past 12 years. During his PhD at AIT, he worked on Multimedia Data Mining under the supervision of Prof Sumanta Guha and produced many national international publications. He is an expert in Quality Assurance in academia. Currently he is working as Director Quality Enhancement Cell and Assistant Professor of Computer Science at Sukkur IBA where his responsibility is to assure quality in different academic programs, teach computing courses and supervise MS/PhD students' research. He has also worked on different international assignments related to Quality Assurance in academia. Dr Daudpota is also working with Johnson County Community College USA to develop a model of community colleges for Pakistan

Faculty of Computer Science

Dr Muhammad Ajmal Sawand
Assistant Professor

PhD in Computer Science from Paris Descartes University, Paris France
Masters in Computer Science from Jean Monnet University Saint Etienne, France
Bachelor of Engineering (B.E) from Mehran University of Engineering and Technology Jamshoro, Sindh

Dr M. Ajmal Sawand has more than 10 years of teaching and research experience. Previously he was working as an Assistant Professor at the University of Paris Descartes, Paris France. He was also a research associate at Laboratories Paris Descartes a government of France research laboratory affiliated with University of Paris Descartes, Paris France. His professional research interests include security and resource management in Wireless Medical Sensor Networks, Wireless Body Area Networks, Wireless Sensor Networks, Virtual Sensor Networks, Mobile Crowd Sensing, Participatory Sensing, Quality of Monitoring for medical and health applications and Quality of Service optimization for audiovisual communications.

Dr Ahmad Waqas
Assistant Professor

PhD in Computer Science from International Islamic University Malaysia
MS in Computer Communication and Networks from Sukkur IBA Pakistan
MCS from University of Karachi Pakistan.

Dr Waqas has been involved in teaching at graduate and post graduate level in the field of computer science for the last ten years. He has published more than 20 research papers in international journals and conference proceedings (IEEE and ACM). He is also working as technical and program committee member for many international journals and conferences. His areas of interests are Distributed Computing, Cloud Computing Security and Auditing, Computing architectures, theoretical computer science, Data structure and algorithms.

Dr Javed Ahmed Shahani
Assistant Professor

Erasmus Joint PhD. (Law, Science, and Technology) from University of Bologna, University of Torino, Autonoma de Barcelona University and University of Luxembourg
M.S. (Computer Science) from FAST-NU, Karachi
M.Sc. (Electronics) from University of Sindh, Jamshoro

Mr Ahmed has been awarded Erasmus Mundus fellowship from European Commission to pursue the joint international doctorate in Law, Science, and Technology from aforementioned four European Universities. He has also been a winner of short-term research scholarship (EURECA) to conduct one year research at University of Paderborn, Germany. He also completed M.S. degree on a scholarship from HEC, Pakistan.
Mr. Ahmed has a vast teaching experience in prestigious higher education institutions of Pakistan which include FAST-NU, IBA Karachi, Sukkur IBA, ICMAP Karachi. He also has vast research experience in Semantic Web, Privacy & Data Protection, and Mult-Agent Systems. He has published 18 research papers that include 6 journal and 12 conference papers.

Jawaid Ahmed Siddiqui
Assistant Professor & Coordinator BS Program

MS (SPM) from National University of Computer & Emerging Sciences, FAST Karachi
MCS from University of Sindh Jamshoro
BCS from Shah Abdul Latif University Khairpur Mirs

Mr. Siddiqui possess 15 years of teaching and research experience, he is one of the senior faculty members of institute and has been working for Sukkur IBA from past 15 years.

Faculty of Computer Science

Muhammad Irshad Nazeer
Assistant Professor

B.Sc (Electronics) from University of Sindh Jamshoro
MS (CS) FAST – National University of Computer and Emerging Sciences, Karachi
BE (IT) Hamdard University, Karachi.

Mr. Irshad Narzeer has been associated with Sukkur, IBA since 2012, his research interests are Data Science, Communication Networks, Computational Intelligence, Theoretical Computer Science and Applied Information Technology, he has demonstrated potential for ICT trainings, outstanding research and a promise of effective teaching at under-graduate through graduate levels including the supervision of research projects. To his credit, he has four conference publications and two journal publications in an HEC approved journal. His overall teaching experience spans over a period of ten years.

Ghulam Murtaza Memon
Assistant Professor

MS(CS) Software Engineering From PAF-KIET Karachi.
M.Sc Computer Science From University of Sindh Jamshoro.
B.Sc. (Hons) Computer Science From University of Sindh Jamshoro.

Mr. Memon has 15 years of teaching experience and 3 years of software house experience. He has been associated with Sukkur IBA since August 2014. His research interests are Data mining, Digital Image watermarking Security, Software Engineering. His teaching includes Software Engineering, Agile Software Development, Algorithm Design & Data Structures, SQA, Theory of Automata, Compiler Construction, Introduction to ICT.

Muhammad Ismail Mangrio
Assistant Professor

MS, Information and Communication Engineering from Myongji University, South Korea
BE, Computer Systems Engineering from Mehran University of Engineering and Technology, Jamshoro, Sindh

Mr Mangrio has more than five years of working experience: with one year in IT industry and more than four years in teaching and research. His current research interests include: 1) Pattern recognition and Machine learning 2) Privacy issues in cloud and mobile computing.

Sarmad Soomro
Assistant Professor

MSc from Universiti Teknologi PETRONAS, Malaysia
BS(CS) from Shah Abdul Latif University Khairpur, Paksitan

Mr Sarmad Soomro has more than six years of technical/academic/research experience in the academia and industry. His teaching and research interests includes: Programming, Databases, Human Computer Interaction, Usability Engineering, Mobile Interface Evaluation, Playability Heuristics for Games & Collaborative Interactive Tabletops Evaluation.

Faculty of Computer Science

Nisar Ahmed Siddiqui
Lecturer

BS in Computer Science from COMSATS Institute of Information Technology Lahore (2012).

Mr Nisar has 3 years working experience in IT industry. He has been associated with Sukkur IBA from past 3 years

Syed Hifazat Ali Shah
Lecturer

MCS from University of Karachi.
BCS from Shah Abdul Latif University Khairpur Mirs.

Mr Shah has 7 years of experience in teaching and research. He has been associated with Sukkur IBA from past 7 years.

Safdar Ali Soomro
Lecturer

MSc in Intelligent System with major in Artificial Intelligence from Northern University, Malaysia. BCS with major in Computer Science from University of Karachi, Pakistan.

Mr Safdar Ali is working as Lecturer at Department of Computer Science, Sukkur IBA. He joined Sukkur IBA in August 2014.
His research interests are Natural language processing in Intelligent Tutoring System, Intelligent Interaction and Artificial Intelligence.
Currently, he is involved in teaching undergraduate courses and supervising UG final year Projects in the field of intelligent systems and area of Artificial Intelligence. Previously, he has teaching experience in international and national universities.

Paras Qadir Memon
Lecturer

Master in Information Technology from University Technology PETRONAS Malaysia.
Bachelor of Engineering (B.E) from Mehran University of Engineering and Technology Jamshoro, Sindh, Pakistan.

Ms. Paras Qadir Memon joined Sukkur IBA in October 2015. She has two years of research experience in Artificial Intelligence and Reservoir Engineering field. Her teaching and research includes artificial neural network, surrogate reservoir modeling. Besides that. During her undergraduate time, she got Fulbright Scholarship - "Global UGRAD 2010" to study one semester in United States of America and completed her masters in Information Technology.

Faculty of Computer Science

Engr. Javed Ali Abbasi
Lecturer

ME from Mehran University of Engineering and Technology, Jamshoro (In Progress).
BE in Software Engineering from Mehran University of Engineering and Technology, Jamshoro.

Mr. Javed Abbasi has 2 years of working experience in IT industry as Senior PHP programmer at Salsoft Technologies Pvt Ltd. and 1 and half year of experience as lecturer at Dept: of software engineering MUET, Jamshoro. He has been affiliated with from past 3 years.

Riaz Ali Soomro
Lecturer

B.E., Mehran University of Engineering and Technology, Jamshoro.

Mr Riaz Ali Soomro is working as a Lecturer in the department of Computer Science at Sukkur IBA.

He has over 5 years of working experience in industry as software developer and in academia. He has been teaching at Sukkur IBA since August 2014. His areas of interest are: Object Oriented Programing, Data Structures and Algorithms, Introduction to Programming, Web Development, Mobile Applications Development and Operating Systems.

Raheel Ahmed Memon
Assistant Professor (Study Leave)

PhD. in UEST China (In-Progress)
MS Computer Engineering from Myongji University, South Korea.
BE Computer Systems Engineering from Mehran University of Engineering & Technology, Jamshoro.

Mr. Raheel has been working with department of Computer Science at Sukkur IBA as Assistant Professor since 2012. He is a professional with 9 years of experience in academics, research and professional fields of Information Technology. He is currently pursuing his Ph.D. in UEST China

Faheem Akhtar Rajput
Assistant Professor (Study Leave)

PhD. in Beijing University of Technology China (In-Progress)
MS (CS) from National University of Computer & Emerging Sciences, FAST Karachi.
BS (CS) from Hamdard University Karachi.
Mr Faheem Akhtar Rajput is Assistant Professor in the Department of Computer Science at Sukkur IBA. He has also been part of many well known universities of Pakistan at different designations like NUCES FAST karachi, Muhammad Ali Jinnah university karachi and Bahria University Karachi etc. His teaching experience includes Core Computer Science courses along with courses related to "Pervasive and ubiquitous computing". He is currently doing his Ph.D. in Beijing university of technology China on Chinese government scholarship in the department of Software Engineering.

Faculty of Computer Science

Ghulam Mujtaba Shaikh
Assistant Professor (Study Leave)

PhD in Computer Science from University of Malaya, Malaysia (In-Progress)
MS, NUCES, FAST Karachi.
MCS, SZABIST, Karachi.
B.Sc., Shah Abdul Latif University, Khairpur.

Mr Mujtaba has 4 years of industry and 8 years of teaching and research experience. He has been affiliated with Sukkur IBA from past 9 years.

Khursheed Ali Memon
Lecturer (Study Leave)

M.E from Beijing University of Posts and Telecommunications, Beijing, China.
B.E from Mehran University of Engineering & Technology, Jamshoro, Pakistan.

Mr. Khurshed has more than 8 years teaching/working experience in Academic and Industry. He has been associated with Sukkur IBA for last three years. His teaching and research interests include: Social Network Analysis, Data Mining, Graph Mining, Social Media Analytics, Human-Computer Interaction, Mobile Social Networking, Databases, Software Engineering, Web Engineering, and Data Structures.

Muhammad Asif Ali Rajput
Lecturer (Study Leave)

PhD. Technical University of Berlin, Germany (in Progress).
M.S. (Computer Engineering) research focusing on Digital Image Processing
and Image Compression from National University of Science and Technology, Islamabad.
B.E. (Computer Systems Engineering) QUEST, Nawabshah.

Mr Muhammad Asif joined Sukkur IBA in 2012. Currently he is enrolled in Technical University Berlin for a Ph.D. studies and conducting his research in German Aerospace Center (DLR) in Computer Vision for autonomous vehicles.

Ahsanullah Abro
Assistant Professor (Study Leave)

M.Sc (By Research) in Information Technology from Computer and Information Sciences Department, University Technology PETRONAS (UTP), Malaysia.
BS (CS)-IV from Department of Computer Science, Shah Abdul Latif University (SALU) Khairpur Mir's, Sindh, Pakistan

Previously, Mr Ahsanullah Abro has worked as Research Associate at Department of Computer Science, Shah Abdul Latif University (SALU), Khairpur Mir's Sindh, Pakistan. He has been affiliated with Sukkur IBA from past 3 years.

Faculty of Computer Science

Ms. Nahdia Majeed
Assistant Professor (Study Leave)

PhD The University of Nottingham Nottingham, UK (In-Progress)
MBA(MIS) from Sukkur IBA (Gold Medalist).
B.E (Software Engineering) from Mehran University of Engineering and Technology, Jamshoro.

Ms Nahdia has been associated with Sukkur, IBA for 08 years. Her research interests are Mathematical Modelling, Big Data Mining and Analytics, Semantic Web.
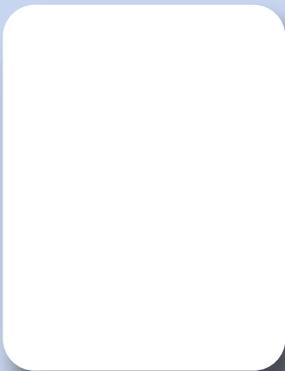
Ms. Neelam Gul
Lecturer (Study Leave)

M.Sc leading to PhD., from University of Bristol, UK (In-Progress)
BS (CS) 4-Year from Shah Abdul Latif University, Khairpur.

Ms. Neelam has been teaching at Sukkur IBA for one year. Currently she is on study leave to pursue her M.Sc leading to PhD.

Hafiz Abdul Rehman Gilal
Lecturer (Study Leave)

Ph.D. (Information Technology), University Technology Petronas (UTP), Malaysia (In-Progress).
MS (Information Technology), University Utara Malaysia (UUM), Malaysia.
BS (Computer Science), University of Sindh, Jamshoro, Pakistan.

Mr. Gilal possesses diverse experience in industry, academia, and research in software engineering domain. He has been serving Sukkur IBA since the year 2010. Currently, he is pursuing the degree of doctor of Philosophy (PhD) from UTP, Malaysia.

FACULTY OF ENGINEERING

Introduction

Faculty of Engineering (FoE) was established with the vision to incorporate engineering techniques and skills within the unique spirit of Sukkur IBA, an institution committed to community service through quality education and focus on design of indigenous solutions to regional problems, having indispensable interdepartmental collaboration. The mission of the faculty of engineering is to produce skilled and dynamic workforce par-excellence capable of contributing to societal needs through research and innovation.

At present the faculty of engineering constitutes three departments i.e. Electrical engineering, Energy systems engineering and Computer systems engineering.

Due to strong connections with the Business Administration and Computing faculty, our students are a unique product. They are immaculate not only in the core subjects of engineering but also possess the requisite business and computing skills essential for entrepreneurial and commercial ventures.

The faculty of engineering has state-of-the-art of the lab. Infrastructure, computing facilities, qualified academicians and a conducive campus environment which is ideal for academic excellence and ingenuity.

With dynamic and visionary leadership at its helm, faculty of engineering aspires to emerge as a leading seat of learning in the field of engineering.

Mission

The mission of faculty of engineering is to produce quality engineering graduates possessing sound analytical and communication skills, thorough knowledge of contemporary scientific methods, tools and techniques essential for solving research and applied engineering problems coupled with a clear outlook for entrepreneurship and commercialization.

Department of Electrical Engineering

Introduction

The objective of the Department of Electrical Engineering is to produce Engineers that are capable of contributing technically to the basic core areas of all Engineering disciplines as well as application areas. During a four-year degree programme of Bachelor of Engineering, students work in ten different labs, where they perform experiments using state-of-the-art instruments, equipment and simulation software.

The offered specialization streams are:

- Power
- Electronics
- Telecommunications

Vision

To produce employable engineers in the areas of Electronics, Power and Telecommunications engineering par-excellence having cognizance for entrepreneurship and research.

Mission

The mission of Department of Engineering is to produce engineering graduates possessing sound analytical and communication skills, thorough knowledge of contemporary scientific methods, tools and techniques necessary for solving research and applied engineering problems coupled with a clear outlook for entrepreneurship and commercialization.

Program Educational Objectives

The objectives of the department of electrical engineering is to produce quality engineering graduates in the field of electronics, power and telecommunication engineering; more specific objective is to inculcate in our students:

PEO-1: Be competent in the Electrical Engineering discipline by demonstrating technical competence in identifying, formulating, analyzing and creating engineering solutions.

PEO -2: Pursue continuous learning to maintain and enhance professional skills by advanced education, professional development activities and other career-appropriate options.

PEO-3: Possess effective communication abilities and undertake leadership roles when appropriate.

PEO-4: Practice Electrical Engineering profession in an ethical and responsible manner.

Introduction

The Department of Computer Systems Engineering (CSE) was established to address the swift progressions of computer-based systems and applications in various fields of engineering. In the recent years, CSE has emerged as the heart line for linking several engineering disciplines together for enhancing academic research and industrial applications. Computer based industrial automation is one of the many such applications, which is extensively used in today's market.

The department is offering a four-year Bachelor of Engineering degree programme in Computer Systems Engineering.

Vision

To lead in the areas of computer systems engineering for producing world class engineers and researchers.

Mission

The mission of the Department of Computer Engineering Systems is to nurture, inspire, and educate students by providing a curriculum capable of tackling fundamental scientific problems, intersections of computer hardware, software and networking to achieve world-class research and leadership in the areas of Computer Systems Engineering.

Program Educational Objectives

1. To provide students with the basic scientific background, computer hardware, software and networking knowledge for excelling in their careers.
2. To engage in life-long learning and professional development to understand the contemporary issues and up-to-date knowledge of emerging technologies.
3. To work efficiently as a team member or leader in multicultural and diverse environments.
4. To provide students with effective analytical, research and communication skills to solve complex problems in computer systems engineering.

Introduction

Technological change and sustainable development are only possible through some quality education, research and outreach. Solving global energy problems is one of the great challenges to human society.

In 2014, a unique Department of Energy Systems Engineering was established. Focusing on renewable energy a four years program is designed to produce engineers with practical communication skills and technical knowledge, who can contribute in the field of Energy Systems Engineering and to apply their academic knowledge to overcome the energy crises of the country.

Vision

The Energy Systems Engineering Department endeavors to provide energy engineers of the premier quality and to conduct state-of-the-art research.

Mission

Mission of the Department of Energy Systems Engineering is to provide a quality engineering education through innovative teaching, to conduct vigorous research and to stand-in a close collaboration with the industry. Department targets to produce Energy Engineers of the top of the class who endure and advance for the integrity, decency and dignity of their profession, while taking active part in the development of the society by providing sustainable solutions to address the energy crises.

Program Educational Objectives

The department is devoted to contribute to the field of Energy Engineering by focusing on alternate/renewable energy resources. More specific objective is to produce graduates who have:

1. Up to date knowledge of the core and associated fields of Energy Engineering to identify the problem.
2. Ability to analyze the complex engineering problem and propose the solution by applying technical skills.
3. Ability to use modern numerical and experimental techniques to design the efficient energy system.
4. Ability to communicate clearly and concisely by writing technical reports, conducting surveys and on-field oral communications.
5. Ability to sense the technological change and to get adjusted in the entrepreneurship and commercialization fields accordingly.
6. Ability to sense in communal, cultural and ethical issues of the society and act correctly.

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
CSE-111	Introduction to ICT	1 (0+1)	
ELE-111	Workshop Practice	1 (0+1)	
HUM-111	Functional English	3 (3+0)	
HUM-112	Pakistan Studies	2 (2+0)	
MTS-111	Calculus and Analytical Geometry	3 (3+0)	
PHY-111	Applied Physics	4 (3+1)	
	Total Credit Hours	14 (11+3)	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
CSE-121	Programming for Engineers	4 (3+1)	--------
ELE-121	Linear Circuit Analysis	4 (3+1)	--------
ESE-121	Electronic Devices and Circuits	4 (3+1)	--------
HUM-121	Communication & Presentation Skills	3 (3+0)	--------
HUM-122/3	Islamic Studies/ Ethics	2 (2+0)	--------
MTS-121	Differential and Multivariable Calculus	3 (3+0)	MTS-111
	Total Credit Hours	20 (17+3)	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
CSE-211	Computer Aided Design	1 (0+1)	------------
CSE-212	Object Oriented Programming	4 (3+1)	CSE-121
CSE-213	Digital Logic Design	4 (3+1)	-----------
ELE-211	Network Circuit Analysis	4 (3+1)	ELE-121
HUM-211	Technical Writing	3 (3+0)	------------
MTS-211	Complex Variables & Transforms	3 (3+0)	MTS-111
	Total Credit Hours	19 (15+4)	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CSE-221	Data Structures & Algorithms	4 (3+1)	
ELE-221	Electromagnetics Field Theory	3 (3+0)	
ESE-221	Instrumentation and Measurement	4 (3+1)	
MTS-221	Applied Linear Algebra	3 (3+0)	
TEL-221	Signals and Systems	3 (3+0)	
	Total Credit Hours	17 (15+2)	

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
CSE-311	Computer Networks	4 (3+1)	----------
CSE-313	Microprocessor & Interfacing Techniques	4 (3+1)	CSE-213
ELE-311	Electrical Machines	4 (3+1)	ELE-121
MTS-311	Probability & Statistics	3 (3+0)	----------
TEL-311	Analog and Digital communication	4 (3+1)	----------
	Total Credit Hours	19 (15+4)	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
ELE-321	Control Systems	4 (3+1)	MTS-211
ELE-322	Power Generation and Transmission	4 (3+1)	----------
ESE-321	Power Electronics	4 (3+1)	ESE-121
MGT-321	Engineering Economics & Management	3 (3+0)	----------
TEL-321	Digital Signal Processing	4 (3+1)	TEL-221
	Total Credit Hours	19 (15+4)	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
ELE-411	Power Distribution & Utilization	4 (3+1)	ELE-322
ELE-412	Power system Analysis	3 (3+0)	----------
ELE-419	Final Year Project-I	3 (0+3)	----------
MGT-411	Engineering Entrepreneurship	3 (3+0)	----------
XXX-XXX	Elective-I	3 (3+0)	----------
	Total Credit Hours	16 (12+4)	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
ELE-421	Power System Protection	4 (3+1)	ELE-412
ELE-429	Final Year Project-II	3 (0+3)	----------
XXX-XXX	Elective-II	3 (3+0)	----------
XXX-XXX	Elective-III	3 (3+0)	----------
	Total Credit Hours	13 (9+4)	
	Grand Total Credit Hours	137 (109+28)	

Elective Courses

Course Code	Title	Credit Hours	Pre-requisite
ELE-415	Voltage Engineering	(3+0)	
CSE-421	Artificial Intelligence	(3+0)	
ELE-425	Smart Grid	(3+0)	
ELE-426	Power System Stability & Control	(3+1)	
ENR-415	Renewable Energy Systems	(3+0)	

Courses offered in BE - Electrical Engineering with specialization in "Electronics Engineering"

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
CSE-111	Introduction to ICT	1 (0+1)	
ELE-111	Workshop Practice	1 (0+1)	
HUM-111	Functional English	3 (3+0)	
HUM-112	Pakistan Studies	2 (2+0)	
MTS-111	Calculus and Analytical Geometry	3 (3+0)	
PHY-111	Applied Physics	4 (3+1)	
	Total Credit Hours	**14 (11+3)**	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
CSE-121	Programming for Engineers	4 (3+1)	--------
ELE-121	Linear Circuit Analysis	4 (3+1)	--------
ESE-121	Electronic Devices and Circuits	4 (3+1)	--------
HUM-121	Communication & Presentation Skills	3 (3+0)	--------
HUM-122/3	Islamic Studies/ Ethics	2 (2+0)	--------
MTS-121	Differential and Multivariable Calculus	3 (3+0)	MTS-111
	Total Credit Hours	**20 (17+3)**	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
CSE-211	Computer Aided Design	1 (0+1)	------------
CSE-212	Object Oriented Programming	4 (3+1)	CSE-121
CSE-213	Digital Logic Design	4 (3+1)	-----------
ELE-211	Network Circuit Analysis	4 (3+1)	ELE-121
HUM-211	Technical Writing	3 (3+0)	------------
MTS-211	Complex Variables & Transforms	3 (3+0)	MTS-111
	Total Credit Hours	**19 (15+4)**	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CSE-221	Data Structures & Algorithms	4 (3+1)	
ELE-221	Electromagnetics Field Theory	3 (3+0)	
ESE-221	Instrumentation and Measurement	4 (3+1)	
MTS-221	Applied Linear Algebra	3 (3+0)	
TEL-221	Signals and Systems	3 (3+0)	
	Total Credit Hours	**17 (15+2)**	

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
CSE-311	Computer Networks	4 (3+1)	-----------
CSE-313	Microprocessor & Interfacing Techniques	4 (3+1)	CSE-213
ELE-311	Electrical Machines	4 (3+1)	ELE-121
MTS-311	Probability & Statistics	3 (3+0)	-----------
TEL-311	Analog and Digital communication	4 (3+1)	-----------
	Total Credit Hours	19 (15+4)	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
ELE-321	Control Systems	4 (3+1)	MTS-211
ESE-321	Power Electronics	4 (3+1)	ESE-121
ESE-321	Electronic Circuit Design	4 (3+1)	ESE-121
MGT-321	Engineering Economics & Management	3 (3+0)	-----------
TEL-322	Digital Signal Processing	4 (3+1)	TEL-221
	Total Credit Hours	19 (15+4)	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
ESE-411	Industrial Electronics	4 (3+1)	
ELE-419	Final Year Project-I	3 (0+3)	
XXX-XXX	Elective I	3 (3+0)	
TEL-413	Wireless & Mobile Communication	3 (3+0)	
	Total Credit Hours	16 (12+4)	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
ESE-421	Optoelectronics	3 (3+0)	
ELE-429	Final Year Project-II	3 (0+3)	
XXX-XXX	Elective-II	3 (3+0)	
XXX-XXX	Elective-III	3 (3+0)	
	Total Credit Hours	12 (9+3)	

Elective Courses

Course Code	Title	Credit Hours	Pre-requisite
ESE-415	Introduction to Robotics (3+0)	(3+0)	
ESE-416	Embedded Systems (3+1)	(3+1)	
TEL-411	Antenna & Wave Propagation (3+1)	(3+1)	
ESE-425	Nano Technology (3+0)	(3+0)	
ESE-426	VLSI (3+0)	(3+0)	
ESE-427	Neural Networks & Fuzzy Logic (3+0)	(3+0)	
ESE-428	Digital System Design (3+1)	(3+1)	
CSE-421	Artificial Intelligence (3+0)	(3+0)	

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
CSE-111	Introduction to ICT	1 (0+1)	
ELE-111	Workshop Practice	1 (0+1)	
HUM-111	Functional English	3 (3+0)	
HUM-112	Pakistan Studies	2 (2+0)	
MTS-111	Calculus and Analytical Geometry	3 (3+0)	
PHY-111	Applied Physics	4 (3+1)	
	Total Credit Hours	14 (11+3)	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
CSE-121	Programming for Engineers	4 (3+1)	--------
ELE-121	Linear Circuit Analysis	4 (3+1)	--------
ESE-121	Electronic Devices and Circuits	4 (3+1)	--------
HUM-121	Communication & Presentation Skills	3 (3+0)	--------
HUM-122/3	Islamic Studies/ Ethics	2 (2+0)	--------
MTS-121	Differential and Multivariable Calculus	3 (3+0)	MTS-111
	Total Credit Hours	20 (17+3)	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
CSE-211	Computer Aided Design	1 (0+1)	------------
CSE-212	Object Oriented Programming	4 (3+1)	CSE-121
CSE-213	Digital Logic Design	4 (3+1)	-----------
ELE-211	Network Circuit Analysis	4 (3+1)	ELE-121
HUM-211	Technical Writing	3 (3+0)	------------
MTS-211	Complex Variables & Transforms	3 (3+0)	MTS-111
	Total Credit Hours	19 (15+4)	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CSE-221	Data Structures & Algorithms	4 (3+1)	
ELE-221	Electromagnetics Field Theory	3 (3+0)	
ESE-221	Instrumentation and Measurement	4 (3+1)	
MTS-221	Applied Linear Algebra	3 (3+0)	
TEL-221	Signals and Systems	3 (3+0)	
	Total Credit Hours	17 (15+2)	

Courses offered in BE - Electrical Engineering with specialization in "Telecommunication Engineering"

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
CSE-311	Computer Networks	4 (3+1)	-----------
CSE-313	Microprocessor & Interfacing Techniques	4 (3+1)	CSE-213
ELE-311	Electrical Machines	4 (3+1)	ELE-121
MTS-311	Probability & Statistics	3 (3+0)	-----------
TEL-311	Analog and Digital communication	4 (3+1)	-----------
	Total Credit Hours	19 (15+4)	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
ELE-321	Control Systems	4 (3+1)	MTS-211
ESE-322	Electronic Circuit Design	4 (3+1)	-----------
MGT-321	Engineering Economics & Management	3 (3+0)	-----------
TEL-321	Digital Signal Processing	4 (3+1)	TEL-221
TEL-322	Optical Communication	4 (3+1)	--------
	Total Credit Hours	19 (15+4)	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
MGT-411	Engineering Entrepreneurship	3 (3+0)	
TEL-411	Antenna and Wave Propagation	4 (3+1)	
TEL-412	Wireless & Mobile Communication	4 (3+1)	
ELE-419	Final year Project-I	3 (0+3)	
XXX-XXX	Elective-I	3 (3+0)	
	Total Credit Hours	17 (12+5)	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
TEL-421	Satellite Communication	3 (3+0)	
ELE-429	Final Year Project-II	3 (0+3)	
XXX-XXX	Elective-II	3 (3+0)	
XXX-XXX	Elective -II	3 (3+0)	
	Total Credit Hours	12 (9+3)	
	Grand Total Credit Hours	135 (109+26)	

Elective Courses

Course Code	Title	Credit Hours	Pre-requisite
TEL-415	Information Theory & Coding	(3+0)	
ESE-416	Embedded Systems	(3+1)	
TEL-425	Microwave & RF Engineering	(3+1)	
TEL-426	Navigational Aids and Radars	(3+0)	
TEL-427	Wireless Sensor Networks	(3+0)	
CSE-421	Artificial Intelligence	(3+0)	

Bachelor of Engineering in Computer Systems

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
CSE-111	Introduction to ICT	1 (0+1)	
ELE-111	Workshop Practice	1 (0+1)	
HUM-111	Functional English	3 (3+0)	
HUM-112	Pakistan Studies	2 (2+0)	
PHY-111	Applied Physics	4 (3+1)	
MTS-111	Calculus and Analytical Geometry	3 (3+0)	
	Total Credit Hours	14 (11+3)	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
CSE-121	Programming for Engineers	4 (3+1)	
ELE-121	Linear Circuit Analysis	4 (3+1)	
ESE-121	Electronic Devices and Circuits	4 (3+1)	
HUM-121	Communication and Presentation Skills	3 (3+0)	
HUM-122/3	Islamic Studies/Ethics	2 (2+0)	
MTS-121	Linear Algebra and Differential Eq.	3 (3+0)	
	Total Credit Hours	20 (17+3)	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
CSE-211	Computer Aided Design	1 (0+1)	-----------
CSE-212	Object Oriented Programming	4 (3+1)	CSE-121
CSE-213	Digital Logic Design	4 (3+1)	-----------
CSE-214	Discrete Structures	3 (3+0)	-----------
HUM-211	Technical Writing	3 (3+0)	-----------
MTS-211	Complex Variables and Transforms	3 (3+0)	MTS-121
	Total Credit Hours	18 (15+3)	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CSE-221	Data Structures & Algorithms	4 (3+1)	CSE-212
CSE-222	Data Communication	3 (3+0)	-----------
CSE-223	Computer Architecture & Organization	3 (3+0)	-----------
MTS-221	Numerical Methods	3 (3+0)	------------
TEL-221	Signals and Systems	3 (3+0)	------------
	Total Credit Hours	16 (15+1)	

Bachelor of Engineering in Computer Systems

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
CSE-311	Computer Networks	4 (3+1)	-----------
CSE-312	Operating Systems	3 (3+0)	CSE-221
CSE-313	Microprocessor & Interfacing Techniques	4 (3+1)	CSE-213
MTS-311	Probability and Statistics	3 (3+0)	-----------
MGT-311	Engineering Economics & Management	3 (3+0)	-----------
	Total Credit Hours	17 (15+2)	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
CSE-321	Database Management Systems	4 (3+1)	CSE-221
CSE-322	Software Engineering	4 (3+1)	-----------
CSE-323	Digital Signal Processing	4 (3+1)	-----------
CSE-324	Mobile & Pervasive Computing	4 (3+1)	-----------
MGT-321	Engineering Entrepreneurship	3 (3+0)	-----------
	Total Credit Hours	19 (15+4)	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
CSE-411	Network Security	3 (3+0)	
CSE-412	Digital System Design	4 (3+1)	
CSE-419	Final Year Project-I	3 (0+3)	
XXX-XXX	Elective-I	3 (3+0)	
MGT-411	Organizational Behavior	3 (3+0)	
	Total Credit Hours	16 (12+4)	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
CSE-421	Artificial Intelligence	3 (3+0)	
CSE-422	Distributed and Cloud Computing	4 (3+1)	
CSE-429	Final Year Project-II	3 (0+3)	
XXX-XXX	Elective-II	3 (3+0)	
XXX-XXX	Elective-III	3 (3+0)	
	Total Credit Hours	16 (12+4)	
	Grand Total Credit Hours	136 (112+24)	

Elective Courses

Course Code	Title	Credit Hours	Pre-requisite
CSE-415	System Modeling & Simulation (3+0)	(3+0)	
CSE-425	Web Engineering (3+0)	(3+0)	
CSE-416	Computer Graphics (3+0)	(3+0)	
CSE-426	Digital Image Processing (3+1)	(3+1)	
CSE-417	Big Data analytics (3+0)	(3+0)	
CSE-427	Human Computer Interaction (3+0)	(3+0)	

Bachelor of Engineering in Energy Systems (Renewable)

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
CSE-111	Introduction to ICT	1 (0+1)	
ELE-111	Workshop Practice	1 (0+1)	
HUM-111	Functional English	3 (3+0)	
HUM-112	Pakistan Studies	2 (2+0)	
MTS-111	Calculus and Analytical Geometry	3 (3+0)	
PHY-111	Applied Physics	4 (3+1)	
	Total Credit Hours	14 (11+3)	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
CSE-121	Programming for Engineers	4 (3+1)	-----------
CHE-121	Applied Chemistry	4 (3+1)	-----------
ELE-121	Linear Circuit Analysis	4 (3+1)	-----------
HUM-121	Islamic Studies/ Ethics	2 (2+0)	-----------
HUM-122	Communication & Presentation Skills	3 (3+0)	-----------
MTS-121	Differential and Multivariate Calculus	3 (3+0)	MTS-111
	Total Credit Hours	20 (17+3)	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
CSE-211	Computer Aided Design	1 (0+1)	-----------
ENR-211	Applied Thermodynamics	4 (3+1)	-----------
ENR-212	Principle of Energy Engineering	4 (3+1)	-----------
HUM-211	Technical Writing	3 (3+0)	-----------
MEC-211	Fluid Mechanics	4 (3+1)	-----------
MTS-211	Complex Variables & Transforms	3 (3+0)	MTS-111
	Total Credit Hours	19 (15+4)	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
ENR-221	Heat and mass transfer	3 (2+1)	
ESE-221	Electronic Devices and circuit theory	4 (3+1)	
MEC-222	Mechanics of Material	3 (3+0)	
MGT-221	Operations Management	3 (3+0)	
MTS-222	Applied Linear Algebra	3 (3+0)	
	Total Credit Hours	16 (14+2)	

Bachelor of Engineering in Energy Systems (Renewable)

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
ELE-311	Electrical Machines	4 (3+1)	ELE-121
ELE-315	Power Plant Tech/Power Generation	3 (3+0)	-----------
ESE-221	Instrumentation and Measurement	4 (3+1)	-----------
MEC-311	Manufacturing Industrial Systems	4 (3+1)	-----------
MTS-311	Probability & Statistics	3 (3+0)	-----------
	Total Credit Hours	18 (15+3)	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
ELE-321	Control Systems	4 (3+1)	----------
ENR-321	Energy and Environment	3 (3+0)	----------
ENR-322	Bio Energy and Bio fuels	4 (3+1)	----------
ESE-321	Power Electronics	4 (3+1)	ESE-121
MEC-321	Heat, Ventilation and Air Conditioning Systems	4 (3+1)	----------
	Total Credit Hours	19 (15+4)	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
ENR-419	Final Year Project-I	3 (0+3)	
ELE-413	Wind Energy Engineering	4 (3+1)	
ENR-411	Solar Energy Systems	4 (3+1)	
ENR-412	Hydrogen and fuel cells	4 (3+1)	
MGT-411	Engineering Entrepreneurship	3 (3+0)	
	Total Credit Hours	18 (12+6)	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
ENR-429	Final Year Project-II	3 (0+3)	
ENR-421	Energy Policy and Regulations	3 (3+0)	
ENR-422	Energy Storage techniques	3 (3+0)	
XXXXXX	Elective-1	3 (3+0)	
XXXXXX	Elective-2	3 (3+0)	
	Total Credit Hours	15 (12+3)	
	Grand Total Credit Hours	139 (111+28)	

Bachelor of Engineering in Energy Systems (Renewable)

Elective Courses

Course Code	Title	Credit Hours	Pre-requisite
CSE-421	Artificial Intelligence	(3+0)	
ELE-425	Smart Grid	(3+0)	
ELE-426	Power System stability and Control	(3+1)	
ESE-425	Nano technology	(3+0)	
ESE-426	VLSI	(3+0)	
ENR-427	Petroleum and gas exploration	(3+0)	

Faculty Members of Electrical Engineering

Engr Dr Faheem A. Chachar
Assistant Professor and HOD Electrical Engineering

PhD degree in Energy Systems, University of Edinburgh, UK
MSc in Electrical & Electronics Engineering with Entrepreneurship, University of Nottingham, UK
B.Eng in Electrical (Power) Engineering, Mehran University of Engineering and Technology, Jamshoro

Dr. Faheem has more than 6 years of diverse teaching and research experience at Sukkur IBA. His research interests include VSC-HVDC technology, DC-DC converters, grid integration of renewable energy, and power electronics applications in power systems, Smart grids.

Engr Professor Dr Madad Ali Shah
Professor

PhD (Satellite Communication) from Brunel University, UK
MPhil (Electronic Systems) form University of Plymouth, UK
BE (Computer Systems Engineering) from Mehran University of Engineering of Technology, Jamshoro

Dr Shah has 25 Years of diverse experience in teaching, research & industry including electronic design, IT and Telecom industry. He has been serving at several public and private sector organizations on key positions. Dr Shah received two Gold medals in his under graduate degree. He was also awarded JR Beard award by IET UK and Appreciation Award by ION USA. He is a member of various NCRCs of HEC and an elected member of Governing Body of PEC.
His research areas include Satellite Navigation, HCI, WSN, Security and QoS of Computer Networks, E-Business and Atomic Physics. He has been associated with Sukkur IBA for last 10 years.

Dr Abdul Qadir Rahimoon
Associate Professor

PhD from Beijing Institute of Technology – China
MS in Physics from University of Sindh, Jamshoro
BS in Physics from University of Sindh, Jamshoro

Mr. Rahimoon has been working with various educational institutions for the past 15 years. He has been affiliated with Sukkur IBA from past 4 years. His research publications have also been published in reputable national and international journals. His research interests include condensed matter, granular materials and thermos-elasticity.

Engr Dr Fareed Hussain Mangi
Associate Professor

PhD in Thermal Science and Energy from Polytechnic School of University of Nantes, France.
Masters in Research and Development in Mechanical Engineering from University of Poitiers, France.
B.E Mechanical Engineering from QUEST Nawabshah.

Dr. Fareed has more than 10 years of diverse teaching and research experience at various distinguished universities of Pakistan. His research interests include Industrial Energy Systems, Multifunctional Heat Exchangers/Chemical Reactors, Renewable Energy (Wind Energy and Solar Energy), Mixing Enhancement techniques, Chaotic Advection, Experiments in Fluids, Thermal Systems, Heat and mass transfer enhancement techniques.

Faculty Members of Electrical Engineering

Engr Zahid Hussain Khand
Assistant Professor/Registrar

M.Sc in Software Development from University of Huddersfield, U.K.
P.G.D, Computer Science, CTC Islamabad
B.E in Electrical Engineering from Mehran University of Engineering and Technology

Mr Khand has twenty five (25) years of teaching and administration experience at university level. Before joining the Sukkur IBA in the year 2001, Mr. Khand worked at the Mehran University College of Engineering and Technology, Nawabshah, Quaid-E-Awam University Engineering Sciences and Technology, Nawabshah and at Siemens Pakistan Limited Karachi. Mr. Khand is pursuing PhD from University of Liverpool, UK in higher education managment. Mr. Khand holds the degree of MSc Software Development from University of Huddersfield, UK and Bachelor of Engineering (Electrical Engineering) from Mehran University of Engineering and Technology, Jamshoro. His strengths are project preparation, project planning and management, Green office initiatives, Strategic planning and Software Development. He is the Project Coordinator of PeopleSoft Campus Management Solution (CMS), Human Capital Management (HCM) and Financials and Supply Chain Management (FSCM), LMS, Library Management Software and ICT services at Sukkur IBA. He is a member of various professional organizations like IEEE, ACM & PEC. He has been associated with Sukkur BA since last 15 years. His research interest are "Use of ICT in higher education governance".

Engr Dr Muhammad Asim Ali
Assistant Professor

Ph.D (Electrical Engineering) from University of Leeds, UK
MS (Digital Communication) from University of Kiel, Kiel Germany
B.E. (Computer Science and Informatics) from Moscow Power Engineering Institute
(Technical University), Moscow, Russia

Dr. Asim has more than 12 years of diverse teaching and research experience at various distinguished universities of Pakistan. He has been with Sukkur IBA for the past 8 years. His research interests include heterogeneous networks, modulation schemes for future communication standards and optical wireless communication.

Engr Dr Arslan Ahmed
Assistant Professor

PhD (Electrical Engineering) Newcastle University, UK
MS (Communication Engineering) Manchester University, UK
MS (Telecommunication), Bahria University (Gold Medalist)
BE (Electrical Engineering), Comsats Institute of Information Technology

Dr Arslan Ahmed has been affiliated with Sukkur IBA since 2010. He has published many Journal/conference Papers. His Research Interests includes Satellite Communication, Signals Processing, Receiver Designing, GPS positioning accuracy, GPS Tracking Loop designs, and vehicle-to-vehicle communication

Engr Dr Muhammad Yameen Sandhu
Assistant Professor

Post-Doctorat in Microwave Material Processing from IMP University of Leeds, UK
PhD. in Electrical Engineering from University of Leeds, UK
M.Sc (Communication Engineering) from University of Leeds, UK
B.E (Telecommunication Engineering) from MUET, Jamshoro

Mr. Yameen Sandhu has been working with Sukkur IBA since 2009. His areas of interest are microwave material processing, microwave control, sensing and spectroscopy techniques, microwave integrated devices, wireless communication and fiber optics.

Faculty Members of Electrical Engineering

Engr Dr Ali Hassan Sodro
Assistant Professor

PhD in Computer Application Technology from UCAS, Beijing, China
M.E in Communication Systems and Networks (CSN) from MUET, Sindh, Pakistan.
B.E in Telecommunication Engineering from MUET, Sindh, Pakistan.

Dr. Ali has more than 7 years of diverse teaching and research experience at Sukkur IBA. His research interests includes Wireless Communication, Security in Wireless Sensor Networks(WSNs), Wireless Body Sensor Networks(WBSNs), Wireless Power/Energy Transfer and Energy Harvesting, Energy-efficient Communication in WBSNs, Energy-efficient Video Transmission in WBSNs, Medical QoS (m-QoS), Medical-QoE , Medical-IoT, Telemedicine Systems

Dr Bhajan Lal
Assistant Professor

PhD from Quaid-i-Azam University, Islamabad
M.Phil from Quaid-i-Azam University, Islamabad
M. Sc from Quaid-i-Azam University, Islamabad
B. Sc from Shah Abdul Latif University, Khairpur

Dr Bhajan Lal Bhatia received M.Sc, M. Phil and PhD degrees in Inorganic/Analytical Chemistry from the Quaid-i-Azam University Islamabad, Pakistan. During his MPhil research, He worked on title "Effect of synthetic procedures on physical and electrochemical properties of carbon supported Pt/Ru nano catalysts for fuel cell application. Dr Bhajan Lal has more than twenty five JCR indexed journal publications with impact factor along with 200+ citations.

Engr Dr Syed Sabir Hussain Bukhari
Assistant Professor

PhD from Hanyang University – South Korea

MS from Hanyang University – South Korea
B.E in Electrical Engineering (Power) from Mehran University of Engineering and Technology, Jamshoro, Sindh, Pakistan.

Dr Syed Sabir Hussain Bukhari has been affiliated with Sukkur IBA from Dec-2016. He has several research publications in renowned international SCI(E) Indexed journals including IEEE Transactions on Industry Applications. He has also some registered patents with Korean Intellectual Property Office. His research interests include electrical machines design and power electronics.

Engr Muhammad Irfan Younas
Assistant Professor and Coordinator

PhD (Satellite Communications) at ISPA (Institute of Space & Planetary Astrophysics), University of Karachi (In-Progress)
M.Sc (Electrical Engineering), BTH Karlskrona, Sweden
B.E (Computer & Information Systems), NED UET Karachi

Engr Muhammad Irfan has more than 4 years of diverse teaching and research experience at various distinguished universities of Pakistan. He has been with Sukkur IBA since 2015. His research interests include 5G Networks, NGNs, CDNs, Heterogeneous Networks, 802.21 (MIH)

Faculty Members of Electrical Engineering

Engr Sohail Ahmed Soomro
Assistant Professor

M.E. Industrial Automation and Control Engineering, QUEST, Nawabshah
B.S. Electronics Engineering, International Islamic University, Islamabad

Engineer Sohail Ahmed has diverse teaching and research experience. His research interest are Digital Control Systems.

Engr Kashif Hussain Memon
Assistant Professor

M.Engg. NED University of Engineering & Technology, Karachi.
B.E. NED University of Engineering & Technology, Karachi

Mr. Memon has over nine years of working experience in academia and industry. He has done his B.E(Electronic Engineering) from NED University of Engineering & Technology. He completed his M.Engg. (Electronics) with specialization in Microsystem Design with 1st position. He has got 05 research papers to his credit including 02 Journal Papers and 03 Conference Papers. His research interests are Nano Electronics, High Speed Semiconductors devices and Micro Electromechanical Systems.

Engr Muhammad Fayyaz Uddin
Assistant Professor

BE (Electronics) from Sir Syed University of Engineering and Technology, Karachi
MS (Networks & Telecom) from Muhammad Ali Jinnah University (MAJU), Karachi

Mr. Fayyaz Uddin has total 6 years of experience in teaching and research. He has been associated with Sukkur IBA for the past 6 years.

Engr Irfan Latif Memon
Assistant Professor

MS Computer Engineering, Mid Sweden University Sweden
B.E. Computer System Engineering, Mehran University of Engineering and Technology Jamshoro

Engineer Irfan Latif Memon has more than 7 years of working experience in the academia and industry. He has been associated with Sukkur IBA since 2014. His research interests include Distributed network and parallel computing.

Faculty Members of Electrical Engineering

Engr Khuwaja Haider Ali
Assistant Professor

M.Sc. Electrical Engineering and information tech from Otto-von Gureicke, Magdeburg, Germany
B.Sc Electronics Engineering, Bahauddin Zikria University, Multan

Mr Khawaja Haider Ali has more than 4 years of working experience, foreign and local in the academia and research. He has been associated with Sukkur IBA for more than two years. His research interests includes Solar Energy, Power Electronics, Energy Management, Voltage stability in Power Plants.

Engr Aziz Altaf Khuwaja
Assistant Professor (Study Leave)

PhD in Wireless Communication from University of Warwick, UK (In-Progress)
MSc. Electronic Communication and Computer Engineering, The University of Nottingham, UK
B.E. Telecommunication Engineering, Mehran University of Engineering and Technology, Jamshoro.

Mr. Khuwaja has 5 years of teaching and research experience. His research interests includes Cognitive Radio, Vehicular Ad hoc Networks (VANETs), Millimeter wave (mmWave) transmission, Green communication networks and Radio resource management in 5G communication networks. He has been affiliated with last 5 years

Engr Ghulam Abbas Lashari
Assistant Professor

MS (CCN) from Sukkur IBA
BE (Telecommunication) from Sukkur IBA

Mr. Lashari has been serving Sukkur IBA for the past 5 years. His research interests include Orthogonal Frequency Division Multiplexing, Cognitive Radio Networks.

Engr Jamshed Ahmed Ansari
Assistant Professor

M.E Power Engineering from Quaid-E-Awam University of Engineering, Science & Technology Nawabshah
B.E Electrical Power Engineering from Quaid-E-Awam University of Engineering, Science & Technology Nawabshah

Engineer Jamshed Ahmed has diverse teaching and research experience. His research interests are: Power System Stability, Electric Power Quality, Power System Automation & Control

Faculty Members of Electrical Engineering

Dr Abdul Sattar Chan
Assistant Professor (Study Leave)

PhD from Dongguk University, Seoul, South Korea
M.S. from Myongji University, South Korea
B.E. from Mehran University of Engineering & Technology, Jamshoro

Mr. Abdul Sattar has more than Nine years of working experience in the academia. He has been associated with Sukkur IBA since 2010.

Engr Mir Muhammad Lodro
Assistant Professor (Study Leave)

PhD from The University of Nottingham, UK (In-Progress)
M.Res. from The University of Nottingham, UK
M.E. Communication Systems and Networks, from Mehran University of Engineering and Technology, Jamshoro

B.E. Telecommunication Engineering, Mehran University of Engineering and Technology, Jamshoro
Mr Lodro has five years of experience in teaching and research. He has been associated with Sukkur IBA since August 2010. His research intrests include Statistical Signal Processing for Communications, Full-duplex Cognitive Radio and Cooperative Communication, Wireless Power Transfer and Energy-harvesting Techniques, Cognitive Radio for Vehicular Communications and Smart Grids, millimeter wave communication for HetNets in 5G, Body Implantable and Biodegradable Antennas, LDPCs.

Engr Muhammad Asif Khan
Assistant Professor (Study Leave)

PhD from Aberystwyth University, UK
Embedded System, Distributed Systems and Persuasive Computing
M.S. (CCN) from Sukkur IBA (Gold Medalist)
B.E .in Computer Systems from Quaid-e-Awam University of Engineering and Technology, Nawabshah (Silver Medal)

Mr Asif possess 6 years diverse telecom industry and teaching experience. He is associated with Sukkur IBA for past three years. He is also IEEE student branch counselor for Sukkur IBA.

Engr Junaid Bhatti
Assistant Professor (Study Leave)

MS from Eastern Mediterranean University (EMU), North Cyprus Turkey
BE in Telecom from Mehran University of Engineering and Technology, Jamshoro

He has been affiliated with Sukkur IBA since May 2010. He holds five years of academic experience. His research interests include Sparsity seeking algorithms using directional and compact dictionaries, wavelet processing.

Faculty Members of Electrical Engineering

Engr Irfan Ahmed
Assistant Professor (Study Leave)

PhD from City University of Hong Kong, Hong Kong (In-Progress)
MS Physical Electronics, Xi'an Jiaotong University, China
B.E Telecommunication Engineering, NED UET, Karachi

Engineer Irfan Ahmed has diverse teaching and research experience. He has been affiliated with Sukkur IBA since 2010. He has published his research work in reputable international journals and conferences. His research interest includes Optoelectronics, Photonics, lasers and spectroscopy.

Engr Abdul Baseer
Assistant Professor (Study Leave)

PhD in Electrical & Electronics from University of Canterbury, New Zealand (In-Progress)
ME in Telecom from NED UET, Karachi
BE from Mehran University of Engineering & Technology, Jamshoro

He is associated with Sukkur IBA for more than 7 years. His research interests includes Digital Signal Processing, Satellite Earth Station Operation and Maintenance, Electrical Network Planning,

Engr Abdul Aziz Memon
Assistant Professor (Study Leave)

PhD Electronic and Computer Engineering, Hanyang University, South Korea (In-progress)
MS Electronic and Electrical Engineering, Hanyang University, South Korea 2010
BE Telecommunication Engineering, Mehran University of Engineering & Technology, Pakistan, 2007

Mr. Abdul Aziz has been working as an Assistant Professor at the department of Electrical Engineering Sukkur Institute of Business Administration Pakistan since January 2012. Before joining Sukkur IBA. He has also worked at Isra University Hyderabad and Huawei Technologies (Pvt) Ltd. Pakistan. His research interests are mobile communications, wireless sensor networks, home and building automation and smart grids

Faculty Members of Electrical Engineering

Engr Saeed Ahmed
Assistant Professor

PhD. University of Electronic Science and Technology China. (In-Progress),
M.E. under Joint Study Program of European Union (Erasmus Mundus Mobility for Life) from University of Zagreb Croatia and Mehran University of Engineering of Technology, Jamshoro
B.E. Elecetronics Engineering, Mehran University of Engineering of Technology

Mr. Saeed has more than 7 year of extensive hands on experience of different fields. He believe in team work and have good communication and interpersonal skills with the ability to work independently under pressure can lead, motivate and influence others and can train and mentor subordinates.

Engr Mumtaz Ali Kaloi
Lecturer

M.E. from Quaid-e-Awam University of Engineering Science and Technology, Nawabshah
B.E. from Quaid-e-Awam University of Engineering Science and Technology, Nawabshah

Engr Mumtaz Ali Kaloi has 7 years of technical and teaching experience of working in reputed local and international organizations. He has been affiliated with Sukkur Institute of Business Administration for more than two years. His research interests are Digital Image Processing, Computer Vision, and Deep Learning

Engr Kaneez Fatima
Lecturer

M.E. from Mehran University of Engineering and Technology, Jamshoro
B.E. from Quaid-e-Awam University of Engineering Science and Technology, Nawabshah

Miss Fatima has been affiliated with Sukkur Institute of Business Administration since 2014. Her research interests are analysis and synthesis of phonemes (sounds) and deep study on Sindhi phonology. Motivation of this research work is based on to serve vocally disabled and blind people.

Engr Bushra Abro
Lecturer

M.E. from Mehran University of Engineering and Technology, Jamshoro
B.E. from Mehran University of Engineering and Technology, Jamshoro

Miss Abro has been affiliated with Sukkur Institute of Business Administration for two years approx. Her research interests are Analog and Digital communication, Digital Electronics, FPGAs, Wireless Communication, Neural Networks.

Faculty Members of Electrical Engineering

Engr Afshan Shah
Lecturer

M.E (IICT) from Mehran University of Engineering & Technology Jamshoro.
B.E from Mehran University of Engineering & Technology Jamshoro.

Miss Shah has been working with Sukkur IBA from past 2 years. Her research interest includes: Image processing, Semantic gap image retrieval, Content based image retrieval.

Engr Afaque Manzoor Soomro
Lecturer

M.E. from Power Engineering , Quaid-e-Awam University (In-Progress)
B.E. Electrical Engineering from Sukkur IBA

Mr Afaque Manzoor Soomro has one and half year of teaching experience. He did his B.E (Electrical Engineering) from Sukkur IBA with 3rd position in Batch-2010. He is currently pursuing his Masters in Power Engineering from Quaid-e-Awam University. Before joining Sukkur IBA. He was working at IBA Community College, Naushahro Feroze as Lecturer Electrical Engineering (BPS-18). His areas of interest are: 1. Wireless Communication-MIMO-OFDM, Cognitive Radio, Filters 2. Power Engineer-FACTS, HVFC, Compensators 3. Electronics- Instrumentation.

Engr Sunny Katyara
Lecturer

M.Sc. from University of Science and Technology, Poland (In-Progress)
B.E (Electrical Engineering) from Mehran UET, Jamshoro

Engr. Sunny Katyara has recently joined Sukkur IBA. He has good exposure of teaching and research experience at national and international universities. His research interests include Power Quality Assessments, Distributed Generation, modelling and analysis of different Power Quality scenarios, power system protection and control, power system analysis and WSN technology.

Engr Suresh Kumar
Lecturer (Study Leave)

M.S (Electrical) from GCU, Lahore
B.E. (Electronics) from Mehran University of Engineering of Technology, Jamshoro

Mr. Suresh possess 6 years of experience in industry and teaching, he has been affiliated with Sukkur IBA since 2012. His research interest includes control system, Brain computer interface, Electrical machines.

Faculty Members of Electrical Engineering

Engr Sharjeel Afridi
Lecturer (Study Leave)

PhD from University of Leeds, United Kingdom (In-Progress)
MSc from University of Leeds, United Kingdom
BE, Telecom Engineering from Mehran University of Engineering and Technology, Jamshoro

Engr Afridi possesses more than seven years of teaching, research and industry experience in relevant field of IT & Telecom. He has been associated with Sukkur IBA from previous 5 years. His research interests include RF and microwave filters, microwave measurements techniques, electromagnetic compatibility and interference.

Engr Mariyam Nabeel Siddiqui
Lecturer (Study Leave)

M.Engg. from South China University of Technology, China (In-Progress)
B.E. Telecommunication Engineering from Mehran UET, Pakistan.

Engr Mariyam joined Sukkur IBA in August 2011. She has good exposure of teaching and research. Her research interests are Magnetostrictive Actuators and Control Systems.

Engr Pirah Noor
Lecturer (Study Leave)

MS Leading to PhD from KOC University, Istanbul, Turkey (In-Progress)
BE (Computer Systems)

She has diverse teaching and research experience and has been affiliated to Sukkur IBA since 2015. Her research interests are Equalizer Filters and MIMO-OFDM.

Engr Syeda Warda Taqdees
Lecturer (Study Leave)

PhD from The University of Melbourne (In-Progress)
M.S. (Electrical Engineering) from The University of Melbourne, Australia
B.E. (Electrical Engineering) from National University of Sciences and Technology, Pakistan.

Engr. Syeda has more than 9 years of experience in Academia. She has been associated with Sukkur IBA for the past seven years. Her research interest are focused on image processing and medical imaging.

Faculty Members of Electrical Engineering

Engr Fida Hussain Memon
Lab Engineer

M.E from Mehran University of Engineering Technology, Jamshoro (In-Progress)
B.E from Mehran University of Engineering Technology, Jamshoro

He has a good exposure of teaching and research experience and is affiliated with Sukkur IBA for approx. three years. His research interests include Analog and Digital communication, Measurement and instrumentation, Electronic devices and circuits and FPGAs.

Engr Syed Bilal Tirmizi
Lab Engineer

MS EE, SEECS, from NUST, Islamabad
BE from Mehran University of Engineering Technology, Jamshoro

He has a good exposure of teaching and research experience and his research interests are RF & Microwaves, Physical Modeling of Semiconductor devices.

Engr Manoj Kumar Panjwani
Lab Engineer (Study Leave)

MS from NCEPU Beijing (In-Progress)
B.E Electronic Engineering from NED UET, Karachi

He has good exposure of teaching and research experience and his research interests are Renewable Energy, Alternate Energy Solutions, Clean Power Generation.

Engr Safdar Ali Abro
Lab Engineer

ME from Mehran University of Engineering Technology, Jamshoro (In-Progress)
B.E from Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah

Mr. Safdar Ali has two and a half years of teaching experience. He has been affiliated with Sukkur IBA for approx. two years. Before joining Sukkur IBA, he had been working at MUET (SZABIST) Campus, Khairpur as a Lab Engineer.

Faculty Members of Electrical Engineering

Engr Jahangir Badar Soomro
Lab Engineer

ME from (Electrical Power System) (In-Progress)
B.E (Electronic Engineering)

Mr Soomro has been affiliated with Sukkur IBA since 2014. He has a good exposure of teaching and research experience and his research interests are PWM Techniques for controlling power converters, Power Inverters and VHDL Programming.

Engr Faraz Ahmed Nizamani
Lab Engineer

ME from Rosock University, Germany (In-Progress)
B.E (Electronic Engineering)

He has been affiliated with Sukkur IBA since 2014. He has a good exposure of teaching and research experience and his research interests are Controls Engineering, PID, Heuristic Tuning, pole placement methods, Kalman Filtering, Fuzzy Controllers, Artificial Neural Nets, MLPs linear classifiers, gradient descent, digital image processing.

Engr Zulqarnain
Lab Engineer (Study Leave)

MS from NCEPU-Beijing (In-Progress)
B.E from Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah

Mr Zulqarnain holds a 4 years Bachelor's Degree in Energy & Environment Engineering from Quaid-E-Awam University of Engineering, Science & Technology (QUEST), Nawabshah, Sindh, Pakistan, with 86%. He stood 2nd in batch. Due to his good academic performance Kingdom of Saudi Arabia Scholarship (KSAS) was awarded for his whole B.E study. He has good exposure of teaching and research experience and his research interests are Energy System, Renewable Energy, Clean Power, PhotoVoltaic, Wind-Energy, Bio-Energy Environment.

Engr Gulsher Ali
Lecturer (Study Leave)

ME from Mehran University of Engineering and Technology, Jamshoro
BE from Mehran University of Engineering and Technology, Jamshoro

Mr Ali possess good exposure of teaching and research experience and his research interests are Power aware wireless communication technologies, Embedded Systems Engineering, Biomedical Engineering.

Faculty Members of Electrical Engineering

Engr Nabeel Siddiqui
Lecturer (Study Leave)

PhD from City University of Hong Kong, Hong Kong (In-Progress)
M.Eng. from South China University of Technology, China.
B.E. Telecom from Mehran University of Engineering and Technology, Jamshoro.

Mr. Siddiqui joined Sukkur IBA in August 2011. Prior to his joining, he has worked at key positions in Pakistan Telecommunication Company Limited for two years. After two years of teaching at this institute, he went on study leave to pursue his Ph.D. from Hong Kong. His Research interests are Machine Learning, Computational Neuroscience, and Rehabilitation.

Engr Muhammad Waqas Soomro
Lecturer (Study Leave)

PhD from University of Electronic Science and Technology, China (In-Progress)
ME (ESE) from Mehran University of Engineering and Technology, Jamshoro
BE (Telecom) from Mehran University of Engineering and Technology, Jamshoro

Mr Muhammad Waqas has 4 years of experience in teaching and research. He has been working with Sukkur IBA since September 2013. His research interests include wireless communication, Digital Image Processing, Semi Conductor Material Technology, Renewable Energy (Solar)and Digital Electronics.

DEPARTMENT OF EDUCATION

Introduction

The Department of Education was established in 2012 with the purpose of improving quality of teachers' education programs and trainings for building teachers' capacity and enhancing their professional status. The overall aim is to raise the standards of education and education related research at regional and national level.

Goals and Objectives

• Develop innovative and effective educational models of school improvement, educational leadership and management, curriculum design & assessment and test them in Pakistani educational contexts and classroom settings to know their maximum benefits.

• Build the capacity of schools / educational institutions through relevant and quality programs for effective implementation of educational reforms in order to achieve the maximum benefit for all stakeholders.

• Enhance teachers' and teacher educators' professional attitude, status and self-esteem through creating a sense of professionalism, knowledge, competencies, skills, critical thinking, scientific behavior and decision-making power.

• Assess the impacts of all efforts, research results, different techniques, policies implementation and other initiatives to improve the quality of education and finally develop a road map for radical reforms and successful innovations to scale up the education system of Pakistan.

B.Ed (Hons) 4-Years
Goals and Objectives of Program

The overall goal of B.Ed program is to prepare exemplary student teacher relationship through bringing focus on improving teaching and learning practices, keeping in view the National Professional Standards of Teachers (NPST) and guidelines developed by USAID Teacher education project. The overall philosophy of B.Ed program is based on professionalism and professional status of teachers keeping in view the principle of pluralism. The principle of pluralism requires teachers to focus on how to handle the challenges/realities of educational context, where teaching and learning acts take place.

Objectives

The objectives of the programme complement the following aspects of the teacher education proposed by "The National Professional Standards for Teachers in Pakistan (NPST) 2009".

These are:

1. Enhancing student teachers' subject content knowledge as well pedagogical knowledge, especially in areas of Mathematics, Science, Languages and Social Sciences.

2. Developing student teachers' critical thinking and reflection skills.

3. Providing classroom setting where student teachers get

opportunities to discuss and debate the contemporary issues and trends in education.

4. Involving student teachers in practical/field work in schools in order to develop their habit of inquiry.
5. Facilitating student teachers for planning and carrying out action research activities
6. Providing opportunities to student-teachers to reflect on the relationship between theory and practice.
7. Implementing the Assessment practicum policy for assessing student teachers' port folios and teaching.
8. Motivating student teachers to accept and respect diversity among learners, and learn the effective ways of assessing students learning and subsequently assessing effectiveness of teaching.

Scheme of Studies
B.Ed (Hons) 4-Years and B.Ed (Extension) 2-Years Program

Eligibility Criteria B.Ed (Four years)
• FA / FSc / A Level / HSc or equivalent with minimum 2nd division.
• FA / FSc / A Level / HSc with School subjects / C.T / PTC (12 years of Education) with minimum 2nd Division.
• Test Results

Duration	: 4 Years (8 Semesters)
Semester Duration	: 16-18 weeks
Semesters	: 8
Course Load per Semester	: 15-18 Credit Hours
Number of Courses per Semester	: 4- 6

Eligibility Criteria B.Ed (Two years extension)
• ADE with minimum 2nd Division,
• Test Results

Duration	: 2 Years (4 Semesters)
Semester Duration	: 16-18 Weeks
Semesters	: 4
Course Load per Semester	: 18 Credit Hours
Number of Courses per Semester	: 6

Structure of Scheme

S #	Course Type	Credit Hours	Total Credit Hours
1	Content Courses	42/45	
2	Compulsory Courses	9	
3	Professional Courses	6	
4	Foundation Courses	42	138/141
5	Research	9	
6	Teaching Practice	15	
7	Pedagogy	15	
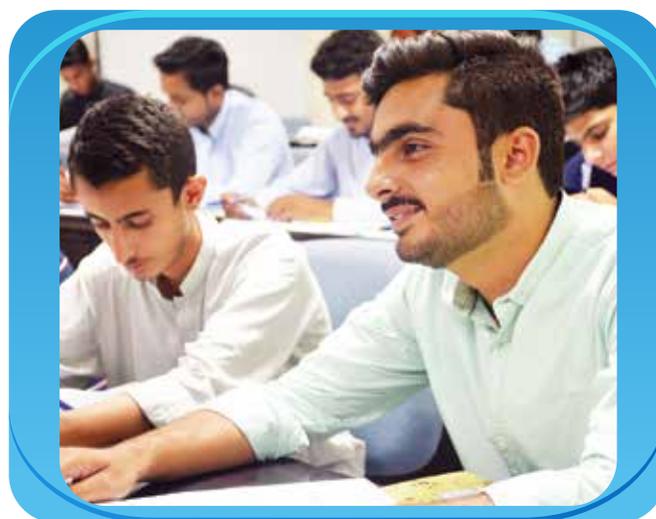
Scheme of Studies: B.Ed (Hons) Elementary (4 Years)

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
ENG_101	English -I	3	
G.Sc_102	General Science		
GMAT_ 103	General Mathematics	3	
MOT_104	Methods of Teaching	3	
ISL_105	Islamic Studies		
	OR	3	
ETH_106	Ethics		
		3	
COM_107	Computer Literacy- I		
		3	
	Total Credit Hours	**18**	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
ENG_201	English-II	3	ENG_101
BIO_202	Biology – I	3+1	
	OR		
MAT_203	Mathematics- I	3	
CHM_204	Chemistry -I		
	OR		
PHY_205	Physics-I	3+1	
MGT_206	Classroom Management	3+1	
URD_207	Urdu	3	
	OR		
SND_208	Sindhi	3	
PS _209	Pakistan Studies	3	
	Total Credit Hours	**19/20**	

Scheme of Studies: B.Ed (Hons) Elementary (4 Years)

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
ENG _301	English (Content)-III	3	ENG_201
BIO_302	Biology - II	3+1	BIO_202
	OR		
MAT_303	Mathematics- II	3	MAT_203
CHM_304	Chemistry -II	3+1	CHM_204
	OR		
PHY_305	Physics-II	3+1	PHY_205
ICT_306	ICT in Education	3	
TPS_307	Teaching of Pakistan studies	3	
TPR_308	Teaching Practice	3	
	Total Credit Hours	**19/20**	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
ENG_401	English (Pedagogy) - I	3	
BIO_402	Biology (Pedagogy) - I		
	OR		
MAT_403	Mathematics- (Pedagogy) - I	3	
CHM_404	Chemistry - (Pedagogy) - I		
	OR		
PHY_405	Physics-(Pedagogy) - I	3	
CHD_406	Child Development	3	
CLA_407	Classroom Assessment	3	
TPR_408	Teaching Practice	3	
	Total Credit Hours	**18**	

Scheme of Studies: B.Ed (Hons) Elementary (4 Years)

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
ENG_501	English - IV	3	ENG_201
BIO_502	Biology - III (Content)	3+1	BIO_302
	OR		
MAT_503	Mathematics- III (Content)	3	MAT_303
CHM_504	Chemistry -III (Content)	3+1	CHM_304
	OR		
PHY_505	Physics-III (Content)	3+1	PHY_305
SCT_506	School, Community and Teacher	3	
PSY -507	Educational Psychology	3	
TL_508	Teaching Literacy	3	
	Total Credit Hours	**19/20**	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
ENG_601	English (Pedagogy)-II	3	ENG_401
BIO_602	Biology (Pedagogy)- II		BIO_402
	OR		
MAT_603	Mathematics (Pedagogy)- II	3	MAT_403
			CHM_404
CHM_604	Chemistry (Pedagogy)-II		
	OR	3	PHY_405
PHY_605	Physics (Pedagogy)-II		
CDP_606	Curriculum Development	3	
FOE_607	Foundations of Education	3	
TPR_608	Teaching Practice	3	
	Total Credit Hours	**18**	

Scheme of Studies: B.Ed (Hons) Elementary (4 Years)

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
CIT_701	Contemporary Issues and Trends in Education	3	
AIE_702	Appreciation and Interpretation of Research Methods in Education	3	
TDE_703	Test Development & Evaluation	3	
RPR_704	Educational Research Project (Individual)	3	
TPR_705	Teaching Practice	3	
	Total Credit Hours	**15**	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
ELM_801	Educational Leadership & Management	3	
SIM_803	School Improvement & Management	3	
RPR_804	Educational Research Project (Individual)	3	
TPR_805	Teaching Practice (Long Term)	3	
	Total Credit Hours	**12**	

Scheme of Studies: B.Ed Extension Program (2 Years)

B.Ed Extension Program (2 Years Program)

B.Ed Extension Program is an exclusive program offered to those students who have completed their ADE (Associate Degree in Education) 2-year Program. B.Ed Extension Program is an opportunity for such students who wish to continue their studies to get B.Ed (Hons) Degree.

These programs have following features:

• A Professional Teaching Degree approved and endorsed by the Higher Education Commission (HEC).
• Accredited by (NACTE) National Accreditation Council for Teacher Education in X Category.
• Education & Literacy Department has notified that ADE and B.Ed. (Hons) degrees will be the entry requirement for teaching as a Junior Elementary School Teachers and Elementary School Teachers with Grade 14 and Grade 16 respectively.
• Internationally qualified & experienced faculty
• Use of modern teaching methods.
• A golden opportunity to get internship at IBA's Community Colleges
• These degrees will also be compulsory for promotion of existing teachers in the future.
• The opportunity to build career in education services.
• State-of-the-art facilities.

Scheme of Studies: B.Ed Extension Program (2 Years)

Semester - I			
Course Code	Title	Credit Hours	Pre-requisite
ENG_401	English (Pedagogy) - I	3	
BIO_402	Biology (Pedagogy) - I		
	OR		
MAT_403	Mathematics- (Pedagogy) - I	3	
CHM_404	Chemistry - (Pedagogy) - I		
	OR		
PHY_405	Physics-(Pedagogy) - I	3	
CHD_406	Child Development	3	
CLA_407	Classroom Assessment	3	
TPR_408	Teaching Practice	3	
	Total Credit Hours	18	

Scheme of Studies: B.Ed Extension Program (2 Years)

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
ENG_501	English - IV	3	ENG_201
BIO_502	Biology - III (Content)	3+1	BIO_302
	OR		
MAT_503	Mathematics- III (Content)	3	MAT_303
CHM_504	Chemistry -III (Content)	3+1	CHM_304
	OR		
PHY_505	Physics-III (Content)	3+1	PHY_305
SCT_506	School, Community and Teacher	3	
PSY -507	Educational Psychology	3	
TL_508	Teaching Literacy	3	
	Total Credit Hours	**19/20**	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
ENG_601	English (Pedagogy)-II	3	ENG_401
BIO_602	Biology (Pedagogy)- II		BIO_402
	OR		
MAT_603	Mathematics (Pedagogy)- II	3	MAT_403
			CHM_404
CHM_604	Chemistry (Pedagogy)-II		
	OR	3	PHY_405
PHY_605	Physics (Pedagogy)-II		
CDP_606	Curriculum Development	3	
FOE_607	Foundations of Education	3	
TPR_608	Teaching Practice	3	
	Total Credit Hours	**18**	

Scheme of Studies: B.Ed Extension Program (2 Years)

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CIT_701	Contemporary Issues and Trends in Education	3	
AIE_702	Appreciation and Interpretation of Research Methods in Education	3	
TDE_703	Test Development & Evaluation	3	
RPR_704	Educational Research Project (Individual)	3	
TPR_705	Teaching Practice	3	
	Total Credit Hours	15	

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
ELM_801	Educational Leadership & Management	3	
SIM_803	School Improvement & Management	3	
RPR_804	Educational Research Project (Individual)	3	
TPR_805	Teaching Practice (Long Term)	3	
	Total Credit Hours	12	

B.Ed (2.5 Years) Extension Program

B.Ed Extension Program is an exclusive program offered B.Ed 2.5 years program is an opportunity for such students.

These programs have following features:

• A Professional Teaching Degree approved and endorsed by the Higher Education Commission (HEC)
• Accredited by (NACTE) National Accreditation Council for Teacher Education in 'X' Category
• Education & Literacy Department has notified that B.Ed. degree will be the entry requirement for teaching as Junior Elementary School Teachers and Elementary School Teachers with Grade 14 and Grade 16 respectively.
• Internationally qualified & experienced faculty
• Use of modern teaching methods
• A golden opportunity to get internship at IBA's Community Colleges
• These degrees will also be compulsory for promotion for existing teachers in future.
• The opportunity to build career in education services
• State-of-the-art facilities

Duration:
2.5 Years (5 Semesters)

Semester Duration:
16-18 Credit Hours

Semesters: 05
Course Load per Semester:
15-18 Credit Hours

Number of Courses
per Semester: 06

Courses Details

Semester - I			
Course Code	**Title**	**Credit Hours**	**Pre-requisite**
ENG_201	English -I	3	
MOT_202	Methods of Teaching	3	
MGT_203	Classroom Management	3	
PSY -204	Educational Psychology	3	
BIO_205	Biology - I	3+1	
	OR		
MAT_206	Mathematics- I	3	
CHM_207	Chemistry -I	3+1	
	OR		
PHY_208	Physics-I		
Total Credit Hours		**19+1**	

B.Ed Extension Program (2 Years)

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
ENG_301	English (Pedagogy)-I	3	
ICT_302	ICT in Education	3	
CHD_303	Child Development	3	
CLA_304	Classroom Assessment	3	
SCT_305	School, Community and Teacher	3	
TL_306	Teaching Literacy	3	
Total Credit Hours		**18**	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
ENG_307	English (Pedagogy)-II	3	
BIO_308	Biology - II	3+1	
	OR		
MAT_309	Mathematics - II	3	
CHM_310	Chemistry -II	3+1	
	OR		
PHY_311	Physics -II	3	
CDP_312	Curriculum Development	3	
FOE_313	Foundations of Education	3	
TPR_314	Teaching Practice	3	
Total Credit Hours		**19+1**	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
CIT_401	Contemporary Issues and Trends in Education	3	
AIE_402	Appreciation and Interpretation of Research Methods in Education	3	
TDE_403	Test Development & Evaluation	3	
RPR_404	Educational Research Project (Individual)	3	
TPR_405	Teaching Practice	3	
CHM_406	Chemistry (Pedagogy)	3	
	OR		
PHY_407	Physics (Pedagogy)	3	
Total Credit Hours		**18**	

B.Ed Extension Program (2 Years)

Semester - V			
Course Code	**Title**	**Credit Hours**	**Pre-requisite**
ELM_408	Educational Leadership & Management	3	
SIM_409	School Improvement & Management	3	
RPR_410	Educational Research Project (Individual)	6	
TPR_411	Teaching Practice (Long Term)		
BIO_412	Biology (Pedagogy)	3	
	OR		
MAT_413	Mathematics (Pedagogy)	3	
Total Credit Hours		**18**	

Faculty Members of Education

Dr Irfan Ahmed Rind
Assistant Professor and Head of Department

PhD in Education, Sussex School of Education, University of Sussex, Brighton, UK
M.A in Applied Linguistics, Department of Linguistics, University of Sussex, Brighton, UK
M.A in English Literature, Department of English, University of Sindh, Jamshoro,
(First Position, Silver Medal)
B.A. in English Literature, Department of English, University of Sindh, Jamshoro,
(First Position, Silver Medal)
B.Com., University of Sindh, Jamshoro

Dr Rind has been associated with teaching, research and consultancy for the past 11 years.
He has completed his Ph.D. in Education from University of Sussex, UK, and has been working as
international research associate for the Centre of International Education, UK, for the last 05 years.

Dr Shahid Hussain Mughal
Associate Professor

PhD (Education), Iqra University, Pakistan
M. Phil. (Education), Iqra University, Pakistan
M. Ed, Aga Khan University- Institute for Educational Development
M. Sc (Applied Maths), Shah Abdul Latif University, Khairpur
Certificate in Education for International Understanding, Seoul, Republic of Korea

Dr Mughal areas of research interests include teachers' professional development, students learning
achievement, teaching of Mathematics, action research and education for sustainable development,
Educational Leadership. He has more than 20 years of experience as a professional teacher educator.
He has worked in both public and private sector of Pakistan. At present he is working as Associate
Professor in the Department of Education at Sukkur IBA.

Dr Fida Hussain Chang
Assistant Professor

PhD. Curriculum, Instruction, and Teacher Education, Michigan State University, USA
M. Ed. Teacher Education, Aga Khan University Institute for Educational Development, Karachi
B. Ed. (Specialization: Teaching of English and Math) Shah Abdul Latif University Khairpur
B. A. Economics, Shah Abdul Latif University Khairpur

Upon completion of his Ph. D. in 2014, Dr Chang joined Sukkuer IBA. Dr Chang has 20 years of
experience including school teaching, college/university teaching, teacher training, leading
education reform programs, and working in development sector. Dr Chang's research interests
include teacher education, teacher professional development, Math education, policy analysis,
school improvement and reforms, quantitative research methods, and mixed methods
research.

Dr Rifat Abbas Khan
Assistant Professor

PhD (Education) from University Paul Valery Montpellier3, France
M. Phil. (Education) from University Lumiere Lyon2, France
M.Ed. from NUML University, Islamabad
B.Ed. from Allama Iqbal Open University, Islamabd
B.A. from University of the Punjab, Lahore

Dr Rifat Abbas has 3 Years post Ph.D. experience of teaching at different universities in Pakistan.
He has 4 years teaching experience at different levels in schools of Punjab and Islamabad.

Faculty Members of Education

Zafarullah Sahito
Assistant Professor (Study Leave)

PhD from Eastern University, Finland (In-Progress)
MBA (HRM) from University of Sindh, Jamshoro
M.Ed. (Curriculum Development) from University of Sindh, Jamshoro
B.Ed. (Science Education) from University of Sindh, Jamshoro

Mr Sahito has 15 years of vast experience in the field of teaching and trainings. He has been working with various private and public academic institutions in Sindh. He has been working with Sukkur IBA since 2011.

Mahmood Ahmed Dool
Assistant Professor

MPhil from (Education) from Iqra University Karachi (In-Progress)
Master of Education from Aga Khan University–Institute for Educational Development, Karachi
Master of Education from Shah Abdul Latif University, Khairpur Mirs'
Bachelor of Education from Shah Abdul Latif University, Khairpur Mirs'
Master of Science (Chemistry) from Shah Abdul Latif University, Khairpur Mirs'
Certificate in Teaching from Allama Iqbal University, Islamabad

Mr. Dool has 13 years of experience in teaching and training. He has been serving various government education institutions in different capacities. He has been working with Sukkur IBA for the last 4 years.

Ms. Unaeza Alvi
Assistant Professor

MS in Education, Mathematics and Science Education from Monash University Melbourne.
Masters in Science (Chemistry) from University of Karachi.
Bachelors in Education from University of Karachi.
Certificate in Science Education from Aga Khan University.
Certificate in International Baccalaureate AKU-IED, East Africa.

Ms. Unaeza Alvi has over eighteen years of experience in higher education, primary, secondary education and the development sector. At present she is working as assistant professor in Department of Education, Sukkur IBA.

Sharik Zamir
Assistant Professor

PhD, from Iqra University, Karachi (In-Progress)
M.Phil (Education), Iqra University, Karachi
M.Ed (Teaching of English and Computer), I.E.R, University of Peshawar
M.A (English), University of Peshawar
B.Ed (Teaching of English and Math)

Mr Sharik Zamir has 19 years of experience of teaching and training. He has served reputed istitutions in Karachi. He has been working in Sukkur IBA since 2012.

Faculty Members of Education

Zahid Ali Jatoi
Assistant Professor

MPhil from English Language Teaching, University of Southampton, UK. (In-Progress)
M.Ed (Specialization in English Language Teaching) Aga Khan University
Diploma (English Language Teaching) British Council.

Mr. Zahid Ali Jatoi has been teaching English Language for more than 12 years in different professional organizations. Some of previous major achievements include his working as a Professional Development teacher in the project of Aga Khan university-Institute for Educational Development, Pakistan and as a Professional Development Specialist in US-AID Teachers Education Project (Pre-Step) Pakistan. Currently, he is working as Assistant Professor in Department of Education, Sukkur IBA.

Noor Hussain Shar
Assistant Professor

M.Ed, Educational Leadership & Management, Aga Khan University-Institute for Educational Development, Karachi.
M. A. (Economics), Shah Abdul Latif University, Khairpur
B.Ed. (English & Pakistan Studies), Shah A. Latif University, Khairpur.

Mr Shar is an educationist with several years of experience in the fields of research, education and training. From classroom teaching to teachers' training, Mr. Hussain has been involved in education sector at various levels. He has led different educational institutions, designed and carried out training programs for education managers, school heads and principals, teacher educators and teachers. As a member of Pakistan Association of Research, he came by many opportunities learn and develop his practical research abilities through workshops and seminars. With a sound background in quality research, he has authored many research papers and publications. His articles appear in different national and international journals and newspapers. He has trained and facilitated various workshops and seminars for capacity building of local government personnel, teachers and community members. Currently, he is employed at Sukkur IBA as Coordinator IBA Community Colleges and works as Trainer at the Executive Center of the same institution.

Dhani Bux Shah Jillani
Assistant Professor (Study Leave)

MS from Northern Illinois University, USA. (In-Progress)
M.Ed. from Aga Khan University, Institute for Educational Development.

Mr Jillani has been associated with the field of Education for more than one decade. At Sukkur IBA, he has served as Project Coordinator of Standardized Achievement Test (SAT) project from 2012 to 2015. Additionally, he works as Assistant Professor in the Department of Education, Sukkur IBA. He possesses a Master of Education (M.Ed) degree with specialization in Educational Leadership and Management (ELM) from Aga Khan University-Institute for Educational Development (AKU-IED) Karachi.

Abdul Hameed Kumbhar
Lecturer

M.Phil from University of Sindh, Jamshoro (In-Progress)
M.Ed from University of Sindh, Jamshoro
MA in English literature from University of Sindh, Jamshoro
Diploma in TEFL (2012) AIOU

Mr. Kumbhar has vast experience in teaching. He has been teaching since September 2005 to dates. First he was associated with University of Sindh, Jamshoro. He has been there as visiting faculty in an institute of English language and literature since September 2005 to August 1st, 2014. He has joined Sukkur IBA as a Lecturer since August 04, 2014. He has been teaching here ADE/B.Ed (Hons) Elementary courses. He has attended several seminars and conferences on themes related to education, language and literature. Mr. Kumbhar has also been involved as a subject specialist in Sindhi Language in "SAT" Project – III sponsored by Reform Support Unit, Government of Sindh in collaboration with Sukkur IBA since 2014.

Tarique Ali Memon
Lecturer

MPhil. in Education from Sukkur IBA (In-Progress)
M.Ed. in Teacher Education from Aga Khan University, Institute for Educational Development, Karachi
M.Sc. (Organic Chemistry)
M.A (Islamic Culture)

Mr Memon is currently working as Lecturer and Teacher Educator in Department of Education at Sukkur Institute of Business Administration. He has contributed significantly as a teacher educator in teaching English language skills and implementing teacher education programs in various contexts.
He has got vast experience of teaching and training more than 20 years. He has also worked in Standardized Achievement Test (SAT) project Government of Sindh. Mathematics and Science have also been his interests in teaching and learning. He has worked as Master Trainer in different projects. He has attended many workshops and conferences of National and International levels. His research has also been published from Lambert Academic Publishers Germany with title "Language Learning, Media's role in Oral Communication Skills of English Language in 2012".

Kamran Hyder Malik
Lecturer

M.Ed. from Aga Khan University, Institute for Educational Development, Karachi
M.A. Sociology from Shah Abdul Latif University, Khairpur
B.Com (Hons) from Shah Abdul Latif University, Khairpur

Mr Malik has been serving as a Lecturer Education in the department of education at Sukkur IBA since August 2014. He has a vast experience of teaching in different disciplines in government sectors.

Mr Malik has also been involved in different trainings and workshops for public and private sector schools, organized by Sukkur IBA.
He has experience of assessment of BISE Sukkur, Shah Abdul University Khairpur and Sukkur IBA.
His areas of interest are ICT, Social Studies, Environmental Education and Assessment.

Sadaf Shah Hussainy
Lecturer (Study Leave)

MPhil degree in Education from the Islamia University, Bahawalpur (In-Progress)
Master of Education from the Aga Khan University, Institute for Educational Development
Charles Wallace Fellowship Award Holder British Council, UK

Ms. Sadaf Hussainy has 10 years of professional experience in teaching, conducting training and curriculum designing in area of teacher education. She has been associated with Sukkur IBA for the last five years.

Shairoz Ismail
Lecturer

M.Ed. in Teacher Education & Advance Diploma in School Management from the Aga Khan University–Institute for Educational Development Pakistan (AKU-IEDP)
Diploma in Montessori from Aga Khan Development Network Science
Early Child Development (AKDN SECD) online course from Red River College of Applied Arts, Science and Technology Winnipeg, Manitoba, Canada

Her work scope includes teaching in the Department of Education as well as strengthening the Early Childhood Education (ECE) Programs of SIBA Community Colleges and the Public Schools managed by SIBA. She has been in the United States of America as a visiting professor under the project "Strengthening US and Pakistani Faculty Connections."
In her several years of experience in the field of ECE, she has worked in various capacities range from Classroom Teacher to Regional Academic Advisor. She has designed and taught the ECE Certificate Course for the teachers of Aga Khan Education Service, Pakistan and other schools systems of Sindh and Punjab. She has done online tutoring in the AKDN SECD course. Her academic writings also got published in the national and international journals/magazines.
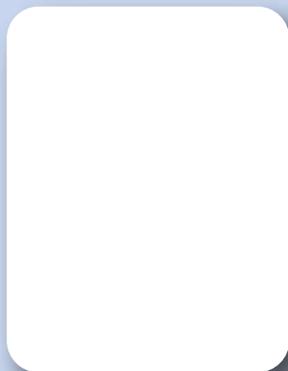
Gul Muhammad Rind
Lecturer

M.A. Education Leadership, University of Northern Colorado, USA
BBA Finance, Shah Abdul Latif University, Khairpur

Mr Rind has more than 4 years' teaching experience. He joined Sukkur IBA in the year 2016. He has been working as a lecturer at Sukkur IBA, and he takes it a unique opportunity to work for the greater cause. He finds himself more comfortable to work as a teacher where he can transform the values of leadership, care, ethics, and empowerment. During his teaching career, he pursued USAID-Master Education scholarship for higher education in the USA wherefrom he got his Master's degree in Educational Leadership.

DEPARTMENT OF MATHEMATICS AND SOCIAL SCIENCES

Department of Mathematics is an enthusiastic department offering high quality undergraduate and graduate programs. Department's teaching methodology reflects the state-of-the-Art teaching of mathematics and its applications, the development of employability skills mathematics graduates need for successful and fulfilling careers.

Undergraduate Program

Limited access of poor people to quality education in Mathematics and increasing rate of un-employment has resulted in many socio-economic problems in the country. We strongly believe that using modern mathematical techniques and the targeting market and industrial needs, BS Mathematics program can produce more positive result. Sukkur IBA offer an enriched BS Program for community development with aim to bring the change in the society.

Vision

To become a world leader in theoretical and applied Mathematics.

Values

The values that guide our decisions, strategies and actions are:

- Merit
- Quality
- Excellence
- Community
- Innovation, and
- Impact

Mission

The mission of the Department of Mathematics at the Sukkur IBA is:

- To Carry out the theoretical and applied research in mathematics that has National and worldwide impact and recognition;
- To provide learning opportunities that are unparalleled nationally and globally;
- To produce the graduates that are in demand of National and Global level;
- Undertake educational outreach and community

engagement that increase mathematical and computing literacy nationally and globally.
- More precisely, the department of mathematics play its role in meeting the institutional mission of Sukkur IBA by empowering students to:
- Develop critical thinking and problem solving skills, content knowledge, pedagogical content knowledge and the ability to communicate complex the ideas effectively and efficiently.
- Understand the connections within mathematics, as well as applications of mathematics to other areas;
- Build the connections with different sections of community such as industry, agriculture and local and national school and colleges;
- Explore and appreciate the fundamental beauty of nature of mathematics, its learning and teaching. Moreover, also to participate in discovering the new arenas, approaches and techniques to tackles the problems of abstract and applied nature.
- Engage them through modern pedagogies and technology based learning of mathematics and dependent sciences.
- Cultivate the responsible academic attitude of ethical and professional practices.

BS Mathematics Program introduction, aims and uniqueness

From the inception of the known history, mathematics has played a central role in the development of science and its progress. Sukkur IBA aims to become the center of excellence in providing the modern quality education of mathematics, in both respects i.e. mathematics as a theoretical subject and as a major source for the development of other social and scientific fields.

The BS mathematics program of Sukkur IBA aims to equip the students with a broader understanding and rigorous development of mathematical thoughts and knowledge and to develop the skills of communicating the thoughts and knowledge effectively to the wider technical and non-technical audience. Moreover, the program also aims to prepare the students to incorporate the rigorously developed mathematical skills to join the most advanced areas of mathematics or any mathematics dependent science in the future ahead.

The BS-Mathematics program at Sukkur IBA is unique in Pakistan in such a way that it not only focuses on the traditionally taught abstract Mathematics and specific areas of applied mathematics (such as Fluid Mechanics and optimization), but also it offers the courses that lead the students to move ahead in the area of Mathematical Analysis (which has been quite ignored in Pakistan) and opens the doors of modern areas like financial mathematics and theoretical physics for the students.

Specific Program objectives of BS-Mathematics

The Department of Mathematics at Sukkur IBA offers a Bachelor of Science (BS) in mathematics with the tracks toward applied mathematics, theoretical mathematics, mathematics for the financial markets, mathematical and probabilistic analysis and mathematical physics. The BS-Mathematics degree is designed to provide students a contemporary mathematics education through constantly evolving curriculum that will enable the students:

1. To understand the fundamental core of the mathematical knowledge, which will enable the student establish a strong foundations for advanced studies in mathematics or adopt a career in mathematics or any mathematics dependent area like financial/actuarial mathematics, mathematical physics etc.

This includes the following objectives:
a) Develop an intuitive and rigorous background in Calculus and Linear Algebra.
b) Exploring the fundamentals of Abstract Algebra, Differential Equations and the theory of Probability.
c) Getting well aware of several areas of theoretical and applied mathematics and interplay connections among them.

2. To develop rigorous critical and mathematical thinking abilities and the attitude for the independent mathematical learning and reasoning.

This includes the following capabilities:
a) To internalize the notions of mathematical statements, propositions, definitions, generalizations, and specializations.
b) To build the skills of independently reading, learning the understanding the mathematical books from various sources like physical and digital libraries.
c) To express and communicate, orally and written, the mathematical ideas, concepts, and methods in an effective and clear manner to the wider audience.
d) To be able to make use of appropriate logical reasoning principle (inductive or deductive) to approach and address a problem.
e) To understand and write the precise mathematical proofs of the propositions rigorously.

3. To develop rigorous critical and mathematical thinking abilities and the attitude for the independent mathematical learning and reasoning.

This includes the following capabilities:
a) To internalize the notions of mathematical statements, propositions, definitions, generalizations, and specializations.
b) To build the skills of independently reading, learning the

understanding the mathematical books from various sources like physical and digital libraries.

c) To express and communicate, orally and written, the mathematical ideas, concepts, and methods in an effective and clear manner to the wider audience.

d) To be able to make use of appropriate logical reasoning principle (inductive or deductive) to approach and address a problem.

e) To understand and write the precise mathematical proofs of the propositions rigorously.

Scheme of Studies: BS - Mathematics

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
MTS-101	Calculus-1	4+0	
MTS -102	Core Algebra	3+0	
HUM-101	Functional English/English Structure I	3+0	
PHY-101	Introduction to ICT	2+1	
ECO-101	General – B1/Introduction to Economics	3+0	
HUM-102	Islamic Studies/Ethics	2+0	
	Total Credit Hours	**17+1**	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
MTS-201	Introduction to Applied Mathematics	03+0	
MTS-202	Calculus -II	04+0	
PHY-201	General – A I/ Applied Physics-I	03+1	
MTS-203	Mathematical Thinking	03+0	
HUM-201	Pakistan Studies	02+0	
	Total Credit Hours	**15+1**	

Scheme of Studies: BS - Mathematics

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
HUM-211	Communication Skills /Presentation Skills	3+0	
CSE-211	Introduction to Language (C++).	3+1	
MTS-211	Calculus-III	4+0	
MTS-212	Linear Algebra	3+0	
PHY-201	Applied-Physics-II	3+1	
	Total Credit Hours	**16+2**	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
HUM-221	English Structure II/ Technical Writing	3+0	
MTS -221	Computing Tools for Mathematics	3+1	
MTS -222	Mathematical Statistics	3+0	
MTS -223	Ordinary Differential Equations	3+0	
HUM-222	General -A IV/ Introduction to Sociology/ Introduction to Philosophy	3+0	
	Total Credit Hours	**15+1**	

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
MTS -311	Abstract Linear Algebra	4+0	
MTS -312	Differential Geometry-I	3+0	
MTS -313	Set Topology	3+0	
MTS -314	Numerical Methods	3+0	
MTS -315	Real Analysis	3+0	
	Total Credit Hours	**16**	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
MTS -321	Group Theory	3+0	
MTS -322	Classical Mechanics	3+0	
MTS -323	Complex Analysis	3+0	
MTS -324	Diff: Geometry-II	3+0	
MTS -325	Partial Differential Equations	3+0	
MTS -326	History of Mathematics	2+0	
	Total Credit Hours	**17**	

Scheme of Studies: BS - Mathematics

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
MTS-411	Elective – A I	3+0	
MTS-412	Elective – A II	3+0	
MTS-413	Functional Analysis	3+0	
MTS-414	Stochastic Process	3+0	
MTS-415	Theory of Rings and Fields	3+0	
	Total Credit Hours	**15**	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
MTS-421	Elective – A III	3+0	
MTS-422	Elective – B-IV/ Final year Project II	3+0	
MTS-423	Number Theory	3+0	
MTS-423	Numerical Analysis	3+1	
MTS-424	Measure Theory	3+0	
	Total Credit Hours	**15+1**	

FINANCIAL MATHEMATICS

Course Code	Title	Credit Hours	Pre-requisite
FIN-	Financial Mathematics	3	
FIN-	Actuarial Mathematics	3	
FIN-	Portfolio Theory and Risk Management	3	

APPLIED MATHEMATICS

Course Code	Title	Credit Hours	Pre-requisite
MTS-	Fluid Mechanics	03	
MTS-	Advanced Fluid Mechanics	03	
MTS-	Integral Equations	03	
MTS-	Calculus of Variations	03	
MTS-	Electromagnetism	03	
MTS-	Quantum Mechanics	03	
MTS-	General Relativity	03	
MTS-	Analytical Dynamics	03	
MTS-	Applied Probability Theory	03	
MTS-	Dynamical Systems	03	
MTS-	Error Correction and Coding Theory	03	

Admission Criteria:

Eligibility Criteria for Admission:
- Candidate must have Intermediate / F.Sc in Pre-Engineering group with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condonation by Board.
- Applicant has to appear and qualify Sukkur IBA written test and interview.

Program Structure

Duration of program:
4 years (8 semesters); students NOT from the Pre-Engineering Group have to attend intensive courses in Mathematics, Physics and Chemistry during the semester breaks of first and second years depending on their deficiencies.

Students cannot get the degree of BS before completing 4 years of study.

Total credit hours	: 136 (maximum 18 hours per semester)
Compulsory Courses	: 6 (11 credit hours)
Humanities Course	: 1 (3 credit hours)
Core Courses	: 24 (72 credit hours)
Minor Courses	: 8 (24 credit hours)
Electives-A	: 4 (12 credit hours) [Electives in Specialization]
Electives-B courses outside	: 2 (6 credit hours); mathematics
Class Size	: 50 (maximum) for lectures; 25 (maximum) for tutorial and laboratory session.

Drop out policy
- If any student is dropped during 1st or 2nd year of program, he/she can rejoin the program from the 1st semester without appearing in the entry test.
- If any of the students is dropped during 3rd or 4th year of program, he/she may regulate under term back policy.

Faculty Members of Mathematics and Social Sciences

Dr Javed Hussain
Head of Department of Mathematics & Social Sciences
and Assistant Professor

PhD. Mathematics from University of York
M.S. Mathemtical Finance from University of York
M.Sc. Mathematics from Quaid-i-Azam University, Islamabad
M.Phil. Mathematics from Quaid-i-Azam University, Islamabad
B.Sc from Shah Abdul Latif University, Khairpur

His areas of interest and research include, Theory of S-acts, Credit Risk and credit derivatives, Stochastic Geometric partial differential equation, particularly stochastic partial differential equations taking values in Semi-Remanian Manifolds.

Dr Zarqa Bano
Assistant Professor

PhD. COMSATS Institute of Information Technology, Islamabad
MS. COMSATS Institute of Information Technology, Islamabad
M.Sc. Shah Abdul Latif University, Khairpur

Dr Zarqa Bano holds a PhD degree in applied mathematics with specialization in Fluid Mechanics. Her research area is analytic solutions of differential equations arising from in the field of fluid mechanics in general and non-Newtonian fluids in particular.

Dr Sidrah Ahmed
Assistant Professor

PhD. in Mathematics from COMSATS Institute of Information Technology, Islamabad
MPhil in Mathematics from Quaid-e-Azam University (QAU), Islamabad

Dr Sidrah Ahmed has been working here since 2015. Her areas of expertise include numerical methods for nonlinear dynamics (Multiphase flows, granular flows, thin film dynamics, environmental and biological flow problems). From 2012 onwards she has been teaching at undergraduate and graduate levels in HEC recognized institutions. She is HEC approved PhD. supervisor and has supervised MS research students in the past. Dr Sidrah Ahmed has been awarded research productivity award from CIIT, PhD. scholarship from HEC, Merit scholarship from QAU.

Dr Rida -e- Zaneb
Assistant Professor (Study Leave)

Post-Doctorate from University of York, United Kingdom
PhD from University of York, United Kingdom
MPhil. Quaid-e-Azam University (QAU), Islamabad
M.Sc., University of Gujrat
B.A. University of Punjab

Dr Rida-e-Zaneb area of interest includes: Algebra, particularly in structure theory of semi-groups. In her PhD. thesis, she focused on decomposition of structures by actions. Her main interests are those semi group actions, which are closely related to theoretical Computer Science.

Faculty Members of Mathematics and Social Sciences

Dr Hafiz M. Khalid Shafi
Assistant Professor

Ph.D. from National University of Modern Languages (NUML) Islamabad
M.A. Arabic, Quaid-e-Azam University Islamabad
M.A. Islamic Studies, Islamia University Bahawalpur

Dr Khalid Shafi is among the most senior faculty members of Sukkur IBA. He has been affiliated with Sukkur IBA for the since August 1999. He has been teaching Islamic Studies, Pakistan Studies, Islamic History and Pakistan History. His hobbies include teaching Quran, Islamic Lecturer on various forums in Pakistan, gardening and tourism.

Dr Syed Hyder Ali Muttaqi Shah
Assistant Professor

PhD from Delft University of Technology, The Netherlands.
MPhil. Quaid-e-Azam University (QAU), Islamabad

Dr Hyder research primarily focuses on the Lagrangian modeling and methods for simulating the advective-diffusive transport of water masses in the global ocean.
He teaches various subjects including: Numerical analysis, scientific computing, differential equation, stochastic differential equation and mathematical modeling. He has been associated with Sukkur IBA from past 1 year.

Ghulam Hussain Manganhar
Professor of English

M.A. in English from the University of Sindh, 1971
M.Phil. from the University of Waterloo, Canada, 1984
Research work on English Literature at the Monash University, Melborne, Australia, 1984-86
He is the most senior and a founder member of faculty of Sukkur IBA. He has been teaching English for about 47 years and affiliated to the Sukkur IBA for more than the past 22 years.

His areas of interest are English Grammar, Communication Skills, Business Communication, Technical English Writing, English Composition, Creative Writing, Essay Writing and Composition for CSS candidates. He has been teaching candidates for CSS exams for about 30 years.

Dr Niaz Hussain Ghumro
Assistant Professor

PhD from University of Utara, Malaysia
MAS from Applied Economics Research Centre, Karachi University
M.Sc. (Mathematics) Shah Abdul Latif Univesity, Khairpur
B.Sc. (Statistics) Shah Abdul Latif Univesity, Khairpur

Dr Ghumro has vast experience of teaching in educational institutions, he has been affiliated with this field from past 15 years. He start working with Sukkur IBA in year 2007. His research interest includes: Econometrics and Mathematics. He teaches various subjects including: Business calculus and Statistical inferences, Econometrics and financial economics

Faculty Members of Mathematics and Social Sciences

Adnan Rauf
Assistant Professor

Mr Adnan Rauf, Assistant Professor of Mathematics, holds M.Sc. in Industrial and Business Mathematics from the University of Karachi (1999) and MS in Industrial Mathematics with specialization in "Mathematical Modeling and Scientific Computing" from TU Kaiserslautern, Germany in 2004. He has taught at Institute of Business Management Karachi, FAST, National University Karachi and Hamdard University Karachi.

Ubaidullah Yashkun
Assistant Professor

M.Phil from University of Sindh Jamshoro
M.Sc. from University of Karachi
B.Sc from University of Karachi

His areas of expertise are Computational Fluid Dynamics and Applications of Mathematics in Economics. His research interest includes: Applied Mathematics (Mathematics Engineering, Computational fluid dynamics and operations management). He has been affiliated with Sukkur IBA from past 5 years.

Abdul Ghani Soomro
Assistant Professor

M.Phil. in Education from Iqra University, Karachi
M.A. English, Shah Abdul Latif University, Khairpur Mirs

Mr Soomro has been affiliated with Sukkur IBA for the past 12 years'. He has more than 20 years' teaching experience as an ELT trainer, communicator and coach to the graduation, post-graduation and higher secondary levels. He possesses rich experience of Teacher's Training and Professional Development Programs. He is also EAP qualified from British Council, Islamabad and Certificate in TESOL from IED-AKU, Karachi. His research interests include English language teaching, pedagogical skills and language as a communication tool.

Mr. Ishfaque Ahmed Abbasi
Lecturer

PGD in TEFL from Aga Khan University, Karachi
M.A. English from Shah Abdul Latif University, Khairpur
M.Ed. from Shah Abdul Latif University, Khairpur

Mr Abbasi has been associated with Sukkur IBA for the past 9 years. He has more than 17 years teaching and teachers training experience. He has been a visiting faculty member at Johson Country Community College, Kansas, USA, under the US State Department grant. He teaches various subjects including Business Communication, Functional English, Communication and Presentation Skills. His research interests include English for Specific Purpose (ESP) and English in Distance Education.

Faculty Members of Mathematics and Social Sciences

Nazim Hussain Hajano
Lecturer

M.Phil Shah Abdul Latif University Khairpur
M.Sc. Shah Abdul Latif University Khairpur

Mr Hajano was awarded B.Sc (Hons.) and M.Sc in Mathematics from Shah Abdul Latif University, Khairpur (2002 & 2003 respectively) and currently doing MS in Mathematics from Shah Abdul Latif University, Khairpur . His teaching area is Business Mathematics, Business Calculus and Differential Equations.

Amanullah Phulpoto
Lecturer

M.Phil, Quaid-i-Azam University, Islamabad
M.Sc., Quaid-i-Azam University, Islamabad
B.Sc, Shah Abdul Latif University, Khairpur

Mr. Amanullah has diverse teaching and research experience. His research interest includes algebraic coding theory.

Irfan Hyder
Lecturer

MS in Applied Mathematics & Computational Finance from Sukkur IBA (In-Progress)
BS in Mathematics from Shah Abdul Latif University, Khairpur Mirs

Mr Hyder has 5 years of teaching experience. He has been working with Sukkur IBA for the last 2 years.

Zulfiqar Ali Chachar
Lecturer

MPhil. from Shah Abdul Latif University, Khairpur (In-Progress)
B.A (Hon) English from Sindh University, Jamshoro
M.A English from Sindh University, Jamshoro

His areas of interest are:- English Grammar, Communication Skills, Business Communication and Technical Report Writing.He is keenly interested in undertaking research in the areas of English for specific purpose (ESP) with the great focus on Business English and English for Engineers and English for computer science fields.

Faculty Members of Mathematics and Social Sciences

Mohammad Shoaib Khan
Lecturer

Master in Mathematics from University of Sindh, Jamshoro
B.Sc (Hons) in Mathematics from University of Sindh, Jamshoro

Mr Shoaib possesses 9 years of teaching and research experience. He has been affiliated with Sukkur IBA for 3 years

Abid Ali Memon
Lecturer

MS. (Applied Mathematics) IUB Bahal
M.Sc. (Applied Mathematics) from Shah Abdul Latif University, Khairpur (Gold Medal).
B.Sc. (Hon's) from Shah Abdul Latif University, Khairpur (Silver Medal)

Mr Memon areas of interest are Numerical computations and applied mathematics.
His research interest includes: Computational fluid mechanics. He has been working with Sukkur IBA from past 7 years

Surhan Fatima Memon
Lecturer

Surhan Fatima Memon completed her M.Phil. English from Fatima Jinnah Women University, Rawalpindi, Pakistan in 2014. Since September of the same year, she has been working in the capacity of Lecturer English in Sukkur Institute of Business Administration, Pakistan. Her research areas include literary theories and their applications, post-colonial literature, interactive theatre, and social change in Pakistan through performing arts.

She wishes to pursue a Ph.D in pedagogy and instruction through performing arts. She has been a Visiting Professor at Johnson County Community College, USA, for about four and a half months for understanding and exploring Learning Center Pedagogies, particularly the Writing Center.

Nasrullah Dharejo
Lecturer

Master in English Literature – Shah Abdul Latif University, Khairpur
Master in Media Studies in Shah Abdul Latif University , Khairpur

Mr Dharejo is a PGCC (Post Graduate Certificate Course), the City School's biggest course trained teacher. He has been teaching English for the last 5 years. He has been associated with Sukkur IBA since August 2014. Previously he was teaching as a lecturer at IBA Community College Khairpur Mir's. He remained at The City School System for 2 years, where he took some key responsibilities.
He is an innovative teacher. He is proficient in integrating ICT in teaching and learning through online platforms including   www.readtheory.org, www.quizlet.com, www.getkahoot.com, and www.vocabulary.com.

Faculty Members of Mathematics and Social Sciences

Irfan Ali Qureshi
Lecturer

M.Phil from Sukkur IBA
M.Sc. (Mathematics) from University of Sindh, Jamshoro

Mr. Qureshi possess 7 years of work experience in teaching at different institutions.
He has been associated with Sukkur IBA for the past 3 years.

Farhan Ali Bhutto
Lecturer

M.A Linguistics & Literature from National University of Modern Languages, Islamabad

Mr. Farhan has been an English faculty member at Sukkur IBA since August, 2009. His areas of interest are English composition, Phonetics & Phonology, accent enhancement and English language skills development. He did his Masters from NUML (Islamabad) and had been among the toppers of his batch. He did his diploma in Accent Enhancement from British Consultancy, Islamabad.
Apart from working at Sukkur IBA, he has also taught at Engro Model School and Engro College, Daharki. He had also been a part of The City School, Sukkur for a short time. He has attended and conducted scores of trainings and workshops on English language skills development and is an active member of SPELT.

Zard Ali Khan
Lecturer

MS in Project Management from SZABIST, Islamabad
MBA from SZABIST, Islamabad
Master in English (Linguistics and Literature), Quaid-i-Azam University, Islamabad

Mr Khan possesses a versatile hands-on experience, ranging from teaching to training to administration. In the course of his academic journey, he developed an exceptional knack for the English language, made concerted efforts to that effect and held to his pragmatic approach: Communication Skills to Inspire. He has diverse teaching, training and professional work experience in academic and non-academic world. He has an innate propensity for languages and has also got prodigious expertise in the spheres of project management, human resources management, communications, and training and development.
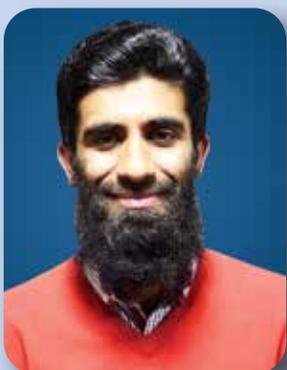
Usama Abdul Rahman
Lecturer

Usama Abdul Rahman completed his M.A. English from Shah Abdul Latif University, Khairpur, Pakistan in 2013. Since the January of the 2012, He has been working in the field of Education as a teacher, First at The City School Network, IBA-Public School and currently at Sukkur Institute of Business Administration, Pakistan since September 2016. His areas of interest include 'Teaching Pedagogy', 'Management and leadership skills' and 'Emotional Intelligence and its role in teaching'. He wishes to pursue An MS degree, leading to PhD in pedagogy and management. He has a deep interest in Communication and negotiation skills, particularly in Business Communication.

Faculty Members of Mathematics and Social Sciences

Zahid Hussain Shaikh
Assistant Professor (Study Leave)

PhD in Economics from City University of Hong Kong (In-Progress)
MPhil Econometrics from Pakistan Institute of Development Economics, Islamabad
MSc. Applied Mathematics from Shah Abdul Latif University, Khairpur

Mr. Shaikh started his career at the Sukkur Institute of Business Administration in October 2005, as a first permanent Mathematics' lecturer in the Department of Business Administration. He taught many Mathematics related courses-such as Calculus, Matrix Algebra, Discrete Mathematics, and Probability & Statistics- in different departments of the Institute. His main research interests are in Open Macroeconomics, and Applied Econometrics. His current research focuses on explaining persistent movements in real exchange rates based on different trends in productivities in traded and non-traded goods sector. He is also interested in Dynamic programing and Applied Game Theory.

Abdul Saeed Rajput
Assistant Professor (Study Leave)

PhD from University of Canterbury, New Zealand (In-Progress)
M.Phil from Islamia University, Bahawalpur

Mr Abdul Saeed has almost 12 years experience of teaching English at different institutions of Pakistan. He has worked as an Assistant Professor in the department of Modern Languages, Karakoram International University, Gilgit, Pakistan from 2008 to 2013. He has been working as an Assistant professor in Institute of Business Administration, Sukkur since February 2013 to dated. He has been teaching Business Communication, Functional English, Case-Studies and Managerial Communication.

DEPARTMENT OF PHYSICAL EDUCATION & SPORT SCIENCES

Introduction

Sukkur IBA was established in 1994 with the vision to become a world-class university and mission to serve community. Sukkur IBA initially started its academic programs with affiliation of IBA Karachi. In 2006, the Institute was awarded a charter as a degree awarding institute and in 2017 transformed into a full-fledged government University. Sukkur IBA University is situated at the intersection of Baluchistan, Punjab and Sindh.

Undergraduate Programs

The Department of Physical Education & Sports Sciences is committed to preparing its graduates to assist individuals to achieve their health and fitness goals through medium of academics. The primary aim of the program is to produce broad- base graduates able to face the challenges of the modern world in the field of Physical Education & Sports Sciences. The department offers two degree program with a broad background in the theories as well as practical's.

Vision

The Physical Education & Sports Sciences department seeks an active leadership role in the development of health and physical activity at all levels through the application of Physical Education and Sports Sciences theories and practices. The Department aims at improving the overall health in society.

Values

The values that guide our decisions, strategies and actions are:

- Merit
- Quality
- Excellence
- Community
- Innovation, and
- Impact

Mission

The Physical Education & Sports Science Department seeks to contribute to the ongoing development of education in the field of physical education & Sports Science at all levels. The Department works to achieve its mission through the preparation of specialists in health and physical education, conducting scientific research, participating in scientific activities and community services.

Programs Offered

BS (Hons)
• Physical Education & Sports Sciences (4 Years)
    Associate Degree (AD)
• Physical Education & Sports Sciences (2 Years)

1. BS (Hons)

Physical Education & Sports Sciences (4 Years)

The Program will facilitate the study of sport sciences by focusing on the provision and practices of sports in modern societies. It will provide a sound theoretical background to enrich students' knowledge base and enable them to apply this knowledge to their specific sports.

Key areas of study include sports administration, Sports Management, Sports Psychology, and Exercise Physiology, track and field in addition to strategic planning for sports medicine, health & exercise

Eligibility Criteria:

12 years of education; FA/FSc, Pre-Engineering, Pre-Medical, Computer Sciences, Commerce, other fields of Arts or equivalent (A-level), with 50% marks.

Programme Specification

Graduates of this Programme shall be conferred the degree of Bachelor of Science & Associate Degree in (Physical Education & Sports Science)

Programme Goals

•The program will train the students to understand the functional anatomy and biomechanics of the human body.
•The program will introduce the students to the physiological basis for exercise and physical activity in direct application to physical fitness and athletic conditioning.
•The program will facilitate the students to assess health status, conduct fitness testing, and prescribe and administer exercise programs.
•The program will familiarize the students with performing health and fitness programming based upon the ability to assess needs, and to design, implement, and evaluate a project.
•The program will enable the students to analyze the social settings, propose and execute event management and turn it into a lucrative business opportunity.

Specific Professions/careers/occupations for graduates:

•Physical Education Teacher at district government/private schools.
•Director of Physical Education at the district government colleges.
•Director Sports at University level.
•District Sports Officer
•Lecturer Physical Education
•Sports Officer
•Sports Coach in educational institutions
•Sports Coordinator/Sports Manager
•Physical Training Instructor

Physical education and Sports Science Department have following facilities:

Indoor facilities
• Basketball Court
• Badminton Court
• Table Tennis Court
• Gymnasium for Multipurpose
• Gym & Fitness Center

Outdoor facilities
• Cricket Ground
• Football Ground
• Volleyball Court

Scheme of Studies: BS - Physical Education & Sports Sciences 4 years

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
	English-I (Compulsory 1)	3+0	
	Pakistan Studies (Compulsory 2)	2+0	
	Mathematics-I (Compulsory 3)	3+0	
	Philosophical Basis of Physical Education (Foundation-1)	3+0	
	Games-I	2-1	
	Athletics-I	1+1	
	Total Credit Hours	**17+2**	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
	English II (Compulsory 4)	3+0	
	Islamic Studies / Ethics (Compulsory 5)	2+0	
	Mathematics II / Univ. Optional (Compulsory 6)	3+0	
	Biochemistry (General 2)	3+0	
	Sports Biomechanics (Foundation 3)	2-1	
	Athletics-II	0+1	
	Games-II	1+1	
	Gymnastic-1	0+1	
	Total Credit Hours	**14+2**	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
	English-III (Compulsory 7)	3+0	
	Introduction to Computer (Compulsory 8)	2+0	
	Talent Identification in Sports	3+0	
	Games-III	0+2	
	Basics of Human Anatomy (Foundation 6)	2-1	
	Athletics-III	0+1	
	Gymnastic-II	0+1	
	Total Credit Hours	**11+5**	

Semester - IV

Course Code	Title	Credit Hours	Pre-requisite
	English IV/ Univ. Optional (Compulsory 9)	3+0	
	Introduction to modern technologies (General 4)	3+0	
	Sociology (General 5)	2+0	
	Administration and Management in Sports (Foundation 7)	3+0	
	Basics of Human Physiology (Foundation 8)	2-1	
	Practical Athletics-IV	0+1	
	Games-IV	0+2	
	Total Credit Hours	**13+4**	

Scheme of Studies: BS - Physical Education & Sports Sciences 4 years

Semester - V

Course Code	Title	Credit Hours	Pre-requisite
	Science of Sports Training (Major 1)	3+0	
	Pakistan Studies (Compulsory 2)	3+0	
	Physical Education for Special population (Elective 1)	3+0	
	Sports Nutrition (Major 2)	3+0	
	Introduction to Statistics (General 7)	3+0	
	Total Credit Hours	**15+0**	

Semester - VI

Course Code	Title	Credit Hours	Pre-requisite
	English II (Compulsory 4)	1+2	
	Research Methodology in Physical Education (Major 3)	3+0	
	Planning Sports Facilities (Foundation 9)	3+0	
	Test, Measurement & Evaluation in Phy: Edu: & Sports (Major 4)	3+0	
	Sports Psychology (Major 5)	3-0	
	Practical (Teaching Practice)	0+2	
	Total Credit Hours	**13+4**	

Semester - VII

Course Code	Title	Credit Hours	Pre-requisite
	Common Sports Injuries, Treatment & Rehabilitation (Major 6)	3+0	
	Exercise Physiology (Major 7)	2+1	
	Role of Media in Sports (Elective 3)	3+0	
	Scientific Sports Coaching (Foundation 10)	3+0	
	Specialization in one game (Elective 2)	1+2	
	Research Proposal	1+0	
	Total Credit Hours	**13+3**	

Semester - VIII

Course Code	Title	Credit Hours	Pre-requisite
	Sports Medicine (Major 8)	3+0	
	Curriculum Development in Physical Education (Major 9)	3+0	
	Adapted Physical Education (Major 10)	3+0	
	Research Thesis/Research Project	6+0	
	Total Credit Hours	**15+0**	

Semester - I

Course Code	Title	Credit Hours	Pre-requisite
	English 1	3+0	
	Mathematics 1	3+0	
	Foundation of Physical Education	3+0	
	Rules and Technique of Games	3+0	
	Fundamental Application of Physics	3+0	
	Basic Human Anatomy	3+0	
		3+0	
	Practical's		
	Skills in Games and Sports (Outdoor & Indoor)	3+0	
	Skills in Athletics (Apparatus and Floor Work)	3+0	
	Skills in Gymnastic	3+0	
	Total Credit Hours	**30+0**	

Semester - II

Course Code	Title	Credit Hours	Pre-requisite
	English II	3+0	
	Biomechanics of Sports	3+0	
	Research Method in Physical Education	3+0	
	Science of Track and Field	3+0	
	Pakistan Studies	3+0	
	Practical's		
	Skills in Games and Sports (Outdoor & Indoor)	3+0	
	Skills in Athletics (Track and Field)	3+0	
	Skills in Gymnastic (Apparatus and Floor Work)	3+0	
	Total Credit Hours	**24+0**	

Semester - III

Course Code	Title	Credit Hours	Pre-requisite
	English-III	3+0	
	Islamic Studies/Ethics	3+0	
	Human Biology	3+0	
	Test & Measureent in Phy. Edu. & Sports	3+0	
	Physiology	3+0	
	Administration and Management in Sports	3+0	
	Practical's		
	Skills in Games and Sports (Outdoor & Indoor)	3+0	
	Skills in Athletics (Track and Field)	3+0	
	Skills in Gymnastic (Apparatus and Floor Work)	3+0	
	Total Credit Hours	**27+0**	

Semester - IV			
Course Code	Title	Credit Hours	Pre-requisite
	English II	3+0	
	Biomechanics of Sports	3+0	
	Research Method in Physical Edu	3+0	
	Science of Track and Fieldcation	3+0	
	Pakistan Studies	3+0	
	Practical's		
	Skills in Games and Sports (Outdoor & Indoor)	3+0	
	Skills in Athletics (Track and Field)	3+0	
	Skills in Gymnastic (Apparatus and Floor Work)	3+0	
	Total Credit Hours	**24+0**	

Semester - IV			
Course Code	Title	Credit Hours	Pre-requisite
	English-III	3+0	
	Islamic Studies/Ethics	3+0	
	Human Biology	3+0	
	Test & Measurement in Phy. Edu. & Sports	3+0	
	Physiology	3+0	
	Administration and Management in Sports	3+0	
		3+0	
	Practical's		
	Skills in Games and Sports (Outdoor & Indoor)	3+0	
	Skills in Athletics (Track and Field)	3+0	
	Skills in Gymnastic (Apparatus and Floor Work)	3+0	
	Total Credit Hours	**30+0**	

BS in Physical Education (4 years)
12 years of education; FA/FSc, Pre-Engineering, Pre-Medical, Computer Sciences, Commerce, other fields of Arts or equivalent (A-level), with 50% marks.

Associate Degree (AD) in Physical Education (2 years)
12 years of education; FA/FSc, Pre-Engineering, Pre-Medical, Computer Sciences, Commerce, other fields of Arts or equivalent (A-level), with **50%** marks.

Associate Degree (AD) in Physical Education
Bridge Programme (2 years)
14 years of education; B.A/B.Sc, B.Com and other fields of Arts or equivalent (A-level), with 50% marks.

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ADMISSION PROCEDURE AND POLICIES

Welcome to Sukkur IBA

You are probably already aware that Sukkur Institute of Business Administration is ranked in top five Business Institutes of Pakistan.

Sukkur IBA believes on Merit, Quality and Excellence. Sukkur IBA has never compromised quality in its standard of student intake. Sukkur IBA's aims and objectives are to produce world class graduates who can globally compete, possess high ethical values and work for the betterment of society. The challenge has been to continue the emphasis on:

• Quality education at an affordable cost
• Association with reputed national and foreign institutions and industries.
• Raises the standard of education through a unique foundation semester
• To produce world class graduates who posses not only knowledge but also be equipped with practical skills and research capabilities and critical thinking.

Admission Policy:

The principal aim of the Admissions Policy of Sukkur Institute of Business Administration is to offer admission to students of the highest intellectual potential, irrespective of social, ethical and financial considerations.

Two further aims are:

• Encourage applicants to work hard so they can compete globally and work for the betterment of the society.

• To ensure that each applicant is individually assessed, without partiality or bias, in accordance with the policy of the admission selection criteria of Sukkur IBA.

Once students are admitted, we ensure that they are given the academic, personal and, where appropriate, financial support necessary for successful completion of their course at Sukkur IBA. Once students have applied then the principle detailed above takes absolute precedence. We will not introduce targets or quotas for people from specific backgrounds as we feel very strongly that applicants should be admitted on academic merit and potential to succeed in their chosen course.

Detailed selection criteria vary from subject to subject but in all we are looking for:

• Academic background and potential;
• Test performance;
• Commitment and self-discipline.

Every applicant is considered individually in an holistic assessment using all the information available to us:

• their academic record
• Test results, where a written test forms part of the assessment;
• Performance at interview, if interviewed.

Ultimately, all admissions decisions are based on academic criteria, test and interview results.

To try to ensure that all applicants access up-to-date and factually correct information, we provide exhaustive information about all aspects of our admissions procedures through our extensive range of publications and our website.

The Sukkur IBA offers full-time Business Programs, Information Technology Programs, Engineering Programs, Education Management Programs, Summer Programs, Foundation Course and Short Courses at Campus. It is not uncommon to find entrepreneurs, practicing, government employees, executives and professional and technocrats all attending these programs. The diversity in their work backgrounds makes interaction, inside as well as outside the class, a rich and educative experience. Specialized education programs are conducted for professionals from the corporate world.

The admission policy and procedure acquaint the students with rules, policies and services provided by different departments of the Institute. It provides guidelines to students to know the different programs offered, their eligibility criteria and registration and enrollment process.

The policy and procedure for the Admission to various programs / courses of the study at Sukkur Institute of Business Administration, Sukkur is stated below:

DEPARTMENT: BUSINESS ADMINISTRATION

UNDERGRADUATE PROGRAMS:

BBA	• Marketing • HRM • Finance • Entrepreneurship
Eligibility Criteria (For BBA)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condoned by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).
BS	• Accounting and Finance
Eligibility Criteria (For BS)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condoned by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).

BS	• Media and Communication
Eligibility Criteria (For Media and Communication)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condoned by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).

BBA	• Agribusiness
Eligibility Criteria (For Agribusiness)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condoned by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).

GRADUATE PROGRAM:

MBA (2 Years)	• Marketing • HRM • Finance • Entrepreneurship
Eligibility Criteria (For MBA 2 Years)	Candidate must have 16 years of education in any field from a HEC recognized University/Institution with minimum 60% marks or 2.2 CGPA secured in annual examination. **Admission Requirement:** Candidate must clear Sukkur IBA entry test or has minimum 50% score in NTS-GAT General or has qualified GRE or GMAT.

DEPARTMENT: COMPUTER SCIENCE

UNDERGRADUATE PROGRAMS:

BS	• Computer Science (CS) • Software Engineering (SE)
Eligibility Criteria (For BS, CS & SE)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condonation by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).

BS	• Computer Science Specialization in Artificial Intelligence
Eligibility Criteria (For Ai)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condoned by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).

DEPARTMENT: Electrical Engineering

UNDERGRADUATE PROGRAMS:

BE – Electrical Engineering	• Electronics • Power • Communication
Eligibility Criteria (For BE)	Candidate must have Intermediate / F.Sc in Pre-Engineering group with a minimum of 60% marks passed in annual examination with no supplement and no subject (s) condonation by Board.
BE	• Energy Systems Engineering (Renewable)
Eligibility Criteria (For BE)	Candidate must have Intermediate / F.Sc in Pre-Engineering group with a minimum of 60% marks passed in annual examination with no supplement and no subject (s) condonation by Board.
BE	• Computer Systems Engineering
Eligibility Criteria (For BE)	Candidate must have Intermediate / F.Sc in Pre-Engineering group with a minimum of 60% marks passed in annual examination with no supplement and no subject (s) condonation by Board.

DEPARTMENT: MATHEMATICS

UNDERGRADUATE PROGRAMS:

BS	• Mathematics
Eligibility Criteria (For BS-Mathematics)	Candidate must have Intermediate / F.Sc in Pre-Engineering group with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condonation by Board.

DEPARTMENT: PHYSICAL EDUCATION

UNDERGRADUATE PROGRAMS:

BS	• Physical Education (2 years)
Eligibility Criteria (For BS Physical Education)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condoned by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).
Associate Degree (AD)	• Physical Education (2 years)
Eligibility Criteria	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplement and no subject (s) condoned by Board OR A level (at least an average of 'C' grade in three principal subjects) OR American High School Diploma (with minimum of 60%) OR An international Baccalaureate (at least 28 points out of 45).

DEPARTMENT: EDUCATION

UNDERGRADUATE PROGRAMS:

B.Ed	• (Hon) Elementary
Eligibility Criteria (For B.Ed)	Candidate must have Intermediate / F.Sc with a minimum of 50% marks passed in annual examination with no supplementary and no subject(s) condonation by any HEC recognized University/Institution.

B.Ed	• (2.5 years)
Eligibility Criteria (For B.Ed)	Candidate must have 14 years of education with minimum 50% marks in annual examination with no supplementary and no subject(s) condonation by any HEC recognized University/Institution.

Path to Sure Success

Admission Procedure:

1 Talent Hunt Program/Foundation Semester

2 Crash Preparatory Course

3 Direct Appearance in Aptitude Test

Secured CGPA 2.2 or above

Qualify Aptitude Test

Interviews & Group Discussions

Inducted into Regular Programs
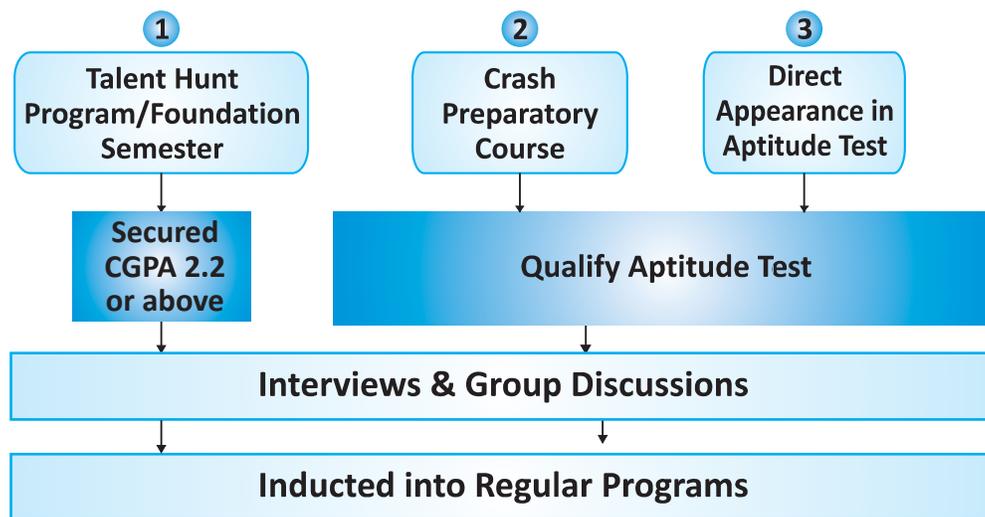
ELIGIBILITY CRITERIA FOR ADMISSIONS:
Candidates are selected for the admission at Sukkur IBA through:
1. Foundation Semester (Regular / THP)
2. Direct Appearance in Aptitude Test

Direct appearance in Aptitude Test:
Admission will be offered to all those who will appear in the aptitude test and qualify Sukkur IBA written test followed by group discussion and interview will make the candidate eligible for admission in undergraduate and graduate Programs at Sukkur IBA.

Foundation Semester (Regular / THP):
Candidate must appear and qualify Sukkur IBA written test for Foundation Semester. They will be enrolled for six- month classes. By Maintaining 2.2 CGPA in foundation semester will make the candidate eligible for admission undergraduate and graduate programs at Sukkur IBA.

Group discussion and Interview:
Candidates who qualify written test are evaluated analytically through group discussions in which their communication skills, confidence, maturity and leadership qualities are assessed.
The interview is a way of evaluating an applicant's level of maturity, motivation, interpersonal skills and career focus. It is one of the criteria used in the selection for admission at Sukkur IBA.
Applicants are required to bring the following original documents at the time of the interview:

For Undergraduate Program:
• SSC/O' Levels (or equivalent), certificate with a marks sheets
• HSC/A' Levels (or equivalent), certificate with a marks sheets (in case of applicants whose final year results have not been announced; first year marks sheet, showing no shortcomings in any subject must be provided)
• Equivalence certificates must be provided, incase of holders of degree/certificate issued by non Pakistani University/boards.

For Graduate Program:
• Graduation marks sheets (in case of applicants whose final year results have not been announced; first year marks sheet, showing no shortcomings in any subject must be provided)
• SSC/O' Levels (or equivalent), certificate with a marks sheets HSC/A' Levels (or equivalent), certificate with a marks sheets
• Equivalence certificates must be provided, in case of holder of degree / certificate issued by non Pakistani Universities / Boards.

Registration and Enrollment:
Students who have been granted admission in any program at Sukkur IBA must submit the following documents to complete the registration and Enrolment process:

For Undergraduate Program:
• SSC/O' Levels (or equivalent certificate/marks sheet plus and attested copy).
• HSC/A-Levels (or equivalent) certificate with mark sheet.
• Migration certificate of the university/university's Board (in case of other Board or .
• Six copies of recent passport-size photographs
• Copy of CNIC / B-Form

For Graduate Program:
• Graduation degree or marks sheet (if degree is awaited) signed by the university authorities and attested.
• SSC/O' Levels (or equivalent certificate/marks Sheet plus and attested copy).
• HSC/A-Levels (or equivalent) certificate with mark sheet.
• Migration certificate of the university/university's Board (in case of other Board or .
• Six copies of recent passport-size photograph
• Copy of CNIC / B-Form

The students must produce these documents and pay the fees within the time limit prescribed by the Institute.

Note:

- Applicants for undergraduate program must have completed HSC or equivalent at the time of appearing for the interview. Applicants whose final year results have not been announced at the time of the interview should have no shortcoming in the first year of their HSC / A' Levels (Equivalent) examinations. Such applicants may be granted provisional admission. In case their final exam results are subsequently found not meeting the minimum requirements for the admission at Sukkur IBA, their provisional admission shall stand cancelled and their paid fees will be refunded.
- The Sukkur IBA also accepts applications of the professional degree holders (B.E, M.B.B.S and C.P.A., etc.) on the merit basis.
- Sukkur IBA does not accept any credit transfer from any other University / Institution.
- Students are selected totally on merit basis and availability of seats.

WHY STUDY AT SUKKUR IBA

- Learn the skills and abilities that are needed in today's work place and fundamental concepts that will be important for decades to come.
- We provide the educational foundation necessary for life-long learning.
- We strive to integrate research and education so that research contributes tangibility to the undergraduate and graduate curriculum, keeping it continually up-to-date.
- Through Research and innovation, we create collaborative bridges across Sukkur IBA and educate to the next generation.
- Through research and innovation, we create collaborative bridges across Sukkur IBA and educate the next generation of global leaders.

Disclaimer:
The Competent authority of Sukkur IBA reserves all rights to change and update any data and information presented herein and also amend the policies given herein.

ACADEMIC ACHIEVEMENTS:

Sukkur IBA ranked in top five business schools in Pakistan.

- Case Based Teaching Methodology
- Special Focus on Faculty Development
- Establishment of Career Development Center (CDC)
- Establishment of Center for Entrepreneurial Leadership and Incubation
- Introduced degree program in Entrepreneurship
- Introduced degree program in Agri-Business
- Establishment of Department of Education Management.
- Quality Enhancement Cell (QEC)
- Membership of AACSB (Association to Advance Collegiate Schools of Business)
- Membership of Programs by National Business Education Accreditation Council (NBEAC)
- Accreditation of programs by National Computing Education Accreditation Council (NCEAC), which awarded the Highest category "W" to Sukkur IBA's Computer Science programs
- Accreditation of Engineering Program by Pakistan Engineering Council (PEC)
- Academic Linkages with Asian Institute of Technology, Bangkok, University of British Colombia, Simon Fraser University Canada and Kent University, UK
- Campus Management Solution & Learning Management Software
- Credit Course through video conferencing facility from Professors of USA, UK and Ireland
- NBEAC (National Business Education Accreditation Council) has awarded the accreditation to Sukkur IBA and awarded "W" category to the Business Administration Degree Programs (BBA & MBA) which is the top most ranking category.
- WWF certifies Sukkur IBA as the first Green Office / Campus across Pakistan.
- Center for Entrepreneurship and Incubation (CELInc.) at Sukkur IBA in collaboration with Higher Education Commission (HEC) of Pakistan established a Business Incubation Center (BIC).
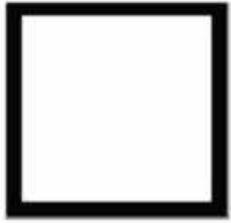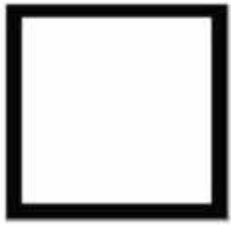
EVALUATION AND GRADING

Evaluation and Grading

Students' performance is evaluated through a system of testing spread over the entire period of their studies. In addition to the final examination at the end of each semester, students are tested through term exams, a series of short quizzes, class discussions, written assignments, research reports, presentations on different topics etc. All of these elements contribute to the final grades.

Students have to sit for two term examinations for each course; in every semester marks of both term examinations are counted towards the final grade. A number of surprise quizzes are also conducted during the semester to assess the performance of the students.

In determining the course grade, 60% of the final grade is based on the mid-semester's work and 40% is dependent on the semester's final examination, and 50% is compulsory to get in final exam to pass the course. However, the institute reserves the right to modify these evaluation criteria.

A Cumulative Grade Points Average (CGPA) is computed at the end of the semester and Summer Semester is also treated as a full semester. Final grades in each course are converted to grade points as per following criteria.

CGPA = Sum of (credit hours of all courses× grade points)/Sum of credit hours of all courses

The following grading scheme is applied to evaluate a student's academic performance:
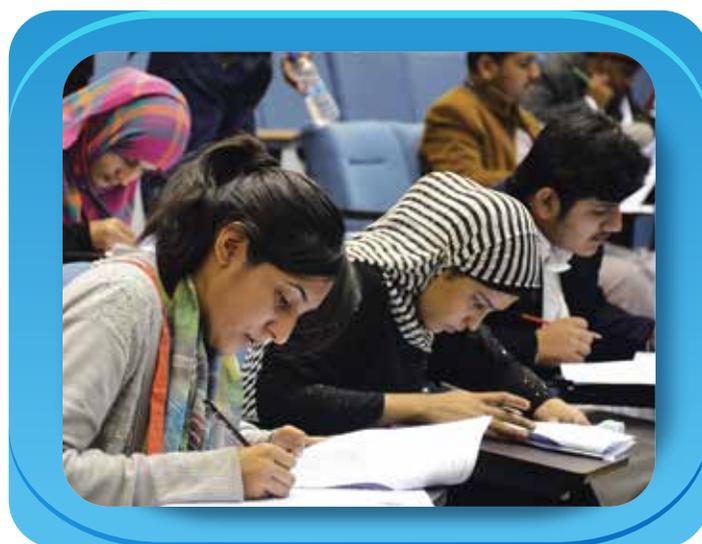
For Theory Examinations

Grade	Percentage/Marks	GPA
A	93 – 100	4.00
A-	87 – 92	3.67
B+	82 – 86	3.33
B	77 – 81	3.00
B-	72 – 76	2.67
C+	68 – 71	2.33
C	64 – 67	2.00
C-	60 – 63	1.67
Fail	Below 60	0.00

For Practical Examinations

Grade	Percentage/Marks	GPA
A	46 – 50	4.00
A-	44 – 45	3.67
B+	42 – 43	3.33
B	39 – 41	3.00
B-	37 – 38	2.67
C+	35 – 36	2.33
C	32 – 34	2.00
C-	30 – 31	1.67
Fail	Below 30	0.00

The 50% Marks in Final Examination Rule

Sukkur IBA has implemented the attainment of 50% marks policy in the final examination of every course to improve quality of education. The minimum requirement for each candidate enrolled in any degree program of Sukkur IBA is to obtain 20/25 out of 40/50 marks in the final examination and 10 out of 20 marks in the final viva/voce/practical.

Practical Examinations

If a student fails in theory examination and manages to pass practical examination, he/she will have to repeat the complete course (theory and practical) and if a student passes theory examination and fails in practical examination then he/she will also have to repeat the complete course (theory and practical).

Minimum CGPA Requirements

A student must maintain a minimum CGPA of 2.2 on a cumulative basis during his/her stay at the Sukkur IBA. A student securing a CGPA between 2.0 and 2.2 is put on probation for one semester. At the end of the semester, students on probation are required to improve their CGPA and bring it up to the required minimum of 2.2 CGPA.

If a probationer shows an improvement, but his/her GPA is still below 2.2, his/her probation may be extended for another semester, otherwise he/she will be dropped as per drop policy of Sukkur IBA. If he/she still fails to bring his CGPA to 2.2 by the end of the next semester, he/she will be dropped from the rolls of the institute.

If a student fails to pass certain courses and yet manages to maintain his/her CGPA equal to or above 2.2, he is allowed to repeat/improve and pass the course (s) or its substitute (s) (wherever permissible) before the degree is awarded to him/her.

The CGPA is computed at the end of each semester, including a summer semester that a student may have enrolled in.

Drop Out Policy
For (4 Years) Degree Program:

1. In this program, if any of the student is dropped during 1st or 2nd year of program, he / she may rejoin the program from the first semester without appearing in the entry test.
2. If any of the students is dropped during the 3rd or 4th year of program, he / she may be regularized under the term back policy.

For (3.5 Years) Degree Program:

1. In this program, if any of the student is dropped in the 1st or 2nd or 3rd semester of the program, he / she may rejoin the program from the 1st semester without appearing in the entry test.
2. If any of the students is dropped after 3rd semester of program, he / she may be regularized under the term back policy.

For MBA (2.5 Years) Program:

1. In this program, if any of the student is dropped during 1st year of program, he / she may rejoin from the 1st semester without appearing in the entry test.
2. If any of the students is dropped in the 2nd year or 3rd year of the program, he/she may be regularized under the term back policy.

For MBA (2 Years) Program:

1. In this program, if any of the student is dropped during 1st Year of the program, he/she may rejoin from the 1st semester without appearing in the entry test.
2. If any of the students is dropped in the 2nd year of the program, he / she may be regularized under the term back policy.

Evaluation and Grading

CGPA Requirement for All Degree Programs:

I. If in any program student's CGPA in the final semester is less than 2.2, but not below 2.0, the student shall be required to repeat one semester of the lowest academic standing or certain courses in order to bring his / her CGPA up to 2.2 with the following conditions:

(a) The student who succeeds in improving the CGPA (minimum 2.2), he/she will be eligible for the award of his/her degree.

(b) The student who fails to improve the CGPA will not be eligible for the award of degree. However, such a student shall be issued only transcript of credits earned.

Maximum time period for removing the deficiency and bringing CGPA to a minimum 2.2, is two years.

Improvement of Grades

The students are allowed to repeat courses in order to improve their previous grades, with following conditions:

a. The higher/improved grades be treated as the final result and there would be no averaging.
b. The final CGPA would be calculated on the basis of the higher/improved of two attempts.
c. The new grade will appear on the transcript.
d. In case a student gets a lower grade, his/her previous/old grade will stand valid.
e. A student who is repeating the course will not remain eligible for nomination of Gold Medal and Dean's list.
f. Drop out student are not eligible to improve their grades.
g. All cases of course repeat for improvement would be charged for the additional course fee.
h. This policy is applicable w.e.f January 2016 (Spring 2016).

Summer Session

Students doing an internship during the summer semester are not allowed to register for an advanced credit or an additional course.

However, such students are allowed to make good deficiency in one course during the summer semester.

Advance credit courses cannot be taken in a regular semester.

Students, not doing an internship, can clear up to two deficiencies. Students may withdraw from one course during the summer semester.

Withdrawal should be sought at any time, at least one week before the start of final examinations.

Students are allowed to avail themselves of three absences in summer session.

Note: Graduates who pass out can opt up to three courses with approval of the competent authority in summer semester.

Internship Evaluation

The summer internships for full-time students are closely monitored and evaluated. During the internship period, follow-up meetings are arranged between interns and faculty members to discuss the interns' progress and concerns, if any. Feedback about the performance of the internee is obtained from his/her supervisor. At the end of the internships, students submit an internship report and are also interviewed for feedback regarding their experience.

Comprehensive Examination

Every graduating student of MBA and PhD is required to pass a comprehensive examination on completion of course work. This three-to-six hour examination is held after every regular semester. After completion of course-work, the maximum period allowed to clear the comprehensive examination is five years. Students who fail the comprehensive examination, are eligible only for the individual course certificates.

Evaluation and Grading

A student is eligible for a final transcript/degree only after passing the comprehensive examination. However, he/she may obtain a provisional certificate/transcript on completion of the course requirements.

Discipline

Regularity, punctuality and conformity to schedules and deadlines are basic requirements at Sukkur IBA and are expected to be adhered to equally by the faculty members and students. This ensures a strong commitment towards professional excellence of all those who come to teach and learn at the Sukkur IBA.

Students are required to maintain discipline and order at the campus. Behavior of students is closely monitored, and a student is deemed to have lost a good standing if his/her conduct is found objectionable or unreasonable; it may also lead to cancellation of his/her admission.

Attendance

A distinguishing feature of the Sukkur IBA is its adherence to the academic calendar. A detailed program is provided on the very first day of every semester.

Students are required to attend lectures, laboratory sessions, and seminars and undertake fieldwork, as may be specified for a course each semester.

The teacher takes attendance in each class daily. Late comers are marked absent even if they are late by a minute. No lame excuse is acceptable in this regard.

If a student accumulates more than the permissible absences, he/she is awarded an 'F' in that course.

Students are allowed to avail themselves of six absences. If students' absences exceed up to eight (08) even due to some genuine reasons, he/she will be allowed withdraw "W" in that course. And, if absences exceed nine (09), due to any reason he will be awarded "F" in that course.

Pre-Requisite

Name of Auto withdrawal/Pre-Requisite subject may be replaced with "cancel" subject. Students may not be allowed to withdraw if he/she has any cancelled subjects.

Withdrawal from a Course

Students are allowed to withdraw at the most one course in a semester, if such withdrawal helps the students in improving his/her performance in the remaining courses. Withdrawal should be sought at any time before appearing in the final examinations. Withdrawal from a course is not treated as a failure. However, once a student has accumulated more than the permissible absences in any course, he/she is not allowed to withdraw from that course and is awarded "F" grade in that course.

In the first semester of all degree programs students are not allowed to withdraw English or Mathematics.

Policy on Cheating

The Sukkur IBA maintains a strict policy on academic impropriety. Based on its zero-tolerance for such activity, any student found cheating or using unfair means in an examination is immediately expelled from the Sukkur IBA and is declared ineligible for readmission in the future.

Course Load

The course load for degree program students is 4 to 6 in the regular semester. A student cannot take additional course/s in any semester except in the final semester of degree program. If a student needs to overcome his/her deficiencies, he/she can do so by withdrawing a course. In the final semester of his/her degree, a student may, however, take total seven courses in a last semester to complete the required course load.

Policy Regarding Make-up Examinations

No make-up exam shall be allowed for missing a term or semester, final exams for any reason whatsoever. However, make-up exams can be taken on medical grounds only.

Make-up exam on medical grounds in extremely serious cases must be authenticated by the recognized hospitals. The disciplinary committee may consider allowing make-up exams in mid-terms only. The committee's decision in this regard shall be final. This facility shall, however, be allowed for only one of the two term examinations in a semester.

Additional fee is charged from students for make-up examinations for each course.

Answer Book Recounting Policy

Recounting of final papers is allowed, subject to deposit of Rs. 5,000/- per course, which is refundable if any significant improvement in grade/marks is found after rechecking.

The time period for recounting is one month after announcement of results.

DISCLAIMER:
The competent authority of Sukkur IBA reserves all rights to change and update any data and information presented herein and also amend the policies given herein.

KNOWLEDGE CENTER

Introduction

Sukkur IBA library serves as catalyst in supplying resources and services to support the goal of Sukkur institute of business administration. Library assists in the development of information literacy by providing instructions on the use all types of library materials and providing assistance to community beyond the confines of the institute. Library possesses a collection of 40,000 print books and more than 100,000 electronic books accessible via digital library. The library subscribes 20 print journals/magazines and provides plenty of electronic journals to its community.

Diverse library services are initiated including, circulation services, reference services, literature searching, OPAC, interlibrary loan, multimedia services, photocopy services.

Collections

The university library's collection comprises 60,000 volumes housed in Sukkur IBA library. Holdings are strong in all academic disciplines with collection in business administration, computer science, engineering and education. Besides subscription to research journals, library also subscribes to five national and one foreign newspaper, Dawn, The News, Business recorder and Express.

Friends of the Library

The university library's collection comprises 60,000 volumes housed in Sukkur IBA library. Holdings are strong in all academic disciplines with collection in business administration, computer science, engineering and education. Besides subscription to research journals, library also subscribes to five national and one foreign newspaper, Dawn, The News, Business recorder and Express.

Donated Collections
Library welcomes unconditional donations. The following donations have been received in the library and housed in designated corners.

The Major donated collections are as follows:
1. Riaz Siddique's collection
   5000 books
2. Shah Muhammad Shah's collection
   15000 books
3. Prof. Ateeq-ur-Rehman's collection
   17000 books
4. Rotary Foundation Literacy collection
   5000 books

Depository Collection:
Sukkur IBA library in a depository of Asian Development Bank (ADB). The publication of ABD are placed in separate section after essential processing. The connection contains statistical information sources along with report regarding business, industry, socio-economic aspects of Asian Nation etc.

Friends of the Library

CD / DVD ROMs:
Sukkur IBA library processes more than 400 CDs and DVDs. This educational material can be utilized within library premises. For this purpose, multimedia center is equipped with the latest technology.

Electronic Databases:
Library is providing IP based access to electronic resources through online databases. Below mentioned databases can be accessed across the campus.

African Cultural Heritage Sites and Landscapes
The African Cultural Heritage Sites and Landscapes Collection links high-quality visual, contextual, and spatial documentation of African heritage sites. The Collection includes photographs, 3D models, GIS data, site plans, aerial and satellite photography, images of rock art, excavation reports, manuscripts, travelers' accounts, historical and antiquarian maps, books, articles, and other scholarly research.

American Society of Agricultural & Biological Engineers (ASABE)
This is an educational and scientific organization providing access to 3 journals. Subject content covers advancement of engineering applicable to Agricultural, Food, and Biological Systems.

Cambridge Journals Online
Cambridge University Press's collection of nearly 200 leading journals across the sciences, social sciences and humanities.

CBI (Centre For The Promotion of Imports From Developing Countries)
The Centre for the Promotion of Imports from developing countries (CBI) was established in 1971. CBI is an Agency of the Ministry of Foreign Affairs and part of the development cooperation effort of the Netherlands. CBI contributes to the equitable economic development of selected developing countries by providing export marketing and management support to their SME exporters and Business Support

Organizations with the purpose of increasing exports to Europe.

EBrary
eBrary offers a wide variety of content across many subject areas, especially in business and social sciences. It acquires integrated collections of eBooks and other content. Ebrary continues to add quality eBooks and other authoritative titles to their selection from the world's leading academic and professional publishers.

Edinburgh University Press
Edinburgh University Press is the premier Scottish publisher of academic books and journals. It provides access to over 37 journals across a range of disciplines in the humanities and social sciences.

Emerald Insight
Provides full text of all 150+ Emerald online journals available, with full text back files, many going back to 1990's abstracts going back in some cases to 1980's.

Wiley Online Library
Wiley-Blackwell online database contains over 1,234 journals in science, technology, medicine, humanities and social sciences.

IMF eLibrary
The International Monetary Fund's (IMF) eLibrary simplifies analysis and research with direct access to the IMF's periodicals, books, working papers and studies, and data and statistical tools. You will find information and perspective on macroeconomics, globalization, development, trade and aid, technical assistance, demographics, emerging markets, policy advice, poverty reduction, and much more.

Informs Pubs. Online
Institute for Operations Research and the Management Sciences (INFORMS) publishes 12 scholarly journals including the flagship journals Operations Research and Management

Science. It provides full text access to current four years content from these ISI ranked peer reviewed journals.

ITC (International Trade Centre) Market Analysis Tools)

The ITC Market Analysis and Research (MAR) section is part of the Programme of Market Development of the International Trade Centre (ITC). Through MAR services, ITC provides on-line tools, provides tailored market research and trade analysis, and conducts training programmes in market analysis for trade policy makers, trade support institutions and the business community in developing countries.

JSTOR

An online archive database with complete back files of over 700 core scholarly journals covering Business, Finance, Economics, Mathematics, Statistics, Language, Law, Religion, Philosophy, Anthropology, History, Geography, Biological Sciences, Political Sciences and Education.

JSTOR – Global Plants

The largest of its kind, Global Plants is a community - contributed database that features more than two million high resolution plant type specimen images and other foundational materials from the collections of hundreds of herbaria around the world. It is an essential resource for institutions supporting research and teaching in botany, ecology, and conservation studies.

MCGRAW-HILL'S Access Engineering

ACE currently includes 274 titles. It is focused around 14 major areas of engineering. Access Engineering features a new taxonomy book view offering comprehensive coverage and faster title-by-title access to engineering collection. In addition, the McGraw-Hill Dictionary of Engineering is embedded on all search pages. It is easy and effective search or topical browse.

MCGRAW-HILL'S Access Science

This collection is highly recommended for all science users from high school through college, as well as users in large libraries. It contains full text and illustrations of McGraw-Hill Encyclopedia of Science and Technology. The database also contains 8,500 Encyclopedia and Research Update articles by leading researchers, including Nobel Prize winners, 100,000+ terms from Dictionary of Scientific and Technical Terms, 14,000 illustrations plus animations and image galleries and 65,000+ hyperlinked cross-references.

SAGE Journals Online - Management & Organization Studies Collection

This collection includes the full text of 40 journals published by SAGE and participating societies, some journals going back 60 years, encompassing over 50,500 articles.

SPRINGERLINK

SpringerLink provides access to 503 full-text Springer-Verlag Journals and 738 full-text journals formerly published by Kluwer Academic Publishing. One of the world's leading information services for Science, Technical and Medical journals.

Struggles for Freedom in Southern Africa

The Struggles for Freedom in Southern Africa Collection brings together materials from various sites throughout the world. By providing sample materials, the Collection also publicizes the rich collections of partner institutions, helping make them more widely known to researchers. The Collection consists of more than 180 000 pages of documents and images, including periodicals, nationalist publications, records of colonial government commissions, local newspaper reports, personal papers, correspondence, UN documents, out-of-print and other particularly relevant books, oral testimonies, life histories, and speeches.

Taylor & Francis Journals

Taylor & Francis has grown rapidly over the last two decades to become a leading international academic publisher. It provides access to more than 1000 journal titles in a full range of disciplines.

UPCC Books on Project Muse

UPCC Books launched on Project MUSE in January 2012. The book collections offer thousands of peer-reviewed digital books from over 65 major university presses and scholarly publishers and allow books to be discovered and searched in an integrated environment with content from nearly 500 journals currently on MUSE.

Services

Sukkur IBA Library is providing state-of-the-art services to its students, faculty and staff.

Self Check-in Service

Sukkur IBA library is providing state-of-the-art services like Selfcheck (TM) System C-Series to help its users in order to increase circulation, improve productivity and enhance customer service. The system automatically continues to function and retains information even if the network or integrated library system goes offline.

Self Check-out Service

Sukkur IBA library is facilitating its users by deploying Selfcheck out System for automatic circulation services. It will help the students in getting their transactions in smooth and efficient way.

Borrowing Services

At the time of admission, students become the member of the library. However, they are required to fill the membership form of library and need to verify their given information. All library members are entitled to borrow library materials as per their borrowing privileges. State of the art system is being employed for efficient borrowing services. Users can renew and reserve library books online.

Following are the privileges for the users.

Membership Category	Borrowing Privileges	Loan Period
Undergraduate Students	04 books	14 Days
Graduate & Post Graduate	08 books	14 Days
Teaching Assistants	04 books	14 Days
Research Associates	08 books	14 Days
Faculty	30 books	One Semester
Staff	04 books	14 Days
Other Members	04 books	14 Days

Inter-library Loan

The library is a part of a world-wide consortium that shares materials, allowing member libraries to borrow resources. Through this partnership, the library borrows books from other libraries or has copies of journal articles faxed to them in order to meet students' or faculty members' research needs.

Literature Searching

If library users are unable to search their required information material from library electronic collection, library staff facilitate the user in searching required staff.

Multimedia Service
Library has fully equipped multimedia center. The Centre provides viewing of audio visual material on latest viewing devices. It also provides space and computers to access library's digital and online resources.

Table of Contents Service
Table of contents service aims to provide latest table of contents of subscribed journals to those who have requested to receive the same. TOCs are provided in desired format either in soft or hard. To register your request for TOCs, please contact library circulation desk. This service is for Sukkur IBA faculty only.

Plagiarism Prevention Services
Library is a focal point for the use of Turnitin. A software is being utilized to identify similarities between documents and prevent plagiarism. We offer trainings for faculty and students of the university to effectively use Turnitin to desist from plagiarism.

Learning & Scholars Commons
Sukkur IBA Library established four learning & one scholar commons. These common rooms facilitate users for group discussions. Students and researchers can avail of this facility during library opening hours.

Citation Management Services
Library subscribes to and has also identified free citation management software. We offer hands-on trainings to enable faculty and researchers to use them effectively in their research work.

WI-FI Connectivity
Library is a hot-spot. Users can access internet on their laptops and other mobile gadgets in the library.

Library Website
Library maintains a dedicated website which is a gateway to library resources, systems and services. Users cannot only access library resources and services through the website but also contact library staff for answers to their library related queries. Library.iba-suk.edu.pk

General Rules
*All members shall be required to leave their personal belongings (books, files, briefcases, handbags, registers, etc.) at the entrance of the library. The library denies any responsibility for any loss.
*Users are not allowed to write, underline or mark the library books. The library books are carefully examined on return and the borrower shall be held responsible for defacing or damaging or causing loss to library material in their possession.
*In case of study in the library, after consultation the library materials are to be left on the reading table, which shall be shelved by library staff appropriately.
*Complete silence shall be observed inside the library, except for brief subdued talk with the library staff at the circulation desk or any other section of library. However, non-noisy discussion are allowed in designated learning commons.
*Drinking (except water) and eating shall not be allowed inside the library.
*Using of mobile phones and smoking are strictly prohibited inside the library.
*Loud talk/un-necessary discussion/disturbance/ snoozing etc., shall not be allowed inside the library.

*Non-issuing textbooks will be issued for a shorter period of time.
*Library card is must for access to library premises and to check out any library item.
*Make sure you have provided correct email address while filling your library membership form as a whole correspondence including overdue notices will be communicated through email.
*Loan may be renewed though library circulation desk or online portal if another user has not reserved the desired book. Overdue books will not be renewed online.
*Books already checked out by some other user can be reserved. You can also request reserving the book through library portal.
*If you accidentally misplace a book and could not find it after a thorough search, report to the circulation desk.

Fines:
To ensure timely return of library materials and to provide optimal sharing of the collections, fines are imposed for overdue items. Borrowers are responsible for returning or renewing items by the due date.
*If items are not returned within due date, fines become retroactive to the first overdue day at Rs. 10/- per book per day.
*Lost books: In case of loss of or damage to books, the patron will have to replace the lost item with original or new edition or he will be charged two times according to the current price of the item.
*Non-circulating text books: This material is issued for three hours only. If item is not returned within the allotted time, a fine of Rs. 50/- for each hour will be charged.
*Disciplinary Fines: Rs. 500/- on first time violation. If the patron continues the violation, the case will be referred to disciplinary committee.
*Overdue and fine notices will be sent through official email. All library fines are paid only through bank challans. Library account will be frozen if the fine exceeds Rs. 5,000/-
*While returning library books or other materials at the circulation desk, please ensure that the circulation staff has removed the item from your account.
*Do not give your library card or checked out materials to others. This may be helpful to avoid hefty overdue fines, especially in case of course reserves.

Library Opening Hours

Sukkur IBA University library operates in following hours:-
Monday to Tuesday   09:00 AM to 10:00 PM
Sunday   10:00 AM to 04:00 PM
During Exams   09:00 AM to 12:00 AM
Library will be closed on public holidays announced by Sukkur IBA University

KEY CONTACT PERSONS:

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Cell   : 0304-7924161

Naveed Mustafa
Acquisition Librarian
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CAREER DEVELOPMENT CENTER

Introduction

Career Development Center (CDC) at Sukkur IBA started its journey in year 2011. It was established to minimize the gap between industry and academia by providing services to the students, alumni and the corporate world. It is a platform for the assistance to our students and linking academia with industry.

CDC at Sukkur IBA mainly performs following key functions.

Career Development Services (CDS)

One of the key functions of Career Development Centre (CDC) is to focus on skill development and skill enhancement of our graduates. Following are the services being offered under the flagship of CDS:

Placement and Career Counselling Services

The main function of this service is to coordinate with industry in order to organize Job Fair and assisting students for the placement of jobs, internships, and final year projects. Since its establishment, CDC has been successfully placing its graduates through campus drives, on the campus tests and interviews and assisting partner organizations by providing graduate directories for placement.

Completing a 6-week internship is a prerequisite for all students at Sukkur IBA to complete a degree program. On average CDC places more than 200 students annually in different organizations throughout Pakistan as interns during summer vacations. Job fairs are also organized in which employers from Karachi, Lahore, Islamabad, Sukkur, Hyderabad and other cities of Pakistan visit campus and hire students as per their respective human resource need. This department has also been supporting students in securing 6 months' final year projects in industry to complete the degree requirement. The department also hosts many organizations every year for campus drive.

Jobs and Placement Services
o   Assisting in Jobs Application
o   Jobs Posting and Announcements
o   Resume collection and Placement
o   Assisting in Internship Program
o   Assisting in Final Year Projects
o   Assisting in Work-study and Research projects
o   Job Fairs
o   On campus interviews

Trainings, Workshops & Seminars
o   Guest Speaker Sessions
o   Workshops and Seminars
o   Group Discussions / Role Plays
o   Customized Trainings

Students Development Services

To provide career counselling and guidance services to the students, we are working proactively to build students capacity to compete in the job market and keep them abreast with all modern challenges of job market. Following this philosophy, workshops, seminars and training sessions are being held on regular basis. To upgrade the skills of students to perform better in interviews and in the job market, every year CDC organizes workshop with senior Alumni and other professionals on resume / CV writing, interview skills and career counselling for final year students across all the disciplines. This program has been a regular feature from the last couple of years. CDC department also organizes mock job tests and mock interviews to prepare the students for professional life endeavours.

Students development services includes:
o   Learning about careers
o   Resume Writing Skills
o   Jobs Search Techniques
o   Interview Techniques
o   Preparing for Job interviews
o   Personality Development Program

University Advancement Office (UAO)

Establishing linkages between industry and academia is sole reason of existence for CDC, through this office, all internal and external relationships are maintained. It also works with government and non-government organizations for resource developments, raising funds for endowments and hunting projects for intuitional support. It is an ongoing process for continuous relationship building and maintaining prosperous growth for academia.

Financial Aid Office (FAO)

In order to identify the financial needs and design the customized financial solutions for students, Financial Aid office is established. This office is active in generating and managing scholarships and financial assistance programs. Currently, almost 70% students of Sukkur IBA are availing themselves of scholarships which are backed by score of donor agencies, government organizations, individual philanthropists, business community, and industry and district associations.

Alumni Affair Services

World's best institutions recognized the importance of its graduates and give strong focus on its alumni chapters. Considering its importance, Career Development Center also compliment to the component of alumni affairs by engaging and involving them through Alumni Reunions, Organizing Music and Cultural events and taking them on board in student's career counselling and job placement.

A representative elected by the alumni is a member of senate, which is supreme body of Sukkur IBA.

Marketing & Communication

The function of this component is to provide support from concept development to implementation of marketing and public relations strategies favorably and accurately reflecting Sukkur IBA's high level standards of academic quality.

Marketing Services

Marketing Material
o   Posters, Flyers & Handbills
o   Banners
o   Pena flexes
o   Souvenirs, Giveaways & Mugs
o   Shields

Marketing Tools & Medium
o   Documentary
o   Press Release
o   Social Media
o   Newsletters
o   Annual Report
o   Prospectus
o   Advertisements (print, electronic, online, radio, billboards)

Scholarship Support: Donor-wise

S.#	Name of Scholarships
1	Sindh Endowment Fund Scholarship Program
2	HEC-USAID Needs Based Scholarship
3	USAID for Education Department
4	HEC-Needs Based Scholarship Program
5	Prime Minister National ICT R&D Fund Scholarship Program
6	Prime Minister Fees Reimbursement Scheme
7	Ayesha Abdul Fatah Memon Scholarship Program
8	Continental Biscuit Scholarship
9	Mrs. Habiba Memon & Mrs Ghulam Fatima Turk Merit Scholarship
10	Viqarun Nisa & Feroz Khan Noon Trust
11	Pehlaj Roy
12	UBL Scholarship Program
13	NBP Scholarship Program
14	Meeza Bank Ihsan Trust Loan
15	HBL Foundation Scholarship Program
16	SANA FAME Scholarship
17	Punjab Educational Endowment Fund
18	Mr. Ali Ahmed Shaikh Scholarship Program
19	Sitara Chemicals Limited
20	TDAP (CONTRIBUTION BY S.M. MUNIR)
21	Port Qasim Autority Scholarship Program
22	Uch Power Limitd Scholarship Program
23	Itehad Chemicals Pvt Limited
24	Abdul Ghaffar Bhyadelia Scholarship Program
25	Mari Gas Company Limited
26	Haji Muhammad Yaqoob Bachani
27	District Zakat & Ushr Committee Khairpur Mirs
28	Khairpur District need cum Merit Scholarship
29	Minority Scholarship (Ministry of Religious Affairs Islamabad)
30	Talent Hunt Program Schoalrship
31	Institutional scholarship Program-Merit Based
32	Institutional scholarship Program-Need Based FULL
33	Hidayat Jumani Scholarship Program

Sukkur IBA Endowment Fund

Sukkur IBA has also established its own Endowment Fund which is used to generate institutional merit and need based scholarships. The management of Endowment Fund includes Sukkur IBA friends from corporate and governmental organization.

Financial Assistance for the Needy and Meritorious Students

No any mind should be deprived of education due to financial constraints. This is the philosophy that Sukkur IBA followed by spending generous funds for the scholarships and financial assistance programs for needy and meritorious students. Financial Aid and University Advancement Office has been established to solely focus on this area and keep increasing the funds and donors for funding to the needy but talented students.

CONTACT US

For Alumni Affairs / Industry Linkages Related Qeries:
Mr. Attaullah Jatoi
Manager Industry Linkages
Contact: 071-5644258

For Scholarships/Financial Aid Related Queries:
Mr. Mansoor Hyder Kalhoro
Assistance Manager
Contact: 071-5644257

For Internship/Student Service Related Queries:
Mr. Mohsin Hassan Usmani
Assistant Manager
Contact: 071-5644260

SUMMER PROGRAM
AT SUKKUR IBA

Fields in Summer Program

1. Accounting	5. Marketing	9. Social Sciences
2. Management	6. Economics	10. Computer Science
3. Human Resource Management	7. Entrepreneurship	11. Mathematics and Statistics
4. Finance	8. English and Communication	12 Telecom Engineering

Courses in Summer Program

Accounting	Marketing
1. Principles of Accounting-I 2. Principles of Accounting-II 3. Financial Accounting-I 4. Financial Accounting & Information 5. Fundamentals of Managerial Accounting 6. Managerial Accounting 7. Managerial Accounting for Decision Making	1. Principles of Marketing 2. Export Marketing 3. Brand Management 4. Consumer Behavior 5. Sales Management 6. Advertising Management 7. Personal Selling 8. Service Marketing 9. SAP-Sales and Distribution 10. Agri Marketing 11. Entrepreneurship Marketing 12. Social Marketing

Management	
1. Principles of Management 2. Change Management 3. Organizational Behavior 4. Comparative Management 5. Managerial Policy 6. Production Management 7. Methods in Business Research 8. Strategic Management 9. Supply Chain Management 10. Corporate Strategy 11. SAP-Material Management 12. Entrepreneurship	**Human Resource Management** 1. Performance Management 2. Recruitment & Selection techniques 3. Industrial Relations & Labor Laws 4. Leadership & Team-work 5. Training & Development techniques 6. Human Resource Management 7. Compensation & Benefit Management 8. SAP-Human Resource Capital Management

Finance	Economics
1. Introduction to Business Finance 2. Financial Management 3. Corporate Finance 4. Security Analysis 5. Financial Institutions & Markets 6. SAP-Financial Information & Confirmation 7. Strategic Financial Management 8. Financial Reporting and Analysis 9. Advance Corporate Finance 10. Portfolio Management	1. Principles of Macroeconomics 2. Principles of Microeconomics 3. Development Economics 4. Managerial Economics 5. Econometrics 6. Engineering Economics & Management 7. Management & Organization of Pakistan Economy 8. Analysis of Pakistan Industries

Social Sciences and Others	English and Communication
1. Social Psychology 2. Human Behavior 3. Pakistan History 4. Pakistan Studies & Islamic Studies	1. English Grammar 2. English Composition 3. Business Communication 4. Speech Communication 5. Communication & Presentation Skills

Courses in Summer Program

English and Communication	Electrical Engineering
1. Business & Technical Writing Skills 2. English Phonetics 3. Functional English	1. Analog & Digital Communication 2. Computer Aided Engineering Drawing 3. Fundamentals of Telecommunication 4. Wireless & Mobile Communication 5. Business Telecommunication 6. Signals & Systems 7. Microwave and Radar Engineering 8. Optical Communication 9. Mobile & Pervasive Computing 10. E-Business Management 11. Basic Electronics 12. Circuit Analysis 13. Digital Logic Design 14. Electronic Devices & Circuits 15. Electromagnetic Theory 16. Micro-processor & Interfacing Techniques 17. Electronic Circuit Design 18. Amplifiers and Oscillators 19. Instrumentation and Measurement 20. Antena and Wave Propagation 21. Microwave and Redar Engineering 22. CAED 23. Workshop Practice 24. Digital Signal Processing 25. Linear Circuit Analysis 26. Network Circuit Analysis 27. Telecom Switching and Transmission
Computer Science	
1. Computer Architecture 2. Computer Communication and Networks 3. Network Security & Cryptography 4. Database Management Systems 5. Introduction to Programming 6. Object-Oriented Analysis and Design 7. Web Engineering 8. Management Information Systems 9. Computer Graphics and Animation 10. Analysis of Algorithm 11. Data Structure and Application 12. Object Oriented Programing 13. Software Engineering 14. Human Computer Interaction 15. Assembly Language 16. Algorithms and Data Structures 17. Introduction to ICT (Information and Communication Tech) 18. Communication Technologies 19. Computer Applications to Business	
Mathematics and Statistics	
1. College Algebra 2. Fundamentals of Mathematics 3. Business Maths and Statistics 4. Probability & Statistics 5. Numerical Analysis 6. Introduction to Statistics 7. Calculus-I 8. Calculus-II 9. Statistical Inferences 10. Discrete Structures 11. Differential Equations 12. Linear Algebra and Differential Equation 13. Linear Algebra	

Why join our Summer Program?

Our Summer Program has a number of advantages and there are several reasons why you should attend this. Below are a few of the areas where we believe our strengths lie.

• Alongside the courses we offer, we also provide expert advice to students on applying to Oxford and Cambridge for their undergraduate studies and what career paths would suit their intellectual abilities.

• Our program emphasizes the development of soft skills such as networking, team working and leadership.

• We train our students in special techniques for improving performance at interviews.

• We encourage active participation in class discussions so that every student gets to make an individual contribution.

• We train our students to develop their critical thinking skills and question established theories and concepts.

• We use latest teaching techniques that make learning a fun and interactive process and include a number of co-curricular activities.

FEE STRUCTURE

Fee Structure

Bachelor Degree Programs (BBA/BS/BE)

S.No	Particulars	Year 2017-18
1	Admission Fee	15,000
2	Tuition Fee	51,800
3	Development Fee	13,000
4	Exam Material Fee	5,700
5	Lab Cum Library Fee	5,700
6	SISC Contribution	1,000
7	Page/Spider Charges	800
8	Library Security (Refundable)	2,000
	Total fee per semester	95,000

Subsequent Semester Fee for Bachelor's Program will be Rs. 78000/-

Bachelor Degree Program (Energy Systems)

S.No	Particulars	Year 2016-17
1	Admission Fee	
2	Tuition Fee	18,800
3	Development Fee	13,000
4	Exam Material Fee	5,700
5	Lab Cum Library Fee	5,700
6	SISC Contribution	1,000
7	Page/Spider Charges	800
8	Library Security (Refundable)	2,000
	Total fee per semester	47,000

Subsequent Semester Fee for Bachelor's Program (Energy System) will be Rs. 45,000/-

Bachelor's Program (Mathematics)

S.No	Particulars	Year 2017-18
1	Admission Fee	
2	Tuition Fee	22,000
3	SISC Contribution	1,000
4	Library Security (Refundable)	2,000
	Total fee per semester	25,000

Subsequent Semester Fee for Bachelor's Program (Mathematics) will be Rs. 23,000/-

Fee Structure

B.Ed Program

S.No	Particulars	Year 2017-18
1	Admission Fee	---------
2	Tuition Fee	22,000
3	SISC Contribution	1,000
4	Library Security (Refundable)	2,000
	Total fee per semester	25,000

Subsequent Semester Fee for B.Ed Program will be Rs. 23,000/-

BBA (Agribusiness) Program

S.No	Particulars	Year 2017-18
1	Admission Fee	---------
2	Tuition Fee	12,000
3	SISC Contribution	-
4	Library Security (Refundable)	2,000
	Total fee per semester	14,000

Subsequent Semester Fee for BBA Agribusiness Program will be Rs. 12,000/-

Master's Program

S.No	Particulars	Year 2017-18
1	Admission Fee	15,000
2	Tuition Fee	56,800
3	Development Fee	13,000
4	Exam Material Fee	5,700
5	Lab Cum Library Fee	5,700
6	SISC Contribution	1,000
7	Page/Spider Charges	800
8	Library Security (Refundable)	2,000
	Total fee per semester	100,000

Subsequent Semester Fee for Master's Program will be Rs. 83,000/-

QUALITY ENHANCEMENT CELL (QEC)

Introduction of QEC

The foundation of Quality Enhancement Cell (QEC) at Sukkur IBA was laid on April 2010 upon the recommendation of Quality Assurance Agency—Higher Education Commission of Pakistan (QAA-HEC) Islamabad. The purpose behind its establishment is to enhance the academic standards of the institute by assisting in designing market-oriented curriculum, providing quality education on modern teaching lines, and creating research-based congenial environment which could support faculty in strengthening their skills.

The role of the QEC within Sukkur IBA is to monitor and enhance existing academic processes, procedures and practices implemented within academic and administrative departments while keeping in view the mandate given by HEC-Pakistan and in compliance with international quality assurance networks.

Quality Assurance in Higher Education institutions refers to a wide range of framework, which reflects different interests and needs from time to time. According to HEC's quality assurance guidelines, the head of the institute is leading the cell; whereas, the cell is headed by the Director assisted by Deputy Director and Data Analyst respectively for implementation of various strategies.

Functions of QEC

- Facilitating departments in preparation of Self-Assessment Reports (SARs)
- Evaluating faculty performance through "Online Teacher/Course Evaluation"
- Implementing "Assurance of Learning (AoL)" mechanism at the institute-level
- Organizing training sessions/workshops for faculty and support staff from time to time
- Assisting different departments in accreditation processes, both nationally and internationally e.g. AACSB, AMDISA (SAQS), EFMD (EQUIS) etc.
- Conducting students' satisfaction survey with institutional facilities
- Conducting Alumni and Employer Survey to assess overall academic standards.

Self-Assessment Process

Self-assessment is the essential part of QEC operations. The purpose behind undertaking self-assessment it to identify weaknesses in programs and take appropriate measures in order to make programs impeccable. QEC exercises this process in letter and spirit by selecting various programs for assessment. Usually, Program Teams prepare Self-Assessment Reports of their respective programs in one semester which are then passed through the assessment process by assessment teams in the following semester. So far, QEC has covered the entire range of programs offered in all the departments coming under the umbrella of Sukkur IBA. The detailed steps involved in self-assessment process are mentioned hereunder.

Methodology

Following steps are undertaken to complete the whole SAR cycle:

i. Program Team (PT) is nominated, registered and trained by QEC for a program.

ii. All the relevant material such as the parameters for the SAR is provided to them.

iii. PT prepares SAR of the proposed program.

iv. After submission of the final SAR, an Assessment Team (AT) is formed comprising two internal and one external domain experts.

v. AT conducts assessment of SAR, pays field visits and submitted its report to QEC.

vi. QEC prepares its findings and submits the same to the concerned HoD and Director Sukkur IBA for Implementation plan.

vii. QEC then monitors the progress of implementation plan.
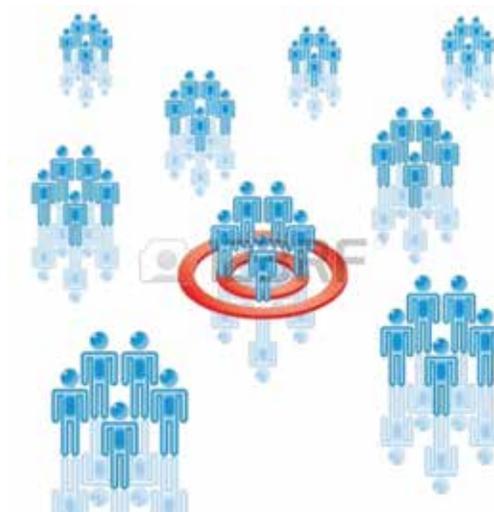
Parameters of SAR:

The SAR is prepared on the following parameters as prescribed by the HEC:
• Program Mission, Objectives and Outcomes
• Curriculum Design and Organization
• Laboratories and Computing Facilities
• Student Support and Advising
• Process Control
• Faculty
• Institutional Facilities
• Institutional Support

Online Teacher / Course Evaluation

Conducting teacher/course evaluation is an integral part of quality assurance mechanism. QEC is fortunate enough that it has found various automated systems like CMS, LMS, ERP already implemented at Sukkur IBA. With the help of these state-of-the-art systems taking online feedback from students is no more a dream. In fact, Sukkur IBA is among those very few HEIs who pioneered the online student feedback system back in 2010. Since then QEC has never looked back and has always brought recent innovations in the process.

QEC embarks upon online evaluation process through CMS twice a semester i.e. after completion of a fortnight and the final evaluation in the second last week before commencement of the final exams.

Online Evaluation
(After completion of fortnight)

The main purpose behind conducting this evaluation is to check whether all the students have received course outlines of their pertaining subject and course objectives and outcomes have been communicated to them by the concerned teacher. Besides, students are also encouraged to give feedback about the teacher and his/her teaching methodology.

Final Evaluation (In the second last week before the final exams)

QEC collects an in-depth feedback from students just at the time of completion of their courses to know if they are satisfied with the teacher, his/her teaching methodology and also about the significance of course studied. This activity has been considered of paramount importance as the compiled results have been communicated not only to the intended faculty members, but also to their concerned heads of the departments in addition to the institute management.

Based on these results, Letters of appreciation/advice have been issued to faculty members together with a certificate of recognition and shield to the distinguished faculty members.

Assurance of Learning (AoL)

Assurance of Learning (AoL) or Learning Outcomes Assessment (LOA) is the systematic collection, review, and use of information about educational programs undertaken for the purpose of improving student learning and development. The goal for these assessments is to achieve continuous improvement in student learning and achievement.

In modern age, a mission driven institute should specify learning goals and demonstrate achievement of learning goals for key general, and appropriate discipline specific knowledge for student. At the end of the day, a business school's primary objective should be to prepare its students for successful careers in business and to positively contribute to society. This is why providing relevant curricula and vibrant learning experiences are essential. There also is a need to have curricula management that focuses on continuous improvement in order to ensure that student learning experiences are relevant, current, and reflect the needs of business.

To achieve these objectives, QEC assists the concerned accreditation committee in deploying high quality teachers in the classrooms which benefits students directly. Also, QEC assesses students in order to ensure that students are learning.

A key part of the outcomes assessment process is demonstrating that the data, once collected, is evaluated and used to improve program curricula. This "closing the loop" process is critical to the design and implementation of a successful AoL program—a significant, worthwhile endeavor. There may be a variety of methods to evaluate the data. Once the data is evaluated, its follow-up is essential to continually improve the business school's curricula and programs to ensure mission fulfillment.

Center for Entrepreneurial Leadership and Incubation

Introduction

Sukkur IBA assigns utmost importance to entrepreneurship. Under the patronage of Management of Sukkur IBA, a unique and innovative journey of establishment of Center for Entrepreneurial Leadership and Incubation took place in year 2012. It was an ambitious plan to do something that has never been attempted in the region by any other institute. It helps to translate new ideas into new products, services and technologies. The Center advances the knowledge and practice of entrepreneurship and innovation. The center supports entrepreneurial learning and collaboration through its cutting-edge curriculum, innovative hands-on learning experiences, and leading faculty research, as well as conferences, mentorship, and community and global outreach programs. The center provides support to young entrepreneurs in the form of consultation, connecting them with national and international markets and by providing them business incubators.

Currently 10 new startups which have total worth of Rs. 10.122 million are functional at the Center. The incubated new-startups are employing 54 individuals with annual revenue above 12.237 million. The center is building a university driven entrepreneurial ecosystem in the region with the support of government, universities, community and international partners to further contribute new agro and tech entrepreneurs to the national economy.

Vision
To contribute in developing a robust, vibrant, tech and agro based economy in Pakistan by developing entrepreneurial ecosystem, culture and practices that will support entrepreneurs and innovative start-up businesses.

Mission
To offer University-driven platform and researched solutions those are relevant to national needs and adjustable to the national context through collaboration of efforts by HEC, university, state and corporate sector.

Services at CEL&Inc.

Services at CEL&Inc.

(a)   Enterprise Development

The CEL&Inc. senior management and team assist students, alumni and community to launch and grow their business ventures. The experienced team brings strategic planning for small enterprises and connects small business resources and contacts in the business community as links to information and advice.

(b)   Consultancy Network

The CEL&Inc. consultancy and business development network consist of individuals drawn from the ranks of professional business service providers, experienced business peoples and educators who are willing to provide advice and assistance to the entrepreneur and enterprises. The CEL&Inc. adds value by assembling a comprehensive array of skills and through experience, screening the participants in the network down to select the individuals and students who can most successfully tailor their services to the needs of small growing firms.

(c)   Entrepreneurial Synergy

The CEL&Inc. co-locates entrepreneur firms established by the students that provide the prospect of generating a symbiotic environment where entrepreneurs share resources and experiences, learn from one another, exchange business contacts, and establish collaborative business relationships.

(d)   Access to Funding Sources

Selected incubating company is guided for access to funding sources. In this regard, the CEL&Inc. identifies the financial needs of incubating company, identify the available sources and documentary requirements of the funding agency. Further, networking of incubated companies is created with financial institutions, donors, and angel financers for promotion of the idea and business.

(e)   Flexible Space

The CEL&Inc. provides flexible office space of around 10 thousand square feet including reception services, shared meeting room, high speed internet access, product display, and seminar hall and business conducive environment.

(f)   Shared Services

The CEL&Inc. offers shared services to the incubated firms so that their operating expense can be reduced. The shared services include photocopier, meeting room, receptionist, videoconferencing, and store room, access to computers and the like.

(g)   Entrepreneurship Development Program

The CEL&Inc offers different degree, diploma, certificates, workshops and seminars to the students, faculty and community to promote entrepreneur culture and develop entrepreneurial skills.

(h)   Entrepreneurship Development Projects

The CEL&Inc. undertakes different entrepreneurial projects to develop the entrepreneurship culture, youth entrepreneurship, woman entrepreneurship, skill development and community development with different national and international organizations.

Executive Development Center (EDC)

Introduction

To assist Business organizations by consultancy, Sukkur IBA established Executive Development Center (EDC), Department with the mission to augment Organizations' potency by evolving their workforce.

Executive Development Center (EDC) holds a comprehensive portfolio of conducting 60+ Trainings of more than 4000 executives including 5 extensive training and consultancy projects on its account in this very short span of 3 Years. In this fast pace and innovation-driven working era, it is indispensable for an organization to stay in the loop of transformation and growth and this is where Executive Development Center plays a pivotal role. EDC benefits organizations by working on their employees' abilities to further embellish them in order to achieve more on both individual and organizational levels. Our indigenous methodology of assessing organization's critical areas by scrutinizing their workforce & processes and then delivering the best possible solutions in

terms of training and consultancy in excellent learning ambiance. Besides providing comprehensive training and consultancy programs to enhance employees' managerial and technical skills, Sukkur IBA EDC also holds 3 Months Skill Development Short Courses Program for rapid learning in following areas:
- Advanced Management Skills
- Sales Management
- Supply Chain Management (SCM)
- Leadership Skills
- Emotional Intelligence
- IELTS Preparatory Classes
- Chinese Language Skills
- English Language Skills
- CCNA Preparatory Classes
- MS-Office
- Graphic Designing & Illustration
- Web Development
- Cyber Security
- Advanced Excel

Clients Portfolio

EDC-Signature Program

Sukkur IBA Executive Development Center has conducted numerous trainings on different topics since 2005. Some of these trainings were customized for our clients and some trainings were awarded as projects.

Sukkur IBA Executive Development Center has provided training services to its following clients:
1. United Nation Development Program (UNDP)
2. Reform Support Unit, Education & Literacy Department, Government of Sindh
3. World Bank
4. USAID Funded ASP-LUMS Trainings
5. Sindh Elementary Teachers Training Project (SETTP- CIDA)
6. International Relief Development Organization (IRD)
7. Sui Southern Gas Company Limited SSGC
8. Engro Foods Limited
9. Tariq Nazir & Company
10. Land O'Lakes
11. Higher Education Commission (HEC)
12. NADRA
13. State Bank of Pakistan
14. National Bank of Pakistan
15. Plan Pakistan International
16. Sindh Education Foundation
17. Sindh Rural Support Organization (SRSO)
18. LU Continental Biscuit Limited

CSS Preparatory Classes

Sukkur IBA started the program of CSS Preparatory Classes in 2013 in coordination with district administration of Sukkur. Program has brought wonderful results by upgrading educational standard. In this short period of 3 Years, Sukkur IBA has produced 4 candidates, who have cleared different competitive exams and appointed as Assistant Commissioners at different district management groups. Other than this lots of students appeared and appointed in other commissioned / competitive exams under federal government for different posts.

Each batch of this program is consisted of approximately 80 -100 candidates. Currently 4th batch is going on from August 2016. Sukkur IBA provides state-of-the-art facilities to these students which include, World Class Library facilities, Books of the compulsory subjects, Daily Dawn Newspaper, Jahangir World Time magazine and articles/notes provided by the faculty members. They are being prepared under the supervision of Top CSPs of Pakistan. During the 5 - 6 months teaching, the students are continuously evaluated through weekly quizzes, monthly exams, and a final CSS mock exam at the end of 6 months.

Meet few of our successful candidates:

Ms. Tooba A. Khan
Assistant Commissioner – IRS

Mr. Yaqoob Rajper
Assistant Commissioner – IRS (UT)

Mr. Masroor Ahmed Jatoi
Mukhtiarkar

Sukkur IBA Executive Development Center, being a 360° Training institute, also provides State-of-the-art on Campus residential facility to our respected Training Participants, Academicians and esteemed friends from Industry and corporate sector. Considering quality and comfortable accommodation as one of the prime factors for effective learning, we have devised this campus with highly personalized services and wide range of following facilities.

- 03 Executive Training Rooms with seating capacity of 40-50 participants.
- 01 mini Auditorium with capacity of 80-100 participants
- 64 Single Executive Single Rooms
- 16 Executive Suites
- State of the art Computer Lab for 35 participants
- In-House Executive Dining Facility for 150 participants
- 06 Discussion Rooms
- On-campus Executive Fitness Center
- Tuck Shop

Office of Research, Innovation, and Commercialization (ORIC)

ORIC overview

Realizing the importance of research in academic excellence and providing solutions to social problems, Sukkur Institute of Business Administration established the office of Research, Innovation, and Commercialization (ORIC) in September 2011. ORIC's mission is very much aligned with the institute's mission. Its mission is:

"To develop, expand, enhance, and manage the university's research programs and to link research activities directly to the educational, social, and economic priorities of the university and its broader community".

ORIC has mandate to promote research culture at Sukkur IBA in the institute. It provides support to research activities across all disciplines at the institute. It specifically helps researchers in identifying grant opportunities, writing grant winning proposals, maintaining the record of research activities, patent filing, linking academia with industry for commercialization and funding, assisting faculty in negotiating the grant projects with funding agencies and industry, and helping faculty and students in starting new businesses based on their innovations.

With the support of Sukkur IBA management several interventions have been introduced to achieve the objectives. Following are some of the important steps taken by ORIC.

Sukkur IBA Research Policy

ORIC Sukkur IBA has developed a comprehensive research policy; and it is being implemented since January 2013.

Consequent upon the implementation of research policy, the number of research publications and grants has increased. The research policy clearly articulates:

a. Teaching load policy of faculty members involved in reduced research

b. Reward policy for publications in Journal of well repute (ISI indexed, ISI impact factor, and HEC recognized)

c. Travel grants policy for researchers to present their research work in national and international conferences

d. Profit sharing policy from the commercial projects/research activities

Sukkur IBA Intellectual Property Policy

Considering the importance of innovation in this era of technology ORIC Sukkur IBA formulated Intellectual Property Rights Policy (IP Policy) for faculty and students to encourage them in designing and buildings new and innovative ideas, prototypes, and products. Intellectual Property Policy is designed to provide guidelines for ownership, distribution of revenues or royalties, and commercial development of technical innovations, inventions, teaching material and computer software developed by Sukkur IBA faculty, staff, students, and others who use Sukkur IBA as their platform. Policy articulates that ORIC will support and will take the charge of product patenting and commercialization process after the disclosure of the innovation/invention is made.

Sukkur IBA Research Grant Program

Sukkur IBA firmly believes that research has significance in developing economies like Pakistan. For the enhancement of research culture at the institute, ORIC has developed a Research Grant Program for faculty to initiate the research projects. Approved proposals are rewarded monetary support to execute the project. The purpose of Sukkur IBA Research Grant Program is to promote innovation by motivation and encouragement of our natural and social scientists to provide solutions to the problems faced by industry, community, and country at large.

Research Capacity Building Workshops

After assessing the research strength of our faculty, staff and students engaged in research, Sukkur IBA ORIC initiated Research Capacity Building Workshops Series from the year 2015 to build strong research capacity of our researchers. In this series of workshop, first workshop entitled the "Practical use of SPSS & Eviews Software in the Research Work" was organized on May 16, 2015 for Sukkur IBA MS/PhD students and faculty member to strengthen their research capacity in analysis of data.

Monthly Think Tank Meeting

ORIC provides a platform to faculty and researchers of Sukkur IBA in the form of Monthly Think Tank Meeting to discuss new research ideas and innovations. This platform provides opportunity to deliberate upon and initiate interdisciplinary research within the institute. The faculty members are monthly gathered to discuss innovative teaching pedagogies to make learning process more effective. In these meetings faculty members and researchers are rewarded with cash prizes and certificates for their outstanding achievements in teaching and research. Faculty members candidly provide suggestions for improvements in policies and processes of Sukkur IBA.

Sukkur IBA Research School

Office of Research, Innovation & Commercialization – ORIC is continuously striving to promote research culture at Sukkur IBA and has introduced several initiatives to achieve this objective. In order to further strengthen the research culture, ORIC has introduced new initiative named "Sukkur IBA Research School". The objectives of this initiative are:

[1].To provide a platform to researchers/scientists of Sukkur IBA to share their research work with peers and get the critical review of their work

[2].To help and guide young faculty members to initiate the research in collaboration with senior researchers

[3].To provide new research avenues/future research directions to young faculty members of Sukkur IBA

[4].To facilitate research students and non-PhD faculty members in choosing their research topics and supervisors Sukkur IBA Research School opens fortnightly on every Thursday from 3:30 PM to 5:30 PM for faculty and research students to present their imperical research ideas and work.

Sukkur IBA Journal of Management and Business (SIJMB)

From the platform of ORIC, Sukkur IBA initiated the semi-annual research journal Sukkur IBA Journal of Management and Business – SIJMB. Recently, Higher Education Commission of Pakistan – HEC has recognized Sukkur IBA Journal of Management and Business. SIJMB is peer-refereed and multidisciplinary journal. The mission statement of Sukkur IBA clearly demonstrates the importance of research. SIJMB is a unique effort of Sukkur IBA towards its commitment to create research based community. The journal provides valuable platform for national and international researchers and publishes their research findings and disseminates it to the largest stakeholders. The journal charges no any fees and also provides complimentary copy (in hard form) to each author. Copies of the journal are distributed to HEIs and R&D institutions of the country. The journal has been archived by world's renowned scientific repositories Google Scholar, RePEc IDEAS, Econlist, and Electronic Journal Library of Germen Institute of Global and Area Studies. Journal has received recognition from several research agencies, universities, and renowned professors. In coming years, the journal aims to improve its current state by attracting more national and international researchers in the field of Business, Management, and Economics. The mission of SIJMB is to contribute and promote research in the field of business and management sciences.

CAMPUS LIFE

On the campus Accommodation for Students, Faculty and Staff

Sukkur IBA offer on the campus accommodation facility to the male and female students, faculty and staff of the institute. The hostel rooms provided are well equipped with all facilities important for a comfortable living. These facilities include uninterrupted power supply, high speed internet connectivity, comfortable room furniture including bed, dressing table, study table, wardrobes and chairs. Hostel residents are also provided with automatic shared washing machine facility as well. Every hostel has also a separate facility of food / mess furnished with furniture, freezer and other appliances. Most of these rooms are shared and single occupant. The faculty & staff hostels are also having facility of air-conditioning. All these hostels have indoor games facilities as well.

Co-Curricular Activities

Along with academic activities students actively participate in co-curricular activities which not only help them implement their academic education but also help them polish their leadership skills, communication skills and decision-making skills.

Green Campus

Whole campus of Sukkur IBA is beautifully decorated with green beds of flowers and trees. More than 10,000 trees are planted within campus premises. Every year a plantation drive takes place to multiply this figure. This gives a look of natural beauty to the campus and a refreshing feeling to the people walking around campus. It also makes people to breathe in natural open air and live a natural life throughout their period of their stay on the campus.
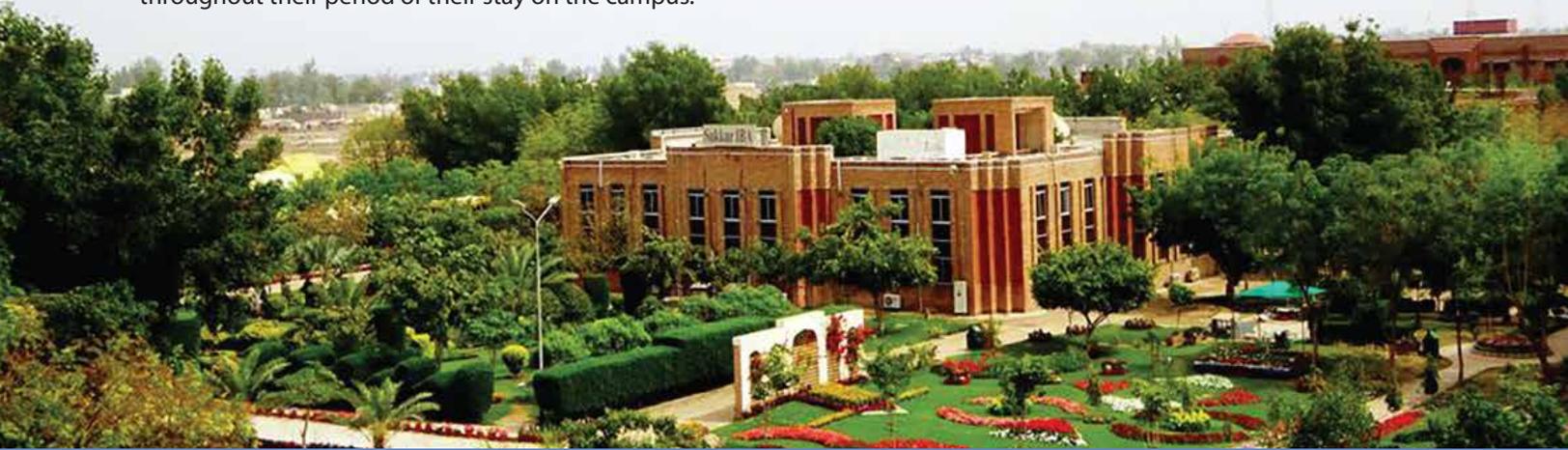
Awareness on Preservation of Nature and Environment

In order to create socially responsible citizens, Sukkur IBA with support of WWF Pakistan keep conducting awareness sessions to educate students about preservation of environment. The aim of these programs is to create awareness among the Sukkur IBA Community members about the core environmental issue and to inform students about the measures that could be taken to reduce wastage of resources and increase the sustainability of the Nature. It also helps in generating social responsibility among students for a friendly and green environment and ultimately making them good citizens.

Café and Tuck Shop

The Institute has a fully functional modern Cafeteria and a Tuck shop to cater the needs of the students, faculty and staff during class time and in the evening for campus residents. It provides refreshments, soft drinks, snacks and meals. Tuck shop provides all the necessary confectionery and daily use items demanded by the students and faculty. It has a pleasant environment where students can relax, have their meals/snacks, hold discussions and chit-chat.

Sports and Extra-Curricular Activities at Campus

Students involved in extra-curricular activities are more likely to become leaders, more willing to complete tasks and more willing to voice their opinions. Extracurricular activities are also a good way to explore social, political, and career interests. Extracurricular activities help students gain experience in a variety of areas that will enhance their skills. Through participation in sports, students learn cooperation, teamwork and time management. In order to promote extracurricular activities among students, Sukkur IBA has a cricket ground, football ground, badminton and basketball courts and a fully functional gym.

Sports Activities

Sports activities are important for brains and brawn. It also gives a break to work life and refresh and energize the person for new challenges. Institute offers many sports facilities to on-the-campus residents and day scholars. Sukkur IBA maintains cricket ground, football ground, badminton courts and fitness gym. It hosts a number of sports events among students, faculty, staff and intra-departmental. Students society i.e. Sports and Adventure Society, plays an active role in organizing these events including Sukkur IBA Super League, LIGA SIBA etc. These games are in shape of cricket tournament, football tournament and Badminton tournament.

Cultural Event

To promote culture and enrich student memories the cultural and music activities take place frequently. Student bodies organize the music concert, cultural exhibitions, folk music events and other activities inside the campus. It helps students gain experience of organizing events and entertaining people around campus.

Family Fun Festival

A Family Fun Festival within premises of the institute was organized with the theme of "Help Us Change Lives". The basic purpose behind organizing such an event was to generate funds for the needy and meritorious students of the institute and create awareness about fund-raising among the communities. In the festival, stalls were sponsored by the regional as well as multinational companies to display their brands for sale. Number of the students from different disciplines like business, computer and I.T., Entrepreneurship and agri-business also rented stalls to display various business ideas and sold their products. All the revenues generated were donated to this noble cause. In this grand event more than 1000 families from the Sukkur region visited and enjoyed the event. Stalls of food items, gifts, face painting, garments, cultural wearing, furniture and children play areas were displayed.

Health Week and Blood Donation Camp

To impart civic sense among students of the institute and create awareness about importance of social work, health week and blood donation camps are regularly organized on the campus. It helps students to be engaged in activities outside their normal academic cycle and remain aware of social issues like health. Famous doctors and medical experts visit campus and create awareness about burning health issues like stress management, healthy diet etc. Blood donation is also important activity which help young people to donate their blood and think beyond themselves. Student also generate funds to support needy patients of various diseases like Thalassemia. These activities are regular feature and important part of students' extra-curricular activities.

TED X Sukkur IBA

In order to create deep conversation and engage Sukkur IBA community on intellectual dialogue, independent Ted Talks have been initiated. This initiative is taken by students and faculty from the platform of 'Public Speaking and Literary Society'. The first event of Ted Talk was carried out in August, 2016 with theme of "Being Different". This event is organized annually with new theme each year. This event invites people relevant to theme having some life achievement in their field. Such people include social activists, literary figures, national and internationally recognized individuals and emerging young talents of Pakistan.

Alumni Reunion and Musical Night

An alumni Reunion was organized by the Alumni Affairs Office Sukkur IBA to gather all alumni on one platform. The reunion was organized for students to recall their memories affiliated with the institution. A musical night was also arranged for the alumni where renowned vocalist Jawad Ahmed spread cheers with his melodious voice.

Dice Vice to Identify Entrepreneurs

To foster the culture of innovation and entrepreneurship among student and faculty, Sukkur IBA collaborates with different entities to promote entrepreneurship within the institute. Sukkur IBA collaborates with Dice Foundation, U.S. to launch Dice Vice, an annual business plan competition, in Sukkur IBA. This initiative is led by "Centre for Entrepreneurial Leadership and Incubation" (CELInc.). Through this initiative various students teams are called to participate through submission of business plan. Participating teams display their projects/prototype to demonstrate the business model and feasibility of plan. Professionals from industry visits and judge the student business plans and declare the top winners of the competition.

Health Care Facilities

Sukkur IBA has established a free medical care clinic separately for Girls and Boys students and staff of Sukkur IBA. The 02 General Physicians, one for girls and one for boys, are appointed in both clinics for all the community of Sukkur IBA with first aid, medical facility and free medical advisory service. The data of patients is being kept on the computerized record and personal files with patients' medical history for quick diagnosis and recommendations to all the students, faculty and staff members of Sukkur IBA.

TALENT HUNT PROGRAM/
FOUNDATION SEMESTER

Introduction

Given the fact that students are not ready to enter higher education after completing 12th grade education, Sukkur IBA introduced Talent Hunt Program (THP) in the year 2007. Understanding the student needs, Sukkur IBA admits students in THP for six-month foundation semester to cover basic courses like English, Mathematics and ICT. These courses are rigorously taught to the students to prepare them for higher education. Over the years, THP has proven it success in shape of reduced dropout rate at Sukkur IBA and improved student's academic level.

In the year 2015-16, Sukkur IBA with the support of Oil & Gas Development Company Limited (OGDCL) spread the program at national level thus attracting underprivileged students from all the districts of Pakistan. Sukkur IBA conducted outreach for the National Talent Hunt Program which was unprecedented. Sukkur IBA teams reached to the districts where no other university in past had access. More than 100 outreach seminars were conducted resulting in direct communication with more than 93000 students and parents' country wide.

In response of such an aggressive outreach, Sukkur IBA received more than 6000 applications for the admission in National Talent Hunt Program. The institute conducted the entrance exam at 14 centers throughout the country and admitted 300 students (75 from each province) to prepare them for higher education.

Salient Features of the Program

- THP is a community service by Sukkur IBA with the support of Community Development Program of Sindh Government
- No tuition fees charged from enrolled student
- Books, Bags and other study material is provided free of cost
- Accommodation facility is also provided to students enrolled to this program
- Free transport facility for admitted students (pick and drop)
- A stipend of Rs 3000/- per month is given to each student for personal expenses
- Laptops and cash prizes are awarded to talented students, who perform well in academic as well as extracurricular activities such as Mathematic Olympiad and Book Review competition.
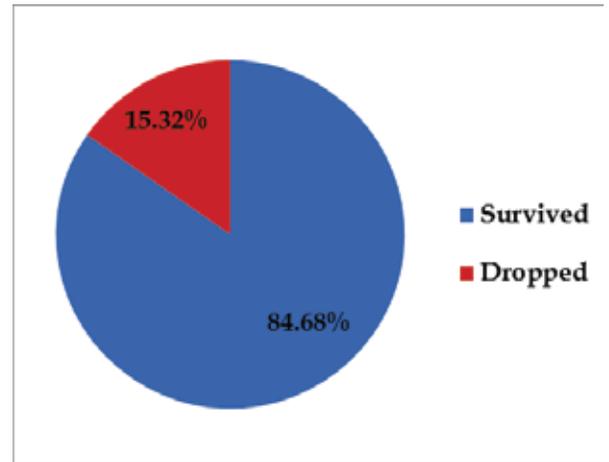
Talent Hunt Program (Statistics)
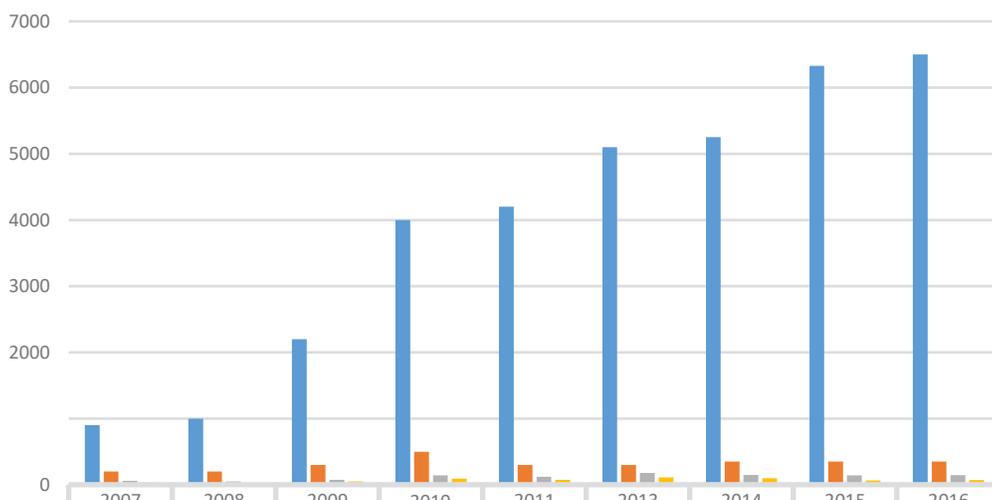
	2007	2008	2009	2010	2011	2013	2014	2015	2016
No. of Applicants for THP Program	900	1000	2200	4000	4200	5100	5250	6330	6500
No. of Students Selected in THP Program	200	200	300	500	300	300	350	350	350
No. of Students qualified for Regular Program	59	50	75	143	120	178	150	142	146
No. of Students Qualfied for Regular Program with Fully Funded Scholarship	31	26	51	93	76	113	98	67	73

Impact of THP Program
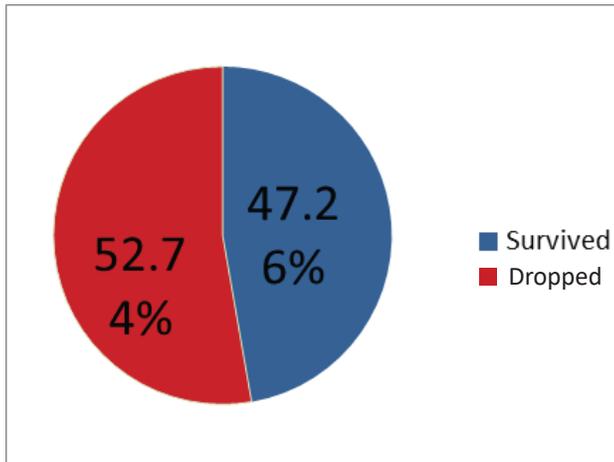
Direct Intake Students-Survived v/s Dropped Ratio

Students' Intake through THP- Survived v/s Dropped Ratio

Program Mission

Sukkur IBA Talent Hunt Program serves community by reducing rural-urban divide by developing capacities, competencies of under-privileged students in the country to gain access to and success in quality higher educaiton.

Goal of the Program

Sukkur IBA National Talent Hunt Program contributes to developing students strong foundation and skills in the subjects of Mathematics, ICT and English to qualify for the admission and make students compatible to the required academic standard of reputable higher education institutions

Program Learning Outcomes(PLOs)are designed to:

1.Enable students to develop your strong foundation in the subjects of Mathematics, ICT and English
2.Enable students to apply the strategies that can help you (a) use computer (b) apply receptive and productive skills effectively in target language (c) develop problem solving skills
3.Enable students to work in a team and appreciate diversity

PLO-1: Developing strong foundation in the subjects of Mathematics, ICT and English. students should be able to:

1.1.Develop understanding of computer, Smart Devices, Operating System, Computer Networks, Social Media, Internet and internet Security.
1.2.Get acquainted with elementary operations, sets, simultaneous equations, indices, surds and exponents, Quadratic Expression, polynomials, Matrices, Coordinate Geometry, Functions, Trigonometry
1.3.Develop understanding of sentence structures, types of paragraphs, parts of speech, tenses, active/passive and techniques on reading, writing, speaking, listening, book review and Math Olympiad.

PLO-2: Applying the strategies for the development of skills in the subjects of Mathematics, ICT and English students should be able to:

2.1 Write sentences through different structures, combine sentences and develop organized paragraphs (Genre)
2.2 Comprehend different types of text
2.3 Communicate in target language confidently and accurately, and develop academic and social contexts.

2.4 Write a paragraph on the basis of genre
2.5 Use phrases, new words, tenses, passive and parts of speech appropriately in written drafts and in oral communication
2.6 Operate on fraction, Least Common Multiple (LCM), Highest common factor (HCF)
2.7 Solve systems of linear and non-linear equation
2.8 Interpret the solution
2.9 Solve logarithmic and exponential equations
2.10 Write a set by different approaches
2.11 Identify Functions
2.12 Solve trigonometric equations
2.13 Collect information through matrices
2.14 Identify relevant issues, rigorously analyze those issues, generate viable solutions to them and implement the solutions.
2.15 Reflect on previous and current learning practices
2.16 Use office applications
2.17 Navigate the operating system and start applications.
2.18 Perform basic functions of file management.

PLO-3: Team work and Leadership skills students should be able to
3.1 Perform respective responsibilities with team spirit with other members in the group
3.2 lead and manage teams effectively in book reviews, Math Olympia and in other activities.

Interactive
Teachers will engage you in individual, pairs and groups works. If you are a struggling student, you may find it helpful to interact with peers who can provide explanations, clarify a process, and ask and answer questions. This give and take will involve listening, speaking, writing, creating visual representations and using virtual and physical manipulative.Through this, your individual and diverse needs will be satisfied in both academic, social and leadership skills in and out of the classrooms.

Grading Policy of Students
To rate academic performance and GPA in foundation semester, following grades are applied.

Grades	GP	Percentage
A	4.00	93 and above
A-	3.67	$87 - 92$
B+	3.33	82 - 86
B	3.00	$77 - 81$
B-	2.67	$72 - 76$
C+	2.33	$68 - 71$
C	2.00	$64 - 67$
C-	1.67	$60 - 63$
F	0.00	$0 - 59$

Students performance is evaluated through a system of continuous testing spread over the entire period of studies by graded and non-graded assignments and tasks. For grade, in addition to the final examination given at the end of semester, Midterm examinations are administered after 5/6 weeks. For non-graded, students will be engaged to review book and present in the form of written and presentation. Students can also be engaged in some other tasks assigned by teachers. To rate your academic performance and GPA is computed at the end of Semester.

Distribution of marks in a course is as under:

Category	Marks
Assignment	05
Quizzes	05
Class Participation	05
Term Report	05
Mid Term Exam I	20
Mid Term Exam II	20
Final Examinations	40

Book Review and Mathematic Olympiad

Purpose of Book Review and Math Olympiad competitions is to engage students in reading comprehension, writing, oral presentations, the Analytical, conceptual and computational skills which not only will build students confidence in receptive and productive skills, but will help them develop problem solving skills.

Book Review Competition

Book Review Competition is one of major assignments of NTHP. This competition comprises two rounds(1) Intra Class competition (2) Inter Class Competition.

(1) Intra Class Competition
• You will be a member of a Group (consisting of four members) to read a "Novelette" of your own choice
• Your group will write a review and give presentation on above mentioned Novelette
• Among all groups of your class, the winner will qualify for inter Class Competition

(2) Inter Class Competition
• All winners from intra class completion will compete each other in this phase.
• The feedback you got on your written review and presentation in previous completion will helps your group to prepare for better
• Your group will submit written review on deadline.
• Your written reviews will be assessed by a teacher of English subject
• Your group will deliver presentation on the same book to distinguished guests and different audience
• On the basis of written review and presentation, winners will be decided by the jury.
• The groups who that take positions 1,2,3 will be awarded laptops.

Mathematics Olympiad

Phase 1:
• Students will attempt an objective type test based on the contents that they must have covered till the implementation of test day.
• Out of objective type test completion, 3 top scorers from each class will form a group.
• In this way, we are going to have around 8 groups
• These 8 groups are going to proceed with the second phase of the competition.

Phase 2.
•In this phase, winner 8 groups are divided into two Super-groups. For example, super group "A" will have teams {A, B, C, D} and super group B will have teams {E,,G,H,I }.

Quarter Finals
• Quarter-finals will be held between the pair of groups from the opposite Super-groups (i.e. say A vs E, B vs D, C vs G and D vs H).

Semi Finals and Finals
• The semi-finals and finals are going to take place between winners. Each of the quarter-final, semi-final and final will consist of the three short rounds.
• Round 1. 5 second round: In this round, 10 questions will be presented to a pair of groups, one after another. For each question, 5 seconds will be given to both teams to choose the answer to the question. Now, one or both of teams can answer correctly or incorrectly. After 5 seconds the solution will be presented and score will be recorded.
• Round 2. 60 second round: In this round, from each group separately, the questions will be presented one after the other, for 60 seconds. The group is going to attempt the questions as many as possible. The group can also skip the question if the group thinks that the answer is going to take too much time. At the end, score can be recorded and the winner of round is going to be the group that answers the most questions correctly. Moreover, negative marking can be introduced for an incorrect answer. It is optional.
• Round 3. Buzzer round: In this round, the two groups will be presented with (say) 5 questions, one after another. Once the question has been posed, the team who pressed buzzer first is going to get the opportunity to answer the question and hence can get the reward.

Attendance Policy

You are required to attend session/classes, and laboratory sessions, as may be specified for each course regularly in each semester. In case you accumulate more than eight absences in any course you are awarded an 'F' in the particular course. The provision of absences is for emergencies such as late comings or sickness during a semester. These cannot be used for any other purpose than emergency. You are also asked to inform before availing of any leave.

Minimum GPA Requirements and Passing Criteria for Foundation Semester:
You must maintain a minimum GPA of 2.2 on a cumulative basis in your semester by passing all courses/subject to qualify for the admission in degree program.

Organizing your time
You will be required to devote 11 hours a week to each subject in a semester: for example, approximately 10 hours working with the interactive sessions in a classroom, 1 hour working independently or in a group at hostel. There is outline for each week's topics in a course outline which will provide you with guidance on what you need to study in advance if you want to prepare yourself for upcoming sessions.

Contact with tutors
When you start your course at Sukkur-IBA you will receive a

student e-mail system which you set up during the registration and orientation period. All mails you send to your tutor through the system will also go to their personal Sukkur-IBA e-mail. Mails sent by your tutor to you will also come to your personal Sukkur IBA e-mail. It is, therefore, crucial that you check your Sukkur IBA e-mail on a regular basis (at least twice a week). Aside from e-mail contact in which you may receive feedback on tasks and activities, you will have the opportunity to discuss work with your tutors at weekly 'office hour' meetings that your tutor will communicate you.

Course Materials
Coordinator of the program will provide you books, dictionary, stationary and a bag. These Resources are free of cost. You can use them for academic purpose and take them away with you after you complete your course. Novelettes, you will get from library, however are for academic purpose. You will get these Novelettes from library for certain period. You will have to return these Novelettes to library: Students with special needs
We will endeavor to provide specialist support for you if you have learning differences or a disability. For that, you need to show a medical certificate.

Quality Assurance
Academic Coordinator and Coordinator of National Talent Hunt Program will oversee all Quality Assurance to do with the program. If an issue arises during the course, you will have the right to file an official complaint. This will be to the Academic Coordinator or Coordinator NTHP Program in the first instance. A three-person committee at the Sukkur-IBA will investigate the complaint. This committee will include Director, Quality Enhancement Cell.

Learning Resources
Computers
You will be engaged in ICT labs for the development computer skills. You need not use any edible in these labs. Any issues you feel while using computers, you can contact technician or teacher in the class. While you are in lab for learning purpose, you are not allowed to use Facebook or any such social websites. You are also not allowed to use internet for any other purpose than academic one.

The Library
Information about the library can be found through http://library.iba-suk.edu.pk, which will tell you about how to use the library and how to access resources. Timing of library hours regularly starts from 9 a.m to 8 pm. On Sunday, it starts from 10 to 4 pm.
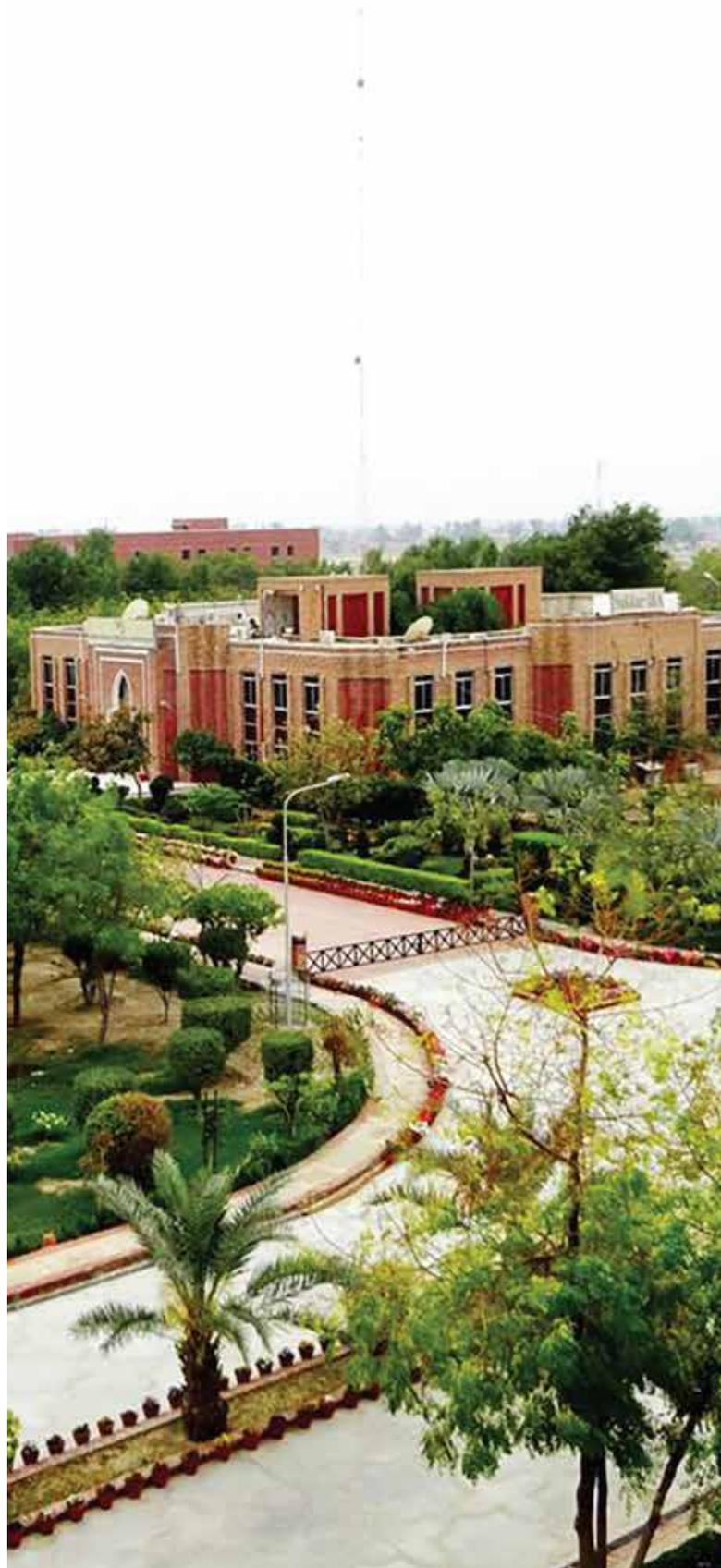
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