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# Director's Message

Sukkur IBA is one of the youngest educational institutes in Pakistan which is striving very hard to impart quality education with a unique philosophy based on three core values of merit, quality and excellence. Within a short period of ten years, Sukkur IBA has turned into a center of excellence in Business Administration, Computer Science, Electrical Engineering, Education and Mathematics. The Institute's efforts are focused to its mission to serve communities with the goal to bridge rural-urban gap. The institute is putting in its efforts to raise the standard of education by imparting of the education international standards at its state-of-the-art campus. We are focused to produce leaders and competent graduates by exploiting the untapped talent of rural areas. Sukkur IBA, with its initiatives, like establishment of Entrepreneurship and Incubation Center, Community Colleges in underprivileged districts of Sindh and Executive Development Center (EDC) has proved itself to be an innovative institute helping country uplift its economic and educational standards. We are also in process to establish FabLab (Fabrication Lab), Mathematic Resources Center (MRC) and Early Childhood Education Center (ECE). All these initiatives along with National Talent Hunt Program (NTHP), for the students from poor academic and financial background show our commitment to serve community.

On Behalf of Sukkur IBA, I welcome the readers of this report which showcases the innovative achievements of Sukkur IBA during the year 2015-16.

**Prof. Nisar Ahmed Siddiqui**
Sitara-e-Imtiaz
Dean and Director
Sukkur IBA

# Executive Summary

Sukkur IBA an innovative institute of Pakistan- started its journey from as an independent degree awarding institute from year 2006. Within a decade, the institute grew by leaps and bounds as a center of excellence in the disciplines of Management, Technology, Engineering and Mathematics. The Higher Education Commission (HEC), Government of Pakistan has ranked Sukkur IBA among top business schools of Pakistan. The institute is also striving hard to raise its education standard through international accreditations and linkages. Sukkur IBA has taken several innovative initiatives including establishment of Bloomberg Financial Trading Lab, Establishment of FabLab in collaboration with MIT, USA and converting institute to sustainable energy option through a phenomenal solar project. Sukkur IBA's Finance and Human Resource Management processes are also fully automated through implementation of Enterprise Resource Planning (ERP).

Community Services are at the heart of the institute's mission with focus on uplifting the standard of education in rural Pakistan. To bridge the rural-urban gap, institute has pioneered two important interventions, one short term and other long term. Talent Hunt Program is a short term intervention. Given the miserable condition of our education system, most of our students are not ready to enter higher education after completing their 12th grade education. Sukkur IBA introduced Talent Hunt Program (THP) in the year 2007, in which students are trained to eliminate their academic deficiencies in the areas of English, Mathematics and ICT. Establishment of Community Colleges is a long-term intervention. These colleges aim at producing middle level skilled and semi-skilled professionals who can join industry and ultimately contribute to the economic development of Pakistan. Currently, Sukkur IBA is operating six community colleges in the districts of Khairpur, Dadu, Jacobabad, Naushahro Feroze, Sukkur and Ghotki.



To ensure quality intervention in the academic and administrative aspects, Sukkur IBA put great emphasis on quality assurance and faculty development. Institute established Quality Enhancement Cell (QEC) which works closely with the Office of International Accreditations. These offices are responsible for enhancing academic quality and achieving Sukkur IBA's long term goal of acquiring international accreditations, including AACSB, EFMD, AMBA and ABET. To improve teaching quality, Sukkur IBA strongly believes in capacity building of its faculty and staff. For the long term benefits, institute has heavily invested in faculty development through sponsoring their Masters and PhD degrees abroad. More than 90 faculty/staff members have already benefited from this program.

As a solution provider to the industry, the institute maintains strong academia-industry linkages. Launching BBA Agribusiness Program in collaboration with University of Agriculture Faisalabad (UAF) is one such initiative. Under this program, a joint batch of fifty (50 each) students is selected by both institutions who spend two years each at both universities. Sukkur IBA is also offering a four-year degree program in BS Accounting & Finance. The degree holders of this program use this degree as a terminal degree and join the workforce. Alternatively, they might choose to go for professional Charter Accountancy (CA) degree where they are offered a waiver in modules. Institute is also engaged rigorously with industries for the job placements, internship, MBA Projects, campus drive, job fair and fund-raising.

# Academic Activities

# Business Administration

# Department of Computer Science

# Department of Mathematics and Social Sciences

# Department of Education

# Department of Electrical Engineering

# Business Administration

## Mission

Department of Business Administration strives to serve community by imparting research-oriented knowledge. We aim to develop and sustain a meritorious culture of continuous improvement that encourages leadership, entrepreneurial capacity, and ethical consciousness in our graduates to flourish and contribute meaningfully to society".

The programs offered in Business Administration department for Bachelor and Master Degrees include:

1.  **Bachelors Program:**
    - BBA (Hons) ............................................................... (4 Years)
    - BBA - Agribusiness .................................................... (4 Years)
    - BS - Accounting & Finance ................................... (4 Years)

2.  **Masters Program:**
    - MBA ....... ................................................................... (2 Years)

Business Department also offers MS and PhD Programs in Management Sciences.

# MS in Management Sciences

In this program, Sukkur IBA offers specializations in Human Resource Management, Marketing, and Finance. The program spreads over four semester i-e. Minimum of two years' time period and maximum duration is 4 Years for completion of degree. The prime objective of this program is to prosper, flourish and extend the required knowledge and traditions of Management Science through extensive research and dedicated education in order to benefit society and the country.

# Ph.D. in Management Sciences

Our Ph.D. program mainly focuses on four diversified fields of business management in the areas of HRM, Finance, Entrepreneurship and Marketing. In this program, student has to take four elective courses and two seminars in their area of specialization. The students will choose the electives on the recommendations of the supervisor that will be offered to student on the very first day of admission.

# Honors and Awards

Our Students are the pride of Sukkur IBA. They have secured many prizes and have participated and represented Sukkur IBA both nationally and internationally, as well. Few of their milestones and achievements are listed below:

## 1. LUMS Synergies 15

Students of Sukkur IBA secured First Position in ENSPIRE (Supply Chain Simulation) and GAUNTLET (Marketing Simulation) at "LUMS Synergies 15" held at Lahore University of Management Sciences (LUMS).

## 2. Virtual investment Competition 2015

Students of Sukkur IBA participated in "Virtual investment competition" organized by Lahore stock exchange and South Asian federation of exchange, in which students from different universities were given Rs.

1000,000 (as virtual money) for a period of one month for trading on real time rates, and students with maximum profits were given prizes.

Out of Top 10 Positions, Sukkur IBA's students secured five positions. Sarfaraz Ahmed Ghumro, Student of MBA secured First Position in the event along with Ali Raza, Mustafa Ali, Fahad Salik and Rinkil securing 4th, 6th, 7th and 10th positions respectively.

## 3. Sukkur IBA wins Innovation Awards 2015

Team from Sukkur IBA School of Visuals and Practical secured 1st position in Pakistan. Our students won National Medal of Innovation in Innovation Awards 2015 organized by Pakistan Innovation Foundation at Serena Hotel Islamabad on 09 December 2015.

## 4. Sukkur IBA team wins Dice 2015 Business Plan Competition

Cultural Mash, a team from Sukkur IBA, participated in Dice 2015 Business Plan Competition at University of Agriculture Faisalabad and out of 50 universities it secured Second Position.

## 5. Sukkur IBA wins Procom.Net 2015

Sukkur IBA students of business administration participated in Procom.Net competition 2015, held at NU-FAST Karachi on 29th & 30th April, 2015.

Our team (Basit Shah, Soman Awan and Fahad Khokar) secured 1st position in the marketing challenge competition.

## 6. Intra-University Cricket Tournament 2016

Sports and Adventure Society of Sukkur IBA organized Intra-University Cricket tournament 2016 at Sukkur IBA with a total of 10 teams in the tournament. After tough competition BBA Leaders won the tournament by defeating BBA Zalmis.

## 7. Students Won KSBL -SiMERGE-2016 Competition

Sukkur IBA Team- Ice Breakers WON SiMERGE-2016 (Simulation and Case Study) Competition organized by

Karachi School of Business and Leadership (KSBL) from March 04 to 06, 2016.

Out of 18 Teams from the best universities of Pakistan, our team {Ice Breakers- Shankar Lal (Team Lead, BBA-VIII), Maqsood Arain (MBA-II CS), Arif Aziz (BBA-VIII), Kiran Tariq (BBA-VIII) and Mohsin Khan (MBA)} won the competition.

## 8. Student Won LUMS Marketing Colloquium 2016

Sukkur IBA student participated the LUMS Annual Marketing Colloquium this year to compete various teams from all over Pakistan. Sukkur IBA team named "Brand War and Brand Plan" clean swept the competition.

Two teams of Sukkur IBA participated the Pakistan's biggest Marketing competition, Marketing Colloquium 2016 and both of them won1st position. Team members of Marketing Maestros as Brand Plan Winners: Salman Shaheen, Kanwal Mahar, Mohammad Ali and Mohammad Anees. Team members of Marketing Squads as Brand War Winners: Sher Mohammad, Saddam Husssain, Yumna and Nimra.

## 9. Sukkur IBA Student Excel at Global Business Institute USA-2016

Sukkur IBA senior student Ms. Sahiba Innayat (BBA VIII) won the Global Business Institute (GBI) student exchange program competition with her team.

She is one of the 14 participants from Pakistan and among 100 coke scholars at Indiana University USA. Her team's business feasibility ideas have made it to the list of finalist in the competition. They were one of the top 5 teams out of 25 teams from 7 different countries.

## 10. Students Won Mobilink Discover- Business Plan Competition-2016

Sukkur IBA won Mobilink Discover-Business Plan Competition held at NUST Islamabd. Over 180 teams from all over Pakistan participated in the competition and Sukkur IBA team "Indus Collection" won the competition and clinched winning prize of Rs. 500,000.

# Accreditation of Programs

1. Advanced Accreditation Collegiate Schools of Business (AACSB) is an international accreditation ensuring the highest standards of education in business schools world-wide. Institutions that earn this accreditation, must conform to their commitment to quality and continuous improvement through a rigorous and comprehensive peer review. Sukkur IBA is currently a member of AACSB.

2. National Business Education Accreditation Council (NBEAC) is a body to assure quality in Business Administration/Public Administration/Management Sciences degree programs according to the proposed accreditation in educational institutions. It requires a program to meet certain defined standards or criteria.

Our business program is accredited by this prestigious council with "W" category, the highest category offered by NBEAC.

3. Association of Management Development Institutions in South Asia (AMDISA) was established in 1988, with the initiative of leading management development institutions in the South Asian Association for Regional Cooperation (SAARC) region. AMDISA is an international not-for-profit association, and is a "SAARC Recognized Body". It has 206 Members, of which 187 are Institutional Members from the SAARC region, 4 Affiliate Members, 1 Corporate Member and 14 Reciprocal Members. Membership is available to management development networks all over the world.

# Research Progress

## Impact Factor Publications: (HEC "W" Category)

| Sr. No. | Authors | Title of Paper | Journal Name | Issue, Vol. Page # of Journal | Impact Factor | HEC Categor |
|---|---|---|---|---|---|---|
| 1 | Khalid Ahmed | Energy consumption in China and underlying factors in a changing landscape: Empirical evidence since the reform period | Renewable & Sustainable Energy Reviews | 2016 Jan 16; 58: 224-234 | 7.896 | W |
| 2 | Khalid Ahmed | Revisiting the emissions-energy-trade nexus: evidence from the newly industrializing countries | Environmental Science and Pollution Research | 2016 Jan 16 | 2.828 | W |
| 3 | Khalid Ahmed | Considering the effect of biomass energy consumption on economic growth: Fresh evidence from BRICS region | Renewable and Sustainable Energy Reviews | 2016 Mar 16; 60 | 7.445 | W |
| 4 | Khalid Ahmed | The sheer scale of China's urban renewal and CO2 emissions: multiple structural breaks, long-run relationship, and short-run dynamics | Environmental Science and Pollution Research | 2016 Aug 16; 23(16): 16115-16126 | 2.76 | W |
| 5 | Khalid Ahmed | Dynamics between economic growth, labor, capital and natural resource abundance in Iran: An application of the combined co-integration approach | Resources Policy | 2016 Sep 16; 49: 213-221 | 2.736 | W |
| 6 | Khalid Ahmed | Modelling trade and climate change policy: a strategic framework for global environmental negotiators | Journal of Water and Climate Change | 2016 Dec 16; 7(4): 731-748 | 0.786 | W |
| 7 | Khalid Ahmed | How urbanization affects CO2 emissions in Malaysia? The application of STIRPAT model | Renewable & Sustainable Energy Reviews | 2016 May 16; 57: 83-93 | 7.896 | W |
| 8 | Khalid Ahmed | Modelling trade and climate change policy: a strategic framework for global environmental negotiators | Journal of Water and Climate Change | 2016 Dec 16; 7(4): 731-748 | 0.786 | W |
| 9 | Khalid Ahmed | The emission abatement policy paradox in Australia: evidence from energy-emission nexus | Environmental Science and Pollution Research | 2016 Sep 16; 23(17) | 2.76 | W |
| 10 | Khalid Ahmed | Trade openness–carbon emissions | Energy Economics | 2016 | 2.862 | W |

## International Journal Publications:

| Sr. No. | Authors | Title of Paper | Journal Name | Issue, Vol. Page # of Journal |
|---|---|---|---|---|
| 1 | Niaz Hussain Ghumro Pervaiz Ahmed Memon | Causality between Tax Revenue and Expenditure in case of Pakistan through Toda Yamamoto Methodology | Asian Journal of Multidisciplinary Studies | 2016 May 16; 4(6): 33-36 |
| 2 | Waheed Ali Umrani Abdul Khaliq Daudpota | ICON Stores: Managing a New Business Venture | Emerald Emerging Markets Case Studies | 2016 May 16; 6(1): 1-20 |
| 3 | Khalid Ahmed | Does Harberger–Laursen–Metzler (HLM) Exist in Pakistan? Cointegration, Causality and Forecast Error Variance Decomposition Tests | Global Business Review | 2016 Aug 16; 17(4): 1-20 |
| 4 | Syed Mir Muhammad Shah Waheed Ali Umrani | Investigating the Issue of Nurse Job Satisfaction: Role of Esprit De Corps, Task Significance, Self-Efficacy and Resilience: A Case Study | International Journal of Academic Research in Business and Social Sciences | 2016 Apr 16; 6(6): 339-355 |
| 5 | Syed Mir Muhammad Shah Pervaiz Ahmed Memon Manzoor Ali Mirani | The Relationship between Transformational Leadership and Organizational Citizenship Behavior: An Empirical Evidence from the Banking Sector of Pakistan | THE INTERNATIONAL JOURNAL OF BUSINESS & MANAGEMENT | 2016 Feb 16; 4(2): 103-108 |
| 6 | Syed Mir Muhammad Shah | Moderating Role of Performance Appraisal Politics on Transformational Leadership and Job Performance: A Proposed Framework | Journal for Studies in Management and Planning | 2016 Jan 16; 2(1): 162-170 |
| 7 | Niaz Hussain Ghumro | Does Financial Liberalization Contribute in the Stability of Money Demand: Empirical Evidence from Pakistan | Scholars Journal of Economics, Business and Management | 2016 Feb 16; 3(2): 73-80 |
| 8 | Nabeel Nisar Ubedullah Memon Ali Raza Mangi | New Wella Salon: Exploring Growth Opportunities (A) | Case Studies in Business and Management | 2016 Aug 16; 3(2): 112-121 |
| 9 | Altaf Hussain Samo | Entrepreneurial Alertness among Business School Students | International Journal of Humanities & Social Science Studies | 2016 Jul 16; 3(1): 127-137 |
| 10 | Altaf Hussain Samo Pervaiz Ahmed Memon Syed Mir Muhammad Shah | Impact of Entrepreneurial Education on Entrepreneurial Alertness | Journal of Social and Organizational Analysis | 2016 Sep 16; 2(1): 1-9 |
| 11 | Altaf Hussain Samo | The Impact of Entrepreneurial Alertness on Entrepreneurial Intentions | Journal of International Business Research and Marketing | 2016 Sep 16; 1(6): 7-11 |
| 12 | Agha Jahanzeb Pervaiz Ahmed Memon | Impact of Corporate governance and firm-level control variables on dividend policy of service trade sector of Malaysia | Journal of Economic and Social Development | 2016 Sep 16; 3(2): 115-124 |
| 13 | Agha Jahanzeb | The mediating role of human capital on the relationship between audit firm size and independent auditor's opinion: evidence from Iranian audit firms | International Journal of Accounting and Economics Studies | 2016 Jun 16; 4(2): 102-108 |
| 14 | Waheed Ali Umrani | ICON stores: managing a new business venture | Emerald Emerging Markets Case Studies | 2016 Aug 16; 6(1): 1-20 |

## Other Publications

| Sr. No. | Authors | Title of Paper | Journal Name | Issue, Vol. Page # of Journal | HEC Categor |
|---|---|---|---|---|---|
| 1 | Waqar Akram, Ubaidullah Yashkun | Determinants of Micro-finance Institutions' Efficiency in South Asia during Financial Crisis: A Two-Stage Analysis | Pakistan Journal of Social Sciences | 2016 Dec 16; 36(2): 1089-1099 | Y |
| 2 | Waqar Akram Agha Jahanzeb | ESTIMATING PRODUCTIVITY OF BT COTTON AND ITS IMPACT ON PESTICIDE USE IN PUNJAB (PAKISTAN) | Pakistan Economic and Social Review | 2016 Jun 16; 54(1): 15-24 | X |
| 3 | Pervaiz Ahmed Memon Muhammad Ramzan | Co-Integration between Stock Prices and Exchange Rate of Selected SAARC Countries: An Empirical Study | Sukkur IBA Journal of Management and Business | 2016 Apr 16; 3(1): 82-98 | N/A |
| 4 | Agha Jahanzeb | Assessing the Default Prediction using Logistic Regression | Science International | 2016 Jun 16; 28(3): 3279-3281 | N/A |
| 5 | Agha Jahanzeb Pervaiz Ahmed Memon | Financial Distress Forecasting of Non-Financial Firms: A Case of Pakistan | Science International | 2016 Jun 16; 28(3): 2589-2592 | N/A |

## National/International Conference Publications:

| Sr. No. | Presenter/Authors | Title of Paper | Conference | Venue | Date |
|---|---|---|---|---|---|
| 1 | Agha Jahanzeb, Pervaiz Ahmed Memon, Javed Ali Tunio | Dynamic Panel Data Estimation of Determinants of Capital Structure of Food Processing Industry in Pakistan | Business and Social Sciences Research Conference | Bangkok, Thailand | 10 Dec 2015-11 Dec 2015 |
| 2 | Waheed Ali Umrani, Ubedullah Memon | Managing Faculty Performance at the Sukkur IBA | Internationalizing the Asian Businesses | Dubai, UAE | 16 Jan 2016-18 Jan 2016 |
| 3 | Sapna Bai, Zulfiqar Ali Chachar | From Dream to Reality (Mr. Nisar Ahmed Siddiqui) | Internationalizing the Asian Businesses | Dubai, UAE | 16-Jan-16 |
| 4 | Ubedullah Memon, Ali Raza, Nabeel Nisar | Human Resource Planning at Sukkur IBA | Internationalizing the Asian Businesses | Dubai, UAE | 16-Jan-16 |
| 5 | Waqar Akram, Shida Henneberry | Consumption Patterns of Urban Punjab of Pakistan: Evidence from HIES 2013-14 | 2016 AAEA Annual Meeting in Boston, MA | Boston, Massachusetts, USA | 31 Jul 2016-2 Aug 2016 |
| 6 | Altaf Hussain, Norashidah Hashim | Gender Entrepreneurial Intentions: A Developing Countries Perspective | 61st International Council of Small Business* ICSB 2016 | New York / New jersey USA | 15 Jun 2016-18 Jun 2016 |
| 7 | Agha Jahanzeb, Seyedhossein Naslmosavi, Pervaiz Ahmed Memon, Waqar Akram | Determinants of Capital Structure among Pakistani Textile Firms: Dynamic Panel Data Estimation | International Conference on Innovation and Emerging Trends in Business Management | IQRA University, Karachi | 4 Jun 2016-5 Jun 2016 |

# Department of Computer Science

The technology industry is in a constant state of evolution. There's a never-ending supply of new and emerging trends to keep up with. Technology moves at a breakneck speed and Sukkur IBA produces IT professionals who are eager to keep pace, hunt unlimited opportunities to innovate, grow, and thrive.

## Mission

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.

## Academic Programs

### Undergraduate Programs

- Bachelors of Science (Computer Science) BS (CS)
- Bachelors of Science (Software Engineering) BS (SE)

## MS in Computer Science Program

The course of Masters of Science in Computer Science is especially designed to equip the students with skills and knowledge of Computer Science needed to bring them in the mainstream of Computer Science professionals. This two-year degree program is concentrated and fast-tracking.

## Ph.D. in Computer Science Program

The general purpose of the Ph.D. program is to provide an educational experience which will enable its graduates to develop new knowledge in the discipline. Ph.D. candidates are fundamentally driven by their desire to advance the state-of- the-art and discover new phenomena, theories and applications which were previously unknown to them.

## Accreditation of Programs

All the programs running under the umbrella of CS department are duly recognized by the National as well as International accreditation bodies. The HEC-NCEAC has awarded the highest category "W" to our Computer Science programs. ABET Accreditation process is also initiated by the department.

## Honors and Awards

1. Chalti Rail Andriod Application developed by the students of Sukkur IBA while working with Silver Point Communication an Incubatee of CEL&Inc. won 2nd position in Procom17 at Fast University, team member were Mr. Abdul Qadir, Ms. KiranRohra and Mr. Shahzaib.

2. Procom.Net 2016 held at FAST Karachi, students secured. First Position in the competition "Entree War" the team Members were Zeeshan Khand, Sandesh Kumar and Abdul Rehman and First Runner UP in the competition "Software Exhibition" team members were Junaid Ali and Sonam Ramchand in the competition " Idea to Product" also First Runner up team members were Nourin Fatima, Shah Zaib and Maria Fatima.

3. PakistanStartup Cup 2016-@ PC Hotel Karachi on 24-04-2016 organized by TIE Pakistan our two team were selected among top 25 team members were Hassan Raza (CS),Ms. AtiqaAiman (CS) Mr. Anees Ali (BS-Accounting and Finance), and Mr. Muhammad Azib (BS-Accounting and Finance).

# Research Progress

## Impact Factor Publications: (HEC "W" Category)

| Sr. No. | Authors | Title | Journal Name | Year |
|---|---|---|---|---|
| 1 | MS Khan, WA Wahab, T Herawan, Ghulam Mujtaba, S Danjuma, MA Al-Garadi | Virtual Community Detection through the Association between Prime Nodes in Online Social Networks and Its Application to Ranking Algorithms | IEEE Access (Impact Factor 3.24) | 2016 (Status Published) |
| 2 | MS Khan, WA Wahab, T Herawan, Ghulam Mujtaba, MA Al-Garadi, MA Al-garadi | Concept of Entire Boolean Values Recalculation from Aggregates in the Preprocessed Category of Incomplete Soft Sets | IEEE Access (Impact Factor 3.24) | 2016 (Status Published) |
| 3 | MS Khan, KD Varathan, Ghulam Mujtaba, AM Al-Kabsi | Using online social networks to track a pandemic: A systematic review | Journal of biomedical informatics (Impact Factor 2.75) | 2016 (Status Published) |
| 4 | Gilal, Abdul Rehman, Jafreezal Jaafar, Mazni Omar, Shuib Basri, and Ahmad Waqas | A rule-based model for software development team composition: Team leader role with personality types and gender classification | Information and Software Technology | 2016 |
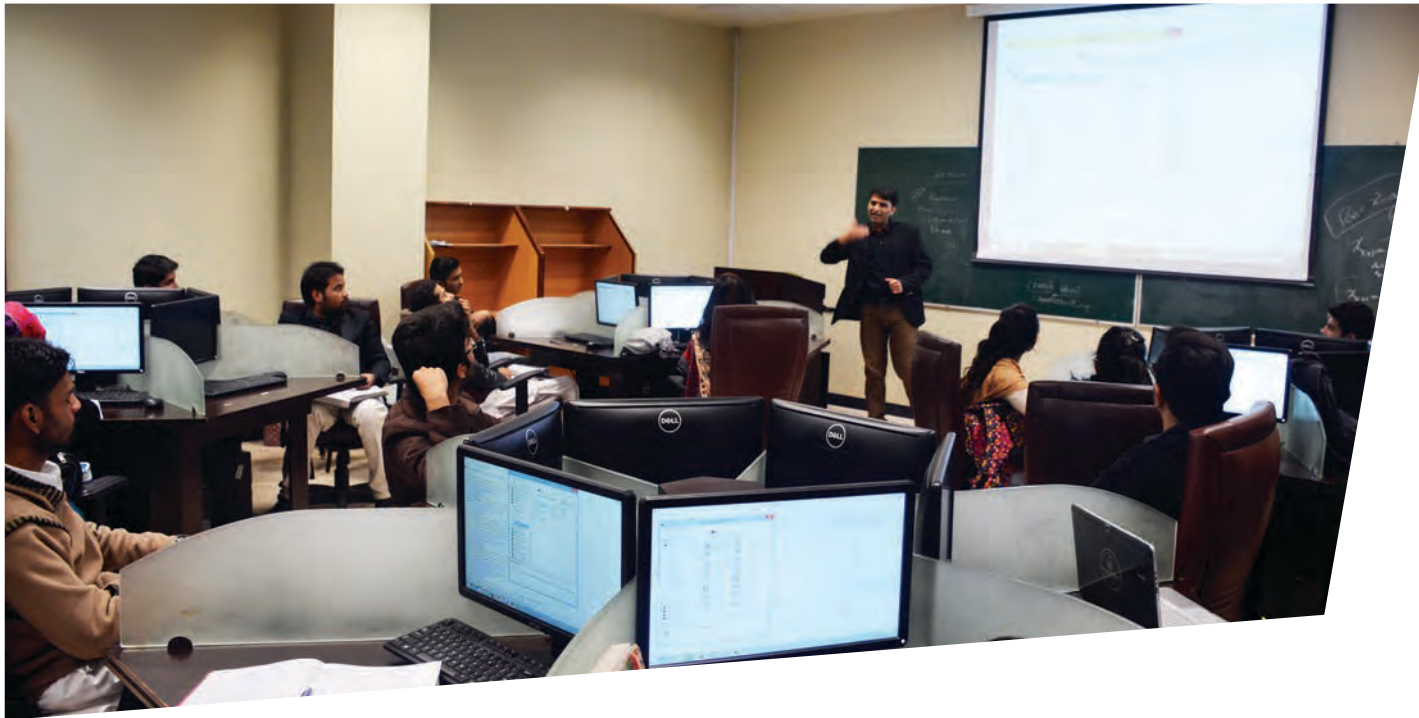
## HEC X, Y, & Z Category Publications: (National Journals)

| Sr. No. | Authors | Title | Journal Name | Year |
|---|---|---|---|---|
| 1 | H. A. M. MALIK, A. WAQAS, F. ABID, A. R. GILAL, A. W. MAHESSAR, Y. KOONDAR | Complex Network of Dengue Epidemic and Link Prediction | Sind University Research Journal (Science Series) | 2016 |
| 2 | A. WAQAS, A. R. GILAL, M. MEMON | Modeling and Analysis of Search Interests for Viral Videos in YouTube: A Case Study | Sind University Research Journal (Science Series) | 2016 |
| 3 | A.W. MAHESAR, Z. BHATTI, A. WAQAS | Efficient Link Prediction Method In Dark Networks Analysis | Sind University Research Journal (Science Series) | 2016 |

## International Journal Publications:

| Sr. No. | Authors | Title | Journal Name | Year |
|---------|---------|-------|--------------|------|
| 1. | Karbasi, Mostafa, Zeeshan Bhatti, Reza Aghababaeyan, Sara Bilal, Ahmad Waqas | Real-Time Hand Detection by Depth Images: A Survey | Jurnal Teknologi | 2016 |
| 2. | Abubakar, Adamu, Teddy Mantoro, Sardjoeni Moedjiono, Haruna Chiroma, Ahmad Waqas, Shafi'l. Muhammad Abdulhamid | A Support Vector Machine Classification of Computational Capabilities of 3D Map on Mobile Device for Navigation Aid | International Journal of Interactive Mobile Technologies (iJIM) | 2016 |
| 3. | Abdul Waheed Mehassar, Ahmad Waqas, Nadeem Mehmood, Asadullah Shah, Mohamed Ridza Wahiddin | Analyzing the Weighted Dark Networks Using Scale-Free Network Approach | WSEAS Transactions on Computers | 2015 |
| 4. | Mostafa Karbasi, Ahmad Waqas, Parham Nooralishahi, and Seyed Mohammad Reza Mazloomnezhad | Head And Hand Detection Using Kinect Camera 360 | International Journal of Research in Computer Science | 2015 |
| 5. | Zeeshan Bhati, Ahmad Waqas, Mostafa Karbasi, and Abdul Waheed Mahesar | A Wire Parameter And Reaction Manager Based Biped Character Setup And Rigging Technique In 3ds Max For Animation | International Journal of Computer Graphics & Animation | 2015 |
| 6. | Zeeshan Bhatti, Asadullah Shah, Ahmad Waqas, and Mostafa Karbasi | Automated Animation Of Quadrupeds Using Procedural Programming Technique | Asian Journal of Scientific Research | 2015 |
| 7. | Ahmad Waqas, Abdul Waheed Mahessar, Nadeem Mahmood, Zeeshan Bhatti, Mostafa Karbasi, and Asadullah Shah | Transaction Management Techniques And Practices In Current Cloud Computing Environments: A Survey | International Journal of Database Management Systems | 2015 |
| 8. | Zeeshan Bhatti, Asadullah Shah, Ahmad Waqas, and Nadeem Mahmood | Analysis Of Design Principles And Requirements For Procedural Rigging Of Bipeds And Quadrupeds Characters With Custom Manipulators For Animation | International Journal of Computer Graphics & Animation | 2015 |
| 9. | Nadeem Mahmood, Asadullah Shah, Ahmad Waqas, Adamu Abubakar, Shafia Kamran, and Syed Baqar Zaidi | Image segmentation methods and edge detection: An application to knee joint articular cartilage edge detection | Ournal of Theoretical and Applied Information Technology | 2015 |
| 10. | M. Abdul Rehman | An scalable Scientific Workflows Management System SWFMS | (IJACSA) International Journal of Advanced Computer Science and Applications (ISI –Web of Sceince Indexed) Volume 7 Issue 11. | 2016 |
| 11. | Attaullah Sahito, M. Abdul Rahman, Jamil Ahmed | Adaptive Error Detection method for P300-Based Spelling using Riemannian Geometry | (IJACSA) International Journal of Advanced Computer Science and Applications (ISI –Web of Sceince Indexed) Volume 7 Issue 11. | 2016 |

| Sr. No. | Authors | Title | Journal Name | Year |
|---|---|---|---|---|
| 12. | Jamil Ahmed, M. Abdul Rahman | Intelligent System For Detection Of Abnormalities In Human Cancerous Cells And Tissues | (IJACSA) International Journal of Advanced Computer Science and Applications (ISI –Web of Sceince Indexed) Volume 7 Issue 11. | 2016 |
| 13. | Jameel Ahmed, M Abdul Rehman | Intelligent Diagnostic System for Papillary Thyroid Carcinoma | Journal of Applied Environmental and Biological Sciences, 6(3)1-1 (ISI Indexed). | 2016 |
| 14. | Jameel Ahmed, M Abdul Rehman | Cancer Prevention Initiative: An Intelligent Approach For Thyroid Cancer Type Diagnostics | Jurnal Teknologi (ISI –Web of Sceince Indexed), 78, no. 4-3 : 31-39, February. | 2016 |
| 15. | R. A. Memon, I. Nazir, I. L Memon | Extended Superblock Flash Translation Layer for NAND Flash Memory | Asian Journal of Engineering, Science and Technology, (Special Issue) 123 – 126 | 2016 |



## Conference Papers 2016-17:

| Sr. No. | Authors | Title | Conference Name | Year |
|---|---|---|---|---|
| 1. | Ghulam Mujtaba, Liyana Shuib, Ram Gopal Raj, Retnagowri Ranjandram, Khairunisa Shaikh | Automatic text classification of ICD-10 related CoD from complex and free text forensic autopsy reports | 15th International Conference on Machine Learning and Applications (ICMLA), 2016, Los Angeles, California, USA | 2016 |
| 2. | Tariq Mahmood, Ghulam Mujtaba, Liyana Shuib, Niki Zulfiqar Ali, Amir Bawa, Saima Karim | Mobile-Based Intelligent Transportation for Bus Commuters Based on Twitter Analytics | 14th International Conference on Frontiers of Information Technology (FIT 2016), Islamabad, Pakistan | 2016 |
| 3. | Gilal, Abdul Rehman, Jafreezal Jaafar, Mazni Omar, Shuib Basri, and Ahmad Waqas | A rule-based model for software development team composition: Team leader role with personality types and gender classification | Information and Software Technology | 2016 |

| Sr. No. | Authors | Title | Conference Name | Year |
|---|---|---|---|---|
| 4. | Jamil Ahmed, Attaullah Sahito, M. Abdul Rehman Soomrani, and Siraj Ahmed Abbasi. | TDV: Intelligent system for Thyroid Disease Visualization | In Computing, Electronic and Electrical Engineering (ICE Cube), 2016 International Conference on, pp. 106-112. IEEE. | 2016 |
| 5. | Jamil Ahmed and M. Abdul Rehman Soomrani | TDTD: Thyroid disease type diagnostics | In Intelligent Systems Engineering (ICISE), 2016 International Conference on, pp. 44-50. IEEE. | 2016 |



## Workshops 2015-16

| Sr. No. | Title/Topic of Workshop/Seminar/Session | Guest Speaker (s) | Date |
|---|---|---|---|
| 1. | Interaction Session with Students | Mrs. Martin DORANCE, Ambassador of France to Pakistan | 22nd Feb, 2016 |
| 2. | Cyber Security & Today's Business | Rafy Balouch and Danish Iqbal | 1st February, 2016 To 2nd February, 2016. |
| 3. | Social Entrepreneurship | Syed Hussain Haider | January 12, 2016. |
| 4. | Interaction Session with Students | Mr. Brian Heath | April 7, 2016 |

# Department of Mathematics and Social Sciences

## Mission

From the inception of the known history, mathematics has played a central role in the development of science and its progress. Department of Mathematics and Social Sciences at Sukkur Institute of Business Administration (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. Our mission is to increase understanding and the ability of students to apply mathematics through in-depth study and endowing them with broad and diverse knowledge in the mathematical sciences.

## Goals and Objectives

We strive to make an impact on the discipline of Mathematics and on the broader community through the following goals:

- To be a resource in the Mathematical sciences for other disciplines activities of which have an ever-increasing need for the power of Mathematics.

- To work closely not only with colleagues from other disciplines within Sukkur IBA, but also with colleagues from the local schools and community colleges who share the responsibility of ensuring the flow of a mathematically literate and confident generation of new students.

## Undergraduate Programs

### BS-Mathematics

- We provide a successful BS Mathematics Program for community development at Sukkur IBA which will prove itself fruitful by bringing the change in the society.
- Limited access to poor people to quality education in Mathematics and increasing rate of unemployment has resulted in many socio-economic problems in the country. We strongly believe that by using modern mathematical techniques and targeting market and industrial needs, BS Mathematics program can produce more positive results.
- To develop the quantitative skills of students
- To enhance the knowledge of students to move to higher levels of independent learning.
- To utilize Mathematics as a tool in various fields of Industrial and Applied Sciences.
- To provide quality education with modern and scientific tools so that graduates may possess global outlook

## Graduate Programs

### MS-Applied Mathematics

The MS program in Applied Mathematics prepares students for careers in research, applications, and teaching. Students choose courses from three areas of concentration for their course work: Applied Mathematics, Computations Mathematics and Math Finance. Students are required to successfully qualify eight courses (6 compulsory and 2 electives) each of 3 credit hours duration. On successful completion of MS course work, students will be allowed to work on a 06 credit hour thesis on a subject of interest and on the availability of the faculty. The MS Program takes usually 2 to 2.5 years to complete and students must pass GRE/NTS exam prior to the completion of the degree according to HEC criteria.

### PhD - Mathematics

In year 2016 department of mathematics and social sciences has started PhD-Mathematics program. Currently, we have one enrolled PhD student in our doctoral program.

## Research Publications

Faculty members from department of mathematics and social sciences have made following publications:

* 2 Impact factor publications
* 1-Non impact factor publication
* 2-International Journal Publications
* 3-Conference Publications

# Department of Education

The Department of Education (DoE) was established in 2011 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, national and international level. This is to be achieved by creating an enabling learning environment embedded with research based practices to develop professionals equipped with innovative instructional and leadership skills to address the educational needs of the community. In doing so, DoE indents to become a center of excellence in the field of teacher education, educational leadership & management and educational research to produce dynamic educational professionals and raise the standards of education at local, national and international levels. DoE's broadest goals include:

- Offering pre-service teacher education degree programs
- Preparing in-service teachers
- Research and innovation
- Consultation and Projects
- Community Service

## Description of B.Ed. (Hons) Elementary Program

At department of Education following programmes are offered, which are duly accredited by National Council for Technical Education (NACTE). The overall goal of B.Ed program is to prepare exemplary student teacher relationship through focusing 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.

## Pre-service teacher education degree programs

The DoE offers following Degree Programs
1. B.Ed (Hons) Program
2. B.Ed (2 Years) Extension Program
3. B.Ed (2.5 Years) Extension Program
Bachelor of Education (extension) 2.5 year degree program is designed for those candidates who have 14 year education, i.e. B.A, BSc, B.Com, and want to join teaching field as professional teachers at elementary / secondary level. The degree program has been designed in line with HEC approved Teacher Education Roadmap (2016) and HEC Curriculum of Education (2009). It is based on five semesters. The first semester is a foundation semester, which contains four foundation courses, one professional course and one functional English course. These courses are offered in the first four semesters of B.Ed (Hons) degree program. The remaining four semesters are same as the last four semesters of B.Ed (Hons) degree program.
4. MPhil in Education

## Achievements of DoE students

- Ms. Anjili Chavani, the students of second semester of B.Ed (Hons), was awarded with a fellowship to attend a Summer Course by Harvard Crossroad Summer Program held in Dubai from 11-14th August 2017.
- Ms. Sehar Mangi, final year student of B.Ed (Hons) presented a research paper at the International Conference on Emerging Trends in education at Iqra University held on 20-21 May 2017. She was the only undergraduate student among 300 participates to present her work which was blind peer reviewed before final acceptance.
- Ms. Bakhtawar Awan, final year student of B.Ed (Hons) presented a paper titled 'Examining the alignment of ECE assessment strategies used by teachers with the proposed assessment strategies in the national curriculum' at the 5th International Conference on Building Bridge between Mathematics, Science and Technology and Teacher Education organized by University of Education on 24-26 March 2017
- A group of 4th semester students including John James, Fatima Shaikh, Muneza secured first position in the a national level competition on Media & Film making, compete against the graduates of media study and mass communication from the best universities of the country and secure FIRST POSITION.
- A group of DoE students including Aamna Qureshi, Fatima Sheikh, John James, Munazah Maham and Ume Kalsoom were awarded with the "Best Social Action Award 2017" by British Council in National Level Social Action Project Showcasing Event commenced in Islamabad on 12&13 May 2017.
- A group of DoE students including Waqar Shaikh, Misbha Queshi and were invited by Governor House on 29th May 2017 to award them with Rs. 50,000 each for their contribution in the improving the quality of education through their social action plans

• Three DoE students including Sania Nasir, Nadra Ahmed, Sonia, Bakhtawar Awan and Shagufta Khan presented their research at the first National Conference on Quality Education (QCON'17) organized by Liaquat University of Medical Health Sciences (LUMHS) on the 9-10 March 2017.

## Collaborations & Linkages
### National Level Collaboration with:
• Sindh Reading Project, USAID
• Pakistan Reading Project, USAID
• Sindh Basic Education Program
• Department of Education and Literacy, Govt of Sindh
• World Bank
• British Council Pakistan
• Land O Lakes international
• International Relief & Development (IRD)

• Canada Pakistan Basic Education Project –CIDA
• English Language Teaching Reform (ELTR), Higher Education Commission Pakistan

### International collaborations with
• MoU with Johnson County Community College, USA
• MoU Kansas State University, USA
• Linkages with University of Sussex, UK
• Linkages with Shanghai Normal University, China
• Linkages with Beijing Normal University, China

### Research and Management Projects:
### Ongoing projects:
• "Analyzing the impact of USAID led teacher education reforms on Extremism in Pakistan: an evaluation of newly introduced four year B. Ed (Hons) program and its impact on

student teachers' epistemology" funded by Nation Research Program for Universities (NRPU), Higher Education Commission (HEC).
• "Sindh Education Management Organization: management of three Government Higher Secondary Schools in District Khairpur" funded by Education & Literacy Department, Government of Sindh, in consultation with the PPP Unit, Finance Department, Government of Sindh, International Relief & Development, and USAID.
• "Standardized Assessment Test (SAT-IV)" funded by the World Bank

### Completed Projects
• "Performance Audit of Sukkur BISE 2016" funded by Chief Minster, Government of Sindh
• "The Examination pattern of Boards of Intermediate and Secondary Education operating in Sindh Pakistan" funded by Sukkur IBA University
• "Standardized Assessment Test (SAT-III)" funded by the World Bank
• "Standardized Assessment Test (SAT-II)" funded by the World Bank
• "Standardized Assessment Test (SAT-I)" funded by the World Bank
• "Connecting Classrooms" funded by British Council Pakistan

### Key Note Talks at International Conferences
Dr. Irfan Ahmed Rind gave a key note talk at the Road and Belt Research Project initiated by Institute of International

and Comparative Education, Shanghai Normal University on 20-30th August 2017. The title of the talk was 'Fostering the global citizenship among the students of community colleges in Pakistan'
Dr. Irfan Ahmed Rind gave a key note talk at the International Conference On Innovation and Emerging Trends In Business Management, Education And Social Sciences organized by Iqra University on 20-21 May 2017. The title of the talk was 'Community Colleges: A new alternative model of education for Pakistan'
Dr. Irfan Ahmed Rind gave a key note talk at the 5TH INTERNATIONAL CONFERENCE ON EDUCATION (ICE) 2017, held on 24-26 March 2017 at University of Education, Lahore Pakistan. The title of the talk was 'Public Examination at Higher Secondary and its Impact on STEM Education'.
Dr. Irfan Ahmed Rind gave a key note talk at the 1st LUMHS National Conference on Quality Education at Liaquat University of Medical & Health Sciences, Jamshoro on 9-10 March 2017. The title of the talk was 'Public Examination in Sindh'.

## Research output/Publications/Projects

* 10 Book chapters published

* 4 Ongoing projects

* 6 Projects completed

# Department of Electrical Engineering

The field of Electrical Engineering has grown into a variety of disciplines. The degree program of Electrical Engineering has been designed as per the guidelines of HEC and PEC. The Bachelor of Engineering in Electrical with specialization in Power, Electronics and Telecommunication Engineering is offered at present. The specialization Computer Systems have also been added in the department from August 2014. The department has also started B.E Energy Systems with specialization in renewable energy. The department has also started postgraduate programs. i.e. Master of Engineering (M.E) in the areas of Renewable Energy, Electronics & Communication.

## Mission

The mission of Department of Electrical 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.

## Undergraduate Programs

B.E in Electrical with Specialization in Telecommunication

- B.E in Electrical with Specialization in Electronics
- B.E in Electrical with Specialization in Power
- B.E in Computer Systems
- B.E in Energy Systems Engineering with Specialization in Renewable Energy

## Postgraduate Programs

- ME in Electronics & Communication
- ME in Renewable Energy Systems

## Accreditation of Programs

B.E Electrical Engineering with specialization in Power, Electronics and Telecommunication is recognized by the Pakistan Engineering Council and all the batches till the intake of 2013 and department is in process to secure OBE based PEC accreditation.

## Academic Achievements & Happenings

### IEEE Day Celebrations 2016

IEEE day is celebrated every year in the month of October across the whole world. This year IEEE day was celebrated on 17 October 2016 with full spirit and in addition to cake cutting ceremonies there were other interactive sessions and talks of learned PhDs too.

### IEEE Xtreme 24-Hour Programming Competition

In IEEE Xtreme 2016 held on 22nd October 2016. Total of 12 teams participated from IEEE Student Branch Sukkur IBA. A Team of Codebuggers from Sukkur IBA got 3rd position and SIBA Coder got 2nd position all over the Pakistan in this 24-Hour Competition.

### Participation in Psywc'16

The IEEE WIE (Women in Engineering) chapter of Sukkur IBA claimed 2nd prize in group based activities with a theme "Envirotech" to provide solution to existing environmental Problem using Technology. The group provided the solution with Title "Controlling the Green House Effect and monitoring soil for Plantation".

### Trip to FFC Mirpur Mathelo

Students of BEE-V and BEE-II were taken to a trip to Fauji Fertilizer Company Mirpur Mathelo in the Month of July 2016 where at first they were given briefing about the whole plant. Then they visited the whole plant, the control section and were given a chance to explore the exposure of visiting an industry and its working.

### Trip to Guddu Thermal Power Plant

A trip to Guddu Thermal Power Plant was arranged. The trip was organized on behalf of IEEE Student branch Sukkur IBA for the students of BEE-III.

The students learnt many things about the generation system and the Control mechanism. The whole control process was controlled through different software by professional Engineers. They were shown the three phase generation system and were explained it's working.

## SIBACOM 2016

IEEE Student Branch Sukkur IBA organized 2nd Sukkur IBA Competition (SIBACOM) on Saturday 26th of November 2016 to promote culture of creativity, innovation and ingenuity. This event provided our students with a competitive environment conducive for (co)-curricular excellence, inter-university collaboration and socialization.

The primary focus of SIBACOM was to provide students with an opportunity to showcase their talent through the exhibition of innovative hardware and software covering wide spectrum of information technology ranging from electronic circuit design, robotics, embedded systems, medical applications, control systems to mobile and PC software applications including games.

More than 130 delegates from different universities all across PSindh participated in this event. Different competitions were including Hardware Exhibition in senior and junior category, Mobile software exhibition, Desktop software exhibition, circuit design challenge; line following robot, speed programing, gaming and others were organized to identify talent within students. Hardware Exhibitions senior and junior category were won by Sukkur IBA, Speed Programing was won by MUET Jamshoro. Winners of Software exhibitions mobile and desktop were also from Sukkur IBA.

The event ended with prize distribution ceremony held in Sukkur IBA auditorium.

## Sukkur IBA Engineering Society

The society is established to promote the practical engineering activities and further engineering academic practices. Engineering Society organized one Day Workshop Practice Project Exhibition of BE-I OGDCL NTHP batch. The Exhibition consisted of 45 Hardware projects made by 80 students of BE-I Batch. These projects were supervised by their mentor Engr. Safdar Ali Abro. The purpose of this activity was to facilitate students in learning basic Engineering concepts and their application in daily life for societal benefit. The Event was inaugurated by Head of the Department, Electrical Engineering, Dr. Faheem Akhter Chachar. The Worthy Director Sukkur IBA, Prof. Nisar Ahmed Siddiqui was the Chief Guest of the event along with Honorable Registrar Sukkur IBA Engr. Zahid Hussain Khand. Almost all the Faculty members and staff visited the event and appreciated efforts made by BE-I students and their Mentor for organizing this event. The Projects were evaluated on the basis of Circuit Design, Concepts and application by Senior Faculty members of the EE Department. At the End, Prizes were distributed among the winners by HoD Electrical Engineering Department.

# Industrial Linkages

The Industrial Linkages office is responsible to strengthen the relationship between the academia and industry. This office organizes trainings for students and faculty members as a registered PEB institute for the capacity and professional development of the students and faculty. In the past, our students have visited and performed internship in several industrial partners of Sukkur IBA through this office which includes MEPCO Multan, PTCL, Mobilink, Telenor and Ufone.

The Industrial linkage office in collaboration with National Energy Efficiency and Conservation Authority (NEECA) organized a course on 11 February, 2017 for the faculty members and industry

o  to improve and broaden their knowledge and skills for developing personal qualities required in their professional lives.
o  to develop competence and ability of engineers for the application of theoretical knowledge to practical situations.

The Sukkur IBA has also planned to hold another workshop for the universities and industry on 26th August, 2017 on Operation and Maintenance of Industrial Plants. The aim of this workshop is to provide in-depth knowledge of various aspects of operation and maintenance strategies being adopted in a typical industrial plant.

# Research Progress

## Impact Factor Publications (HEC "W" Category)

| Sr. No. | Sukkur IBA Contributor | Designation | Department | Authors | Title of Paper | Journal Name | Volume | Issue | Impact Factor | HEC Category | Publication Date | Publication Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Bhajan Lal | Assistant Professor | Electrical Engineering | Faiza Asghara, Amin Badshah, Bhajan Lal, Ian S. Butler, Saira Tabassum, Muhammad Nawaz Tahir | Bioactivity of new ferrocene incorporated N,N-disubstituted ureas: Synthesis, structural elucidation and DFT study | Inorganica Chimica Acta | 439 | | 2.046 | W | January-16 | 2016 |
| 2. | Abdul Qadir Rahimon, Madad Ali Shah | Assistant Professor | Electrical Engineering | Nurlybek A. Ispulov, Abdul Qadir, M.A. Shah, Ainur K. Seythanova, Tanat G. Kissikov, Erkin Arinov | Reflection of Thermoelastic Wave On The Interface of Isotropic Half- Space and Tetragonal Syngony Anisotropic Medium of Classes 4, 4/m with Thermo mechanical Effect | Chinese Physics B | 25 | 3 | 1.603 | W | January-16 | 2016 |
| 3. | Bhajan Lal | Assistant Professor | Electrical Engineering | Bhajan Lal, S. Akhter, A.A. Altaf, A. Badshah, R.A. Hussain, H. Li | Synthesis, Crystal Structure, Spectral And Electrochemical Characterization, DNA Binding and Antioxidant studies of 1-(2-florobenzoyl)-3-(2-chloro, 4-ferrocenyl-phenyl) thiourea | International Journal of Electrochemical Sciences | 11 | 1 | 1.5 | W | January-16 | 2016 |
| 4. | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Xin-wei Zha, Irfan Ahmed, Yanpeng Zhang | 3-Uniform states and orthogonal arrays | Results in Physics | 6 | | 1.173 | W | January-16 | 2016 |
| 5. | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Zepei Li, Xiaoli Wang, Chenyu Li, Yuefi Zhang, Feng Wen, Irfan Ahmed and Yapeng Zhang | Two-mode Entanglement of Dressed Parametric Amplification Four-wave mixing in Atomic Ensemble | Laser Physics Letter Published by IOP Science | 13 | 2 | 2.485 | W | January-16 | 2016 |

| Sr. No. | Sukkur IBA Contributor | Designation | Department | Authors | Title of Paper | Journal Name | Volume | Issue | Impact Factor | HEC Category | Publication Date | Publication Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6. | Ali Hassan Sodhro, Madad Ali Shah | Professor | Electrical Engineering | Ali Hassan Sodhro, Ye Li, Madad Ali Shah | Energy-efficient adaptive transmission power control for wireless body area networks | IET Communications | 10 | 1 | 0.742 | W | January-16 | 2016 |
| 7. | Bhajan Lal | Assistant Professor | Electrical Engineering | Ataf Ali Altaf, Bhajan Lal, Amin Badshah, Muhammad Usman, Pabitra B. Chatterjee, Fazlul Huq, Shafiq Ullah, Debbie C. Crans | Synthesis, structural characterization, modal membrane interaction and anti-tumor cell line studies of nitrophenyl ferrocenes | Journal of Molecular Structure | 1113 | | 1.78 | W | June-16 | 2016 |
| 8. | Bhajan Lal | Assistant Professor | Electrical Engineering | Faiza Asghar, Amin Badshah, Ian S. Butler, Saira Tabassum, Muhammad Nawaz Tahir, Bhajan Lal | Synthesis, structural characterization, in vitro bioactivities, interaction with SS-DNA and DFT study of 4-chloro-3-ferrocenylaniline | Inorganica Chimica Acta | 442 | 3 | 1.918 | W | March-16 | 2016 |
| 9. | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Yunzhe Zhang; Irfan Ahmed; Dan Zhang; Zhe Liu; Weitao Zhang; Wenhui Yi; Yanpeng Zhang | Phase Control of Optical Nonreciprocity in Photonic Bandgap Four-Wave Mixing | IEEE Photonics Journal | 8 | | 2.2 | W | June-16 | 2016 |
| 10. | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Feng Wen, Zhaoyang Zhang, Irfan Ahmed, Zepei Li, Hongxing Wang, Zongchen Liu, Hong Gao and Yanpeng Zhang | Second-order self-imaging with parametric amplification four-wave mixing | Laser Physics Letters | 13 | 7 | 2.391 | W | June-16 | 2016 |
| 11. | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Changbiao Li, Zihai Jiang, Xiuxiu Wang, Irfan Ahmed, Faizan Raza, Yiheng Yang, Yanpeng Zhang | Polarization controlled intensity noise correlation and squeezing of four-wave mixing processes in rubidium vapor | Optical Materials | 55 | | 2.183 | W | May-16 | 2016 |

## HEC X, Y, & Z Category Publications (National Journals):

| Sr. No. | Sukkur IBA Contributor | Designation | Department | Authors | Title of Paper | Journal Name | Volume | Issue | Impact Factor | HEC Category | Publication Date | Publication Year |
|---------|------------------------|-------------|------------|---------|----------------|--------------|--------|-------|---------------|--------------|------------------|------------------|
| 1. | Madad Ali Shah, Sohail Ahmed Soomro, Aakash Juseja | Professor | Electrical Engineering | A. K. JUSEJA++, M. A. SHAH*, S. A. SOOMRO** | Development of AMI for Efficient Distribution and Control of Electrical Energy for Smart Grid | Sindh University Research Journal | 48 | 2 | N/A | X | June-16 | 2016 |
| 2. | Fareed Hussain Mangi | Associate Professor | Electrical Engineering | K. H. MANGI, K. QURESHI, F. H. MANGI, I. BHATTI | Development of indigenous Bio-coagulant for Turbidity Removal | Sindh University Research Journal (Sciences Journal) | 48 | 3 | N/A | X | August-16 | 2016 |

## International Journal Publications:

| Sr. No. | Sukkur IBA Contributor | Designation | Department | Authors | Title of Paper | Journal Name | Volume | Issue | Impact Factor | HEC Category | Publication Date | Publication Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Bhajan Lal | Assistant Professor | Electrical Engineering | Faiza Asghara, Amin Badshah, Bhajan Lal, Ian S. Butler, Saira Tabassum, Muhammad Nawaz Tahir | Bioactivity of new ferrocene incorporated N,N-disubstituted ureas: Synthesis, structural elucidation and DFT study | Inorganica Chimica Acta | 439 | | 2.046 | W | January-16 | 2016 |
| 2 | Abdul Qadir Rahimon, Madad Ali Shah | Assistant Professor | Electrical Engineering | Nurlybek A. Ispulov, Abdul Qadir, M.A. Shah, Ainur K. Seythanova, Tanat G. Kissikov, Erkin Arinov | Reflection of Thermoelastic Wave On The Interface of Isotropic Half- Space and Tetragonal Syngony Anisotropic Medium of Classes 4, 4/m with Thermo mechanical Effect | Chinese Physics B | 25 | 3 | 1.603 | W | January-16 | 2016 |
| 3 | Bhajan Lal | Assistant Professor | Electrical Engineering | Bhajan Lal, S. Akhter, A.A. Altaf, A. Badshah, R.A. Hussain, H. Li | Synthesis, Crystal Structure, Spectral And Electrochemical Characterization, DNA Binding and Antioxidant studies of 1-(2-florobenzoyl)-3-(2-chloro, 4-ferrocenylphenyl) thiourea | International Journal of Electrochemical Sciences | 11 | 1 | 1.5 | W | January-16 | 2016 |
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| 5 | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Zepei Li, Xiaoli Wang, Chenyu Li, Yuefi Zhang, Feng Wen, Irfan Ahmed and Yapeng Zhang | Two- mode Entanglement of Dressed Parametric Amplification Four-wave mixing in Atomic Ensemble | Laser Physics Letter Published by IOP Science | 13 | 1 | 2.485 | W | January-16 | 2016 |

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| 7 | Abdul Qadir Rahimon, Madad Ali Shah, Asif Khan, Kashif Hussain | Associate Professor | Electrical Engineering | Abdul Qadir, Nurlybek A. Ispalove, Asim Ali, R. Chand, Madad Ali Shah, Asif Khan and Kashif Hussain | Experimental and Numerical Determination of Apparent Mass Variation of Granular Media Confined in Silo Geometry | ACTA PHYSICA POLONICA A | 129 | 3 7 | 0.53 | W | March-16 | 2016 |
| 8 | Bhajan Lal | Assistant Professor | Electrical Engineering | Ataf Ali Altaf, Bhajan Lal, Amin Badshah, Muhammad Usman, Pabitra B. Chatterjee, Fazlul Huq, Shafiq Ullah, Debbie C. Crans | Synthesis, structural characterization, modal membrane interaction and anti-tumor cell line studies of nitrophenyl ferrocenes | Journal of Molecular Structure | 1113 | | 1.78 | W | June-16 | 2016 |
| 9 | Bhajan Lal | Assistant Professor | Electrical Engineering | Faiza Asghar, Amin Badshah, Ian S. Butler, Saira Tabassum, Muhammad Nawaz Tahir, Bhajan Lal | Synthesis, structural characterization, in vitro bioactivities, interaction with SS-DNA and DFT study of 4-chloro-3-ferrocenylaniline | Inorganica Chimica Acta | 442 | | 1.918 | W | March-16 | 2016 |
| 10 | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Yunzhe Zhang; Irfan Ahmed; Dan Zhang; Zhe Liu; Weitao Zhang; Wenhui Yi; Yanpeng Zhang | Phase Control of Optical Nonreciprocity in Photonic Bandgap Four-Wave Mixing | IEEE Photonics Journal | 8 | | 2.2 | W | June-16 | 2016 |
| 11 | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Feng Wen, Zhaoyang Zhang, Irfan Ahmed, Zepei Li, Hongxing Wang, Zongchen Liu, Hong Gao and Yanpeng Zhang | Second-order self-imaging with parametric amplification four-wave mixing | Laser Physics Letters | 13 | | 2.391 | W | June-16 | 2016 |

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| Sr. No. | Sukkur IBA Contributor | Desigination | Department | Authors | Title of Paper | Journal Name | Volume | Issue | Impact Factor | HEC Category | Publication Date | Publication Year |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | Irfan Ahmed Soomro | Assistant Professor | Electrical Engineering | Changbiao Li, Zihai Jiang, Xiuxiu Wang, Irfan Ahmed, Faizan Raza, Yiheng Yang, Yanpeng Zhang | Polarization controlled intensity noise correlation and squeezing of four-wave mixing processes in rubidium vapor | Optical Materials | 55 | | 2.183 | W | May-16 | 2016 |
| 13 | Dr. Bhajan Lal | Assistant Professor | Electrical Engineering | Ataf Ali Altaf, Bhajan Lal, Nasir Khan, Amin Badshah, Shafiq Ullah, and Kamran Akbar | Spectroscopic, Electrochemical, and In Silico Characterization of Complex Formed between 2-Ferrocenylbenzoic Acid and DNA | Journal of Chemistry | 2016 | | 0.996 | W | March-16 | 2016 |

# Research & Development

# Office of Research Innovation and Commercialization (ORIC) Overview

# Office of Research Innovation and Commercialization (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 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 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.

Sukkur IBA, through ORIC, is pursuing its faculty members and research students to engage in the applied research to provide the patentable solution of common social problems including education, health, energy, and agriculture.

In energy sector the researchers at Sukkur IBA are engaged in providing solutions of energy problems by working on the projects of enhancing efficiency of alternate energy sources such as solar energy, using wireless energy, and managing the efficient use of available energy source. Recently the scientist at Sukkur IBA has provided the fuel management system involving mobile applications and sensors. The patent of this solution has been filed with IPO Pakistan.

Similarly the scientists at Sukkur IBA are working on the water management system in agriculture fields. They have provided the solution of assessing exact water needs of the land using sensors and controlling the supply of water through mobile application that can work on GSM technology. The patent for this solution has also been filed.

Besides the contribution in technology; the social scientists at Sukkur IBA are also engaged in conducting the applied research studies which are aimed at helping policy makers to introduce the interventions to overcome the social problems. Standardized achievement test (SAT) project helps in informing the policy makers in education to understand the achievement level of students in primary and secondary education. SAT identifies the content strands in every subject where the students are weak. This helps policy makers to design the training programs for head teachers and teachers, improve curriculum, and change recruitment policies. Furthermore, the ongoing study of assessing the efficiency of government examination boards of secondary and higher secondary education is also expected to help policy makers in education to re-think and reengineer the existing examination system.

Moreover, Scientists in social sciences discovering the socio-economic indicators of country's economy an ongoing study on Assessing the Environmental Awareness in Tharparkar Sindh: A survey study on Thar Coal Power Project will provide the economic policy makers a view of people's perception and acceptance to projects that can shape the country's economy.

# ORIC Initiatives to Promote Research Culture

With the support of management of Sukkur IBA, several interventions have been introduced to achieve the objectives. Following are some of the important steps.

## a. Sukkur IBA Research Policy

Sukkur IBA has developed a comprehensive research policy; and it is being implemented. Consequent upon the implementation of research policy; the number of research publications and grants have increased. This research policy clearly articulates:

- Reduction in teaching load of faculty members engaged in research
- Reward policy for publications in Journal of well repute (ISI indexed, ISI impact factor, and HEC recognized)
- Conference, Workshops, Symposiums and Seminars Travel grants policy for researchers to present their empirical research work in national and international conferences, workshops, symposiums and seminars
- Profit sharing policy from the commercial projects/research activities

## b. Sukkur IBA Intellectual Property Policy

Considering the importance of innovation in this era of technology 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 Rights 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. With the introduction of IP Policy, Sukkur IBA has recently filed a patent and we expect more in near future.

## c. 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 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. A seed grant of 0.5 million rupees is provided to researcher from Sukkur IBA to carry out the research project. Two research projects has been awarded with this seed grant of 0.5 million rupees after the acceptance of their submitted research proposals.

## d. Research Capacity Building Workshops Series

After assessing the research strength of our faculty, staff and students engaged in research, Sukkur IBA ORIC initiated Research Capacity Building Workshops Series to build strong research capacity of our researchers. Since 2015, several workshops have been organized from the platform of ORIC on different topics of research development.

## e. Monthly Think-Tank Meeting

ORIC provides a platform to faculty and researchers of Sukkur IBA in 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.

### f. Sukkur IBA Research School

Office of Research Innovation, Commercialization & Innovation – 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 introduced new initiative named "Sukkur IBA Research School". The objectives of this initiative are:

- 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.
- To help and guide young faculty members to initiate the research in collaboration with senior researchers.
- To provide new research avenues/future research directions to young faculty members of Sukkur IBA
- To facilitate research students and non-PhD faculty members 10 choosing their research topics and supervisors

Sukkur IBA Research Schools opens fortnightly on Thursday from 3:30 PM to 5:30 PM for faculty and research students to present their imperial 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.

Higher Education Commission of Pakistan 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. The research that does not only solve and identify the existing problems but also generate new and innovative ideas. 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 also the supplement copies of the journal distributed to HEI and R&D institutions of the country. The journal has been archived by world's renowned scientific repositories. Journal has received recognition from several research agencies, universities and renowned professors. In coming years, the journal aim to improve its current state by attracting more national and international researchers in the field of Business and Management. The mission of SIJMB is to contribute and promote research in the field of business and management sciences.

## Sukkur IBA Journal of Computing and Mathematical Sciences (SJCMS)

Considering the importance of research dissemination in Computing and Mathematical Science, Sukkur IBA Department of Computer Science in coordination with Office of Research, Innovation & Commercialization – ORIC initiated Sukkur IBA Journal of

Computing and Mathematical Sciences (SJCMS). Sukkur IBA Journal of Computing and Mathematical Sciences (SJCMS) is the bi-annual research journal published by Sukkur Institute of Business Administration - Sukkur IBA, Sukkur Pakistan. SJCMS is dedicated to serve as a key resource to provide practical information for the researcher associated with computing and mathematical sciences at global scale. The aim SJCMS is to publish original research findings in the field of Computing and Mathematics. Hence, it contains double-blind peer-reviewed articles which address key issues in the specified domains. The SJCMS adopts all standards that are aprerequisite for publishing high-quality research work. The Editorial Board of the Journal is comprised of academic and industrial researchers from technologically advanced countries. The Journal has adopted the open access policy without charging any publication fees that will certainly increase the readership by providing free access to a wider audience.

## Sukkur IBA Journal of Economics and Finance (SIJEF)

Economics and Finance have always been significant contributing fields in developing economies to cater the needs of research dissemination and promotion in these fields; ORIC has initiated the specific journal namely Sukkur IBA Journal of Economics and Finance (SIJEF). Sukkur IBA Journal of Economics and Finance is a peer-reviewed, open access journal and the mission of SIJEF is to contribute and promote research in the field of economics and finance. The journal helps researchers to reach a truly global audience, and discover connections across diverse fields of economics and finance.

**Chapter 2**

# Research Progress at Sukkur IBA
## Impact Factor Journal Publications

| Department | Authors | Title | Journal | Vol. | No. | IF | Cat. | Year |
|---|---|---|---|---|---|---|---|---|
| Business Administration | Khalid Ahmed, MitaBhattacharya, Ahmer Qasim Qazi and Wei Long | Energy consumption in China and underlying factors in a changing landscape: Empirical evidence since the reform period | Renewable & Sustainable Energy Reviews | 58 | | 7.89 | W | 2016 |
| Business Administration | Khalid Ahmed, Muhammad Shahbaz, and Phouphet Kyophilavong | Revisiting the emissions-energy-trade nexus: evidence from the newly industrializing countries | Environmental Science and Pollution Research | | | 2.82 | W | 2016 |
| Business Administration | Muhammad Shahbaz, Ghulam Rasool, Khalid Ahmed, Mantu Kumar Mahalik | Considering the effect of biomass energy consumption on economic growth: Fresh evidence from BRICS region | Renewable and Sustainable Energy Reviews | 60 | | 7.44 | W | 2016 |
| Business Administration | Khalid Ahmed | The sheer scale of China's urban renewal and CO2 emissions: multiple structural breaks, long-run relationship, and short-run dynamics | Environmental Science and Pollution Research | 23 | 16 | 2.76 | W | 2016 |
| Business Administration | Khalid Ahmed, Mantu Kumar Mahalik, Muhammad Shahbaz | Dynamics between economic growth, labor, capital and natural resource abundance in Iran: An application of the combined cointegration approach | Resources Policy | 49 | | 2.73 | W | 2016 |
| Business Administration | Khalid Ahmed, Naveed Ahmed, Muhammad Shahbaz, Ilhan Ozturk, Wei Long | Modelling trade and climate change policy: a strategic framework for global environmental negotiators | Journal of Water and Climate Change | 7 | 4 | 0.78 | W | 2016 |
| Business Administration | Muhammad Shahbaza, Nanthakumar Loganathanb, Ahmed Taneem Muzaffarc, Khalid Ahmede, Muhammad Ali Jabranf | How urbanization affects CO2 emissions in Malaysia? The application of STIRPAT model | Renewable & Sustainable Energy Reviews | 57 | | 7.89 | W | 2016 |
| Business Administration | Khalid Ahmed, Naveed Ahmed, Muhammad Shahbaz, Ilhan Ozturk, Wei Long | Modelling trade and climate change policy: a strategic framework for global environmental negotiators | Journal of Water and Climate Change | 7 | 4 | 0.78 | W | 2016 |
| Business Administration | Khalid Ahmed & Ilhan Ozturk | The emission abatement policy paradox in Australia: evidence from energy-emission nexus | Environmental Science and Pollution Research | 23 | 17 | 2.76 | W | 2016 |
| Business Administration | Muhammad Shahbaz, Samia Nasreen, Khalid Ahmed, Shawkat Hammoudeh | Trade openness–carbon emissions nexus: The importance of turning points of trade openness for country panels | Energy Economics | 61 | | 2.86 | W | 2016 |
| Computer Science | Abdul Rehman Gilal, Mazni Omar, Shuib Basri, Ahmad Waqas | A Rule-Based Model for Software Development Team Composition: TeamLeader Role with Personality Types and Gender Classification | Information and Software Technology | 74 | | 1.56 | W | 2016 |
| Computer Science | Abdul Rehman Gilal, Jafreezal Jaafar, Mazni Omar, Shuib Basri, Izzatdin Abdul Aziz | BALANCING THE PERSONALITY OF PROGRAMMER: SOFTWARE DEVELOPMENT TEAMCOMPOSITION | Malaysian Journal of Computer Science | 29 | 2 | 0.47 | W | 2016 |
| Computer Science | Muhammad Sadiq Khan, Tutut Herawan, Ainuddin Wahid Abdul Wahab, Ghulam Mujtaba, Mohammed Ali Al-Garadi | Concept of Entire Boolean Values Recalculation from Aggregates in the Preprocessed Category of Incomplete Soft Sets | IEEE Access | 5 | - | 1.27 | W | 2016 |

| Department | Authors | Title | Journal | Vol. | No. | IF | Cat. | Year |
|---|---|---|---|---|---|---|---|---|
| Computer Science | Muhammad Sadiq Khan, Ainuddin Wahid Abdul Wahab, Tutut Herawan, Ghulam Mujtaba, Sani Danjuma, And Mohammed Ali Al-Garadi | Virtual Community Detection Through the Association between Prime Nodes in Online Social Networks and Its Application to Ranking Algorithms | IEEE Access | 4 | | 1.27 | W | 2016 |
| Computer Science | Muhammad Sadiq Khan, Ainuddin Wahid Abdul Wahab, Tutut Herawan, Ghulam Mujtaba1, Sani Danjuma, And Mohammed Ali Al-Garadi1 | Virtual Community Detection Through the Association between Prime Nodes in Online Social Networks and Its Application to Ranking Algorithms | IEEE Access | 4 | | 3.24 | W | 2016 |
| Electrical Engineering | Faiza Asghara, Amin Badshah, Bhajan Lal, Ian S. Butler, Saira Tabassum, Muhammad Nawaz Tahir | Bioactivity of new ferrocene incorporated N,N-disubstituted ureas: Synthesis, structural elucidation and DFT study | Inorganica Chimica Acta | 439 | | 2.04 | W | 2016 |
| Electrical Engineering | Nurlybek A. Ispulov, Abdul Qadir, M.A. Shah, Ainur K. Seythanova, Tanat G. Kissikov, Erkin Arinov | Reflection of Thermoelastic Wave On The Interface of Isotropic Half- Space and Tetragonal Syngony Anisotropic Medium of Classes 4, 4/m with Thermo mechanical Effect | Chinese Physics B | 25 | 3 | 1.60 | W | 2016 |
| Electrical Engineering | Bhajan Lal, S. Akhter, A.A. Altaf, A. Badshah, R.A. Hussain, H. Li | Synthesis, Crystal Structure, Spectral And Electrochemical Characterization, DNA Binding and Antioxidant studies of 1-(2-florobenzoyl)-3-(2-chloro, 4-ferrocenylphenyl) thiourea | International Journal of Electrochemical Sciences | 11 | 1 | 1.5 | W | 2016 |
| Electrical Engineering | Xin-wei Zha, Irfan Ahmed, Yanpeng Zhang | 3-Uniform states and orthogonal arrays | Results in Physics | 6 | | 1.17 | W | 2016 |
| Electrical Engineering | Zepei Li, Xiaoli Wang, Chenyu Li, Yuefi Zhang, Feng Wen, Irfan Ahmed and Yapeng Zhang | Two- mode Entanglement of Dressed Parametric Amplification Four-wave mixing in Atomic Ensemble | Laser Physics Letter Published by IOP Science | 13 | 2 | 2.48 | W | 2016 |
| Electrical Engineering | Ali Hassan Sodhro, Ye Li, Madad Ali Shah | Energy-efficient adaptive transmission power control for wireless body area networks | IET Communications | 10 | 1 | 0.74 | W | 2016 |
| Electrical Engineering | Abdul Qadir, Nurlybek A. Ispalove, Asim Ali, R. Chand, Madad Ali Shah, Asif Khan and Kashif Hussain | Experimental and Numerical Determination of Apparent Mass Variation of Granular Media Confined in Silo Geometry | ACTA PHYSICA POLONICA A | 129 | 3 | 0.53 | W | 2016 |
| Electrical Engineering | Ataf Ali Altaf, Bhajan Lal, Amin Badshah, Muhammad Usman, Pabitra B. Chatterjee, Fazlul Huq, Shafiq Ullah, Debbie C. Crans | Synthesis, structural characterization, modal membrane interaction and anti-tumor cell line studies of nitrophenyl ferrocenes | Journal of Molecular Structure | 1113 | | 1.78 | W | 2016 |
| Electrical Engineering | Faiza Asghar, Amin Badshah, Ian S. Butler, Saira Tabassum, Muhammad Nawaz Tahir, Bhajan Lal | Synthesis, structural characterization, in vitro bioactivities, interaction with SS-DNA and DFT study of 4-chloro-3-ferrocenylaniline | Inorganica Chimica Acta | 442 | | 1.91 | W | 2016 |
| Electrical Engineering | Weirong Huo, Luhan Ye, Weiqiang Lv, Yinghua Niu, Jipeng Fei, Muhammad Waqas, and Weidong He | Reduced electrochemical performances of proton exchange membrane fuel cells due to gaseous diffusion in electrolytes | RSC Advances | 99 | | 3.28 | W | 2016 |

| Department | Authors | Title | Journal | Vol. | No. | IF | Cat. | Year |
|---|---|---|---|---|---|---|---|---|
| Electrical Engineering | Irfan Ahmed, Zhaoyang Zhang, Feng Wen, Da Zhang, Changbiao Li & Yanpeng Zhang, Ruimin Wang | Switching Correlation and Noise Level in Pr 3+: YSO Crystal via Dressing Nonlinear Phase | Scientific Reports | 6 | | 5.22 | W | 2016 |
| Electrical Engineering | Huayan Lan, Irfan Ahmed, Hang Wang, Yiheng Yang, Haijun Tang, Yiqi Zhang and Yanpeng Zhang | Noise correlations controlled by dressed suppression and enhancement | EPL | 115 | 3 | 1.96 | W | 2016 |
| Electrical Engineering | Garuma Abdisa, Irfan Ahmed, Xiuxiu Wang, Zongchen Liu, Hongxing Wang, and Yanpeng Zhang | Controllable hybrid shape of correlation and squeezing | PHYSICAL REVIEW A | 94 | | 2.76 | W | 2016 |
| Electrical Engineering | Yunzhe Zhang; Irfan Ahmed; Dan Zhang; Zhe Liu; Weitao Zhang; Wenhui Yi; Yanpeng Zhang | Phase Control of Optical Nonreciprocity in Photonic Bandgap Four-Wave Mixing | IEEE Photonics Journal | 8 | 3 | 2.2 | W | 2016 |
| Electrical Engineering | Feng Wen, Zhaoyang Zhang, Irfan Ahmed, Zepei Li, Hongxing Wang, Zongchen Liu, Hong Gao and Yanpeng Zhang | Second-order self-imaging with parametric amplification four-wave mixing | Laser Physics Letters | 13 | 7 | 2.39 | W | 2016 |
| Electrical Engineering | Zhaoyang Zhang, Haijun Tang, Irfan Ahmed, Noor Ahmed, Ghulam Abbas Khan, Abdul Rasheed Mahesar, and Yanpeng Zhang | Controlling Rydberg-dressed four-wave mixing via dual electromagnetically induced transparency windows | Journal of the Optical Society of America B | 33 | 8 | 1.73 | W | 2016 |
| Electrical Engineering | Changbiao Li, Zihai Jiang, Xiuxiu Wang, Irfan Ahmed, Faizan Raza, Yiheng Yang, Yanpeng Zhang | Polarization controlled intensity noise correlation and squeezing of four-wave mixing processes in rubidium vapor | Optical Materials | 55 | | 2.18 | W | 2016 |
| Electrical Engineering | Junaid Ahmed Bhatti & Madad Ali Shah | Single Image Super-Resolution by Directionally Structured Coupled Dictionary Learning | EURASIP Journal on Image and Video Processing | | | 1.06 | W | 2016 |
| Electrical Engineering | Bhajan Lal, Ammarah Kanwal, Safdar Ali, Shafiq ullah, Amin Badshah, Altaf Ali Altaf, Fiaz Ahmed, Ramsha Raza | Effect of Synthesis Procedures on Physical and Electrochemical Properties of Carbon Supported Pt/Ru Nanophase Electrocatalyst for Fuel Cell Applications | International Jouranl of Electrochemical Science | | | 1.69 | W | |
| Electrical Engineering | Saira Fatima, Amin Badshah, Bhajan Lal, Faiza Asghar, Muhammad Nawaz Tahir, Afzal Shah, Imdad Ullah | Study of new ferrocene-based thioureas as potential nonionic surfactants | Journal of Organometallic Chemistry | 819 | | 2.33 | W | 2016 |
| Electrical Engineering | Ali Hassan Sodhro, Ye Li, Madad Ali Shah | Green and friendly media transmission algorithms for wireless body sensor networks | Multimedia Tools and Applications | | | 1.33 | W | 2016 |
| Electrical Engineering | Sunny Katyara, Madad Ali Shah, Shehnila Zardari, Bhawani Shankar Chowdhry, Wanod Kumar | WSN Based Smart Control and Remote Field Monitoring of Pakistan's Irrigation System Using SCADA Applications | Wireless Personal Communications | | | 0.70 | W | 2016 |
| Electrical Engineering | Sunny Katyara, Jan Izykowski, Bhawani Shankar Chowdhry, Hyder Abbas Musavi, Rashid Hussain | WSN-based monitoring and fault detection over a medium-voltage power line using two-end synchronized method | Electrical Engineering | | | 0.66 | W | 2016 |

| Department | Authors | Title | Journal | Vol. | No. | IF | Cat. | Year |
|---|---|---|---|---|---|---|---|---|
| Electrical Engineering | Abdul Qadir, Nurlybek A. Ispulov and Tanat G. Kissikov | The Analytical Form Of The Dispersion Equation Of Elastic Waves In Periodically Inhomogeneous Medium Of Different Classes Of Crystals | Advances in Mathematical Physics | | | 0.78 | W | 2016 |
| Electrical Engineering | Saeed Ahmed Khan, Hu Lin Zhang, Yuhang Xie, Min Gao, Madad Ali Shah, Abdul Qadir and Yuan Lin | Flexible Triboelectric Nanogenerator Based on Carbon Nanotubes for Self-Powered Weighing | ADVANCED ENGINEERING MATERIALS | | | 1.75 | W | 2016 |
| Electrical Engineering | Minda Zoua, Fei Yanga, Kechun Wena, Weiqiang Lva, Muhammad Waqasa, Weidong He | Ionic conductivity evolution at strained crystal interfaces in solid oxide fuel cells (SOFCs) | International Journal of Hydrogen Energy | 41 | 47 | 3.20 | W | 2016 |
| Mathematics | Victoria Gould, Rida-E-Zenab | Restriction semigroups and λλ-Zappa-Szép products | Periodica Mathematica Hungarica | 73 | 2 | 0.28 | W | 2016 |
| Business Administration | Chong Hui Ling, Khalid Ahmed, Rusnah Binti Muhammad & Muhammad Shahbaz | Decomposing the trade-environment nexus for Malaysia: what do the technique, scale, composition, and comparative advantage effect indicate? | Environmental Science and Pollution Research | 22 | 24 | 2.82 | W | 2015 |
| Business Administration | Khalid Ahmed, Muhammad Shahbaz, Ahmer Qasim, Wei Long | The linkages between deforestation, energy and growth for environmental degradation in Pakistan | Ecological Indicators | 49 | | 3.19 | W | 2015 |
| Business Administration | Chong Hui Ling, Khalid Ahmed, Rusnah Muhamad, Muhammad Shahbaz, and Nanthakumar Loganathan | Testing the Social Cost of Rapid Economic Development in Malaysia: The Effect of Trade on Life Expectancy | Social Indicators Research | | | 1.4 | W | 2015 |
| Computer Science | Tibor Bosse • Rob Duell • Zulfiqar A. Memon • Jan Treur • C. Natalie van der Wal | Agent-Based Modeling of Emotion Contagion in Groups | Cognitive Computation | 7 | 1 | 1.44 | W | 2015 |
| Electrical Engineering | Bhajan Lal, A. Badshah, A.A. Altaf, S. Hussain, J. Patujo, S. Kamal, S. Ullah, F. Huq | Studies on the synthesis, Characterization, DNA Binding, Cytotoxicity and Antioxidant activiti y 2-methyl-4-nitropheny forrcene | Journal of the Chemical Society of Pakistan | 37 | 4 | 0.34 | W | 2015 |
| Electrical Engineering | Irfan Ahmed, Zheng Liu, Yan Pan, Changbiao Li, Imran Ali Metlo, Haixia Chen, Ruimin Wang, and Yanpeng Zhang | Dressed intensity noise correlation and intensity-difference squeezing of spontaneous parametric four-wave mixing process in a YSO crystal | Optics Express | 23 | 14 | 3.48 | W | 2015 |
| Electrical Engineering | Bhajan Lal*, M. Ayaz, A. Badshah, A. A. Altaf, S. Kamal, S. Ali, Imtiaz-ud-Din, A. Shah | Synthesis and Chemical Characterization and DNA Binding of Ferrocene based Ureas | Journal of The Chemical Society of Pakistan | 37 | 5 | 0.34 | W | 2015 |
| Electrical Engineering | Raja Azadar Hussain, Amin Badshah, Malik Dilshad Khan, Naghma Haider, Bhajan lal, Syed Ishtiaq Khan, Afzal Shah | Comparative temperature and surfactants effect on the morphologies of FeSe thin films fabricated by AACVD from a single source precursor with mechanism and photocatalytic activity | Materials Chemistry and Physics | 159 | | 2.50 | W | 2015 |
| Mathematics | Waseem Asghar Khan, Khalida Inayat Noor, Kaleemulah Bhatti, Faryal Aijaz Ansari | A new fourth order Newton-type method for solution of system of nonlinear equations | Applied Mathematicand Computations | 270 | | 1.56 | W | 2015 |

## ISI Indexed (Web of Sciences) Non-Impact Factor Publications

| Department | Authors | Title | Journal | Vol. | No. | Cat. | Year |
|---|---|---|---|---|---|---|---|
| Electrical Engineering | Ataf Ali Altaf, Uzma Hashmat, Muhammad Yousaf,Bhajan Lal, Shafiq Ullah, Alvin A. Holder and Amin Badshah4 | Synthesis and characterization of azo-guanidine based alcoholic media naked eye DNA sensor | ROYAL SOCIETY OPEN SCIENCE | 3 | 11 | W | 2016 |
| Computer Science | Najeed Ahmed Khan, M. Ajmal Sawand, Marium Hai, Arwa Khuzema, and Mehak Tariq | Real Time Monitoring of Human Body Vital Signs using Bluetooth and WLAN | International Journal of Advanced Computer Science and Applications (IJACSA) | 7 | 10 | W | 2016 |
| English | Abdul Saeed, Sajid Hussain, Surhan Fatima | Prepositional Errors in Writings of Pakistani ESL Students | International Journal of English Linguistics | 5 | 3 | W | 2015 |
| Education | Irfan Ahmed Rind | Gender identities and female students' learning experiences in studying English as Second Language at a Pakistani University | Cogent Education | 2 | 1 | W | 2015 |
| Electrical Engineering | Nadir Mustafa, Jiang Ping Li, Saeed Ahmed Khan, Mohaned Giess | Medical Image De-Noising Schemes using Wavelet Transform with Fixed form Thresholding | International Journal of Advanced Computer Science and Applications | 6 | 10 | W | 2015 |

## HEC Recognized (X & Y) Category Journal Publications

| Department | Authors | Title | Journal | Vol. | No. | Cat. | Year |
|---|---|---|---|---|---|---|---|
| Business Administration | Khuda Bakhsh, Waqar Akram, Agha Jahanzeb And Muhammad Khan* | Estimating Productivity of BT Cotton and its Impact on Pesticide use In Punjab (Pakistan) | Pakistan Economic and Social Review | 54 | 1 | X | 2016 |
| Business Administration | Waqar Akram, Syedah Shan, Suman Shaikh, Ubedullah Yashkun | Determinants of Microfinance Institutions' Efficiency in South Asia during Financial Crisis: A Two-Stage Analysis | Pakistan Journal of Scoial Sciences | 36 | 2 | Y | 2016 |
| Computer Science | A. Waqas, A. R. Gilal, M. Memon, H.A. M. Malik, M. Karbasi, B. R. Memon | Modeling and Analysis of Search Interests for Viral Videos in YouTube: A Case Study | Sindh University Research Journal (Science Series) | 48 | 2 | X | 2016 |
| Computer Science | H.A. M. Malik, A. Waqas, F. Abid, A. R. Gilal, A. W. Mahessar, Y. Koondar | Complex Network of Dengue Epidemic and Link Prediction | Sindh University Research Journal (Science Series) | 48 | 4 | X | 2016 |
| Computer Science | A. Waqas, A. R. Gilal, M. Memon, H.A. M. Malik, M. Karbasi, B. R. Memon | Modeling and Analysis of Search Interests for Viral Videos in YouTube: A Case Study | Sindh University Research Journal (Science Series) | 48 | 2 | X | 2016 |
| Computer Science | H. A. M. Malik, A. Waqas, F. Abid, A. R. Gilal, A. W. Mahessar, Y. Koondar | Complex Network of Dengue Epidemic and Link Prediction | Sindh University Research Journal (Science Series) | 48 | 4 | X | 2016 |
| Electrical Engineering | A. K. Juseja++, M. A. Shah*, S. A. Soomro** | Development of AMI for Efficient Distribution and Control of Electrical Energy for Smart Grid | Sindh University Research Journal | 48 | 2 | X | 2016 |
| Electrical Engineering | K. H. Mangi, K. Qureshi, F. H. Mangi, I. Bhatti | Development of indigenous Bio-coagulant for Turbidity Removal | Sindh University Research Journal (Sciences Journal) | 48 | 3 | X | 2016 |
| Electrical Engineering | A. M. Soomro, M. A. Shah, A. P. Memon, S. Abro, S. A. Soomro | Performance Assessment of Thyristor Controlled Series Compensator Considering Various Circuit Parameters Using Voltage and Current Steady-State Equations on Simulink | Sindh University Research Journal (Sciences Series) | 48 | 4 | X | 2016 |
| Electrical Engineering | K. H. Mangi, K. Qureshi, F. H Mangi, I. Bhatti | Development of indigenous Bio-coagulant for Turbidity Removal | Sindh University Research Journal (Science Series) | 48 | 3 | X | 2016 |
| Electrical Engineering | Ronak Ali, Madad Ali Shah and Khawaja Haider Ali | Raised Soundness and Production of Single Axis Tracker with Fixed Mount and Cost depletion with Relative Investigation of PV Technologies | Bahria University Journal of Information & Communication Technology | 9 | 1 | Y | 2016 |
| Electrical Engineering | M. Shahzad Bajwa, Aslam. Pervez Memon, Jamshed A. Ansari and M.Tarique Bhatti | An Experimental Investigation Based On Mathematical and Software Modeling Of Total Harmonic Distortion in Personal Computer | Bahria University Journal of Information & Communication Technologies | 9 | 1 | Y | 2016 |
| Electrical Engineering | S. Katyara, M.A. Shah, B.S. Chowdhary | Identification of Power Losses in High and Low Tension Distribution Systems in Pakistan | Bahria University Journal of Information & Communication Technology (BUJICT) | 9 | SI | Y | 2016 |
| Mathematics | S. RAJPER, N. H. GHUMRO, N. A. SHAIKH | The Impact of Online Lecture Delivery Methods on Various Learning Styles in E-Learning System: A Comparative Study | Sindh University Research Journal | 48 | 1 | X | 2016 |

| Department | Authors | Title | Journal | Vol. | No. | Cat. | Year |
|---|---|---|---|---|---|---|---|
| Business Administration | Sumaira Channa, Pervaiz Ahmed Memon, Muhammad Ramzan Kalhoro | Co-Integration between Stock Prices and Exchange Rate of Selected SAARC Countries: An Empirical Study | Sukkur IBA Journal of Management and Business | 3 | 1 | Z | 2016 |
| Computer Science | Waheed ur Rehman, Asadullah Laghari, Zulfiqar A. Memon | Exploiting Smart Phone Accelerometer as a Personal Identification Mechanism | Mehran University Research Journal of Engineering and Technology | 35 | SI | X | 2015 |
| Electrical Engineering | Intikhab Hussain 2.Fida Hussain Memon 3.Farooq Ahmed Tahir | A Beam-Steerable Micro Strip Reflectarray Antenna using Variable Length Slot Technique | Mehran University Research Journal of Engineering and Technology | 34 | 1 | X | 2015 |
| Electrical Engineering | Jamshed.A.Ansari, Aslam. P. Memon and Madad Ali Shah | Probabilistic Feedforward Neural Network Based Power System Stabilizer for Excitation Control System of Synchronous Generator | Bahria University Journal of Information and Communication Technologies | 8 | 2 | Y | 2015 |
| Electrical Engineering | A.M Soomro and M.A Shah | Higher Order MIMO System Capacity Assessment using Singular Value Decomposition while considering Power constraint problem | Bahria University Journal of Information and Communication Technologies | 8 | 2 | Y | 2015 |
| Electrical Engineering | Muhammad Waqas, Najeeb-ur-Rehman, Kashif Hussain, Rameez Akbar Talani, Jasmshed A. Ansari | Power Flow Enhancement of 220 KV Transmission Line with Unified Power Flow Controller | Quaid-e-Awam University Research Journal of Engineering, Science & Technology | 14 | 2 | Y | 2015 |
| Electrical Engineering | Nanik Ram Parhyar*, Madad Ali Shah*, Mir Mohammad Lodro* | Simulation And Mathematical Modelling of Power Line Communication Channel For High Data Transfer Rate | Quaid-e-awam University Research Journal of Engineering, Science & Technology | 14 | 2 | Y | 2015 |
| Electrical Engineering | S. Nazir++, S. Shahzad, Q.U.A. Nizamani**, R. Amin* M. A. Shah, A. Keerio | Identifying Software Features as Birthmark | Sindh University Research Journal (Science Series) | 47 | 3 | X | 2015 |
| Islamic Studies | Dr. Hafiz Muhammad Khalid Shafi | Caliphate and Democracy: Results & Consequences | Al-Baseera | 4 | 7 | Y | 2015 |
| Business Administration | Dr. Pervaiz Ahmed Memon, Niaz Hussain Ghumro | Determinants of Inflation: Evidence from Pakistan using Autoregressive Distributed Lagged Approach | Sukkur IBA Journal of Management and Business (SIJMB) | 2 | 1 | Z | 2015 |
| Business Administration | Rafique Ahmed Khuhro, Niaz Ahmed Bhutto, Irshad Hussain Sarki | Failure of Brand Intoxication with the Mediating Effect of Ad Skepticism | Sukkur IBA Journal of Management and Business (SIJMB) | 2 | 1 | Z | 2015 |
| Business Administration | Syed Mir Muhammad Shah, Dr. Kamal Bin Ab. Hamid | Transactional Leadership and Job Performance: An Empirical Investigation | Sukkur IBA Journal of Management and Business (SIJMB) | 2 | 2 | Z | 2015 |

## International Journal Publications

| Department | Authors | Title | Journal | Vol. | No. | Cat. | Year |
|---|---|---|---|---|---|---|---|
| Business Administration | N. H.Ghumro, S. Rajper, P.A. Memon | Causality between Tax Revenue and Expenditure in case of Pakistan through Toda Yamamoto Methodology | Asian Journal of Multidisciplinary Studies | 4 | 6 | Z | 2016 |
| Business Administration | Waheed Ali Umrani, Abdul Khaliq Doudpota and Umair Ahmed | ICON Stores: Managing a New Business Venture | Emerald Emerging Markets Case Studies | 6 | 1 | Z | 2016 |
| Business Administration | Talat Afza, Khalid Ahmed, Muhammad Shahbaz | Does Harberger–Laursen–Metzler (HLM) Exist in Pakistan? Cointegration, Causality and Forecast Error Variance Decomposition Tests | Global Business Review | 17 | 4 | Z | 2016 |
| Business Administration | Munwar Hussain Pahi, Syed Mir Muhammad Shah, Umair Ahmed, Waheed Ali Umrani | Investigating the Issue of Nurse Job Satisfaction: Role of Esprit De Corps, Task Significance, Self-Efficacy and Resilience: A Case Study | International Journal of Academic Research in Business and Social Sciences | 6 | 6 | Z | 2016 |
| Business Administration | Syed Mir Muhammad Shah, Kamal Bin Ab. Hamid, Pervaiz Ahmed Memon, Manzoor Ali Mirani | The Relationship between Transformational Leadership and Organizational Citizenship Behavior: An Empirical Evidence from the Banking Sector of Pakistan | The International Journal of Business & Management | 4 | 2 | Z | 2016 |
| Business Administration | Syed Mir Muhammad Shah, Dr. Kamal Bin Ab. Hamid | Moderating Role of Performance Appraisal Politics on Transformational Leadership and Job Performance: A Proposed Framework | Journal for Studies in Management and Planning | 2 | 1 | Z | 2016 |
| Business Administration | Suwandi, Agha Jahanzeb, Saqib Muneer | Assessing the Default Prediction using Logistic Regression | Science International | 28 | 3 | Z | 2016 |
| Business Administration | Agha Jahanzeb, Syedhossein NasImosavi, Pervaiz Ahmed Memon | Financial Distress Forecasting of Non-Financial Firms: A Case of Pakistan | Science International | 28 | 3 | Z | 2016 |
| Business Administration | Niaz Hussain Ghumro, Mohd ZainiAbd Karim | Does Financial Liberalization Contribute in the Stability of Money Demand: Empirical Evidence from Pakistan | Scholars Journal of Economics, Business and Management | 3 | 2 | Z | 2016 |
| Business Administration | Nabeel Nisar, Muhammad Muzamil Sattar, Ubedullah Memon, Ali Raza | New Wella Salon: Exploring Growth Opportunities (A) | Case Studies in Business and Management | 3 | 2 | Z | 2016 |
| Business Administration | Dr. Altaf Hussain Samo | Entrepreneurial Alertness among Business School Students | International Journal of Humanities & Social Science Studies | 3 | 1 | Z | 2016 |
| Business Administration | Altaf Hussain, Syed Mir Mohammad Shah and Pervaiz Ahmed Memon | Impact of Entrepreneurial Education on Entrepreneurial Alertness | Journal of Social and Organizational Analysis | 2 | 1 | Z | 2016 |
| Business Administration | Altaf Hussain Samo, Norashidah Hashim | The Impact of Entrepreneurial Alertness on Entrepreneurial Intentions | Journal of International Business Research and Marketing | 1 | 6 | Z | 2016 |
| Business Administration | Agha Jahanzeb, Pervaiz Ahmed Memon, Javed Ali Tunio, Syed Saeed Abbas Shah | Impact of Corporate Governance and Firm-Level Control Variables on Dividend Policy of Service Trade Sector of Malaysia | Journal of Economic and Social Development | 3 | 2 | Z | 2016 |

| Department | Authors | Title | Journal | Vol. | No. | Cat. | Year |
|---|---|---|---|---|---|---|---|
| Business Administration | Seyed hossein NasImosavi, Agha Jahanzeb | The mediating role of human capital on the relationship between audit firm size and independent auditor's opinion: evidence from Iranian audit firms | International Journal of Accounting and Economics Studies | 4 | 2 | Z | 2016 |
| Computer Science | Jamil Ahmed, M. Abdul Rahman | Intelligent Diagnostic System for Papillary Thyroid Carcinoma | Journal of Applied Environmental and Biological Sciences | 6 | 3 | Z | 2016 |
| Education | Irfan Ahmed Rind | How Newly Appointed ESL Teachers' Beliefs Are Translated Into Their Pedagogic Strategies | International Journal of Research & Method in Education | 6 | 1 | Z | 2016 |
| Education | Irfan Ahmed Rind1* and Laila Kadiwal2 | Analysing institutional influences on teaching–learning practices of English as second language programme in a Pakistani university | Cogent Education | 3 | 1 | Z | 2016 |
| Education | Irfan Ahmed Rind | Conceptualizing students' learning experiences in English as second language in higher education from structure and agency | Cogent Social Sciences | 2 | | Z | 2016 |
| Education | Zafarullah Sahito, & Pertti Vaisanen | Dimensions of Job satisfaction of Teacher Educators: A Qualitative Study of the Universities of Sindh Province of Pakistan | Journal of Curriculum and Teaching | 5 | 2 | Z | 2016 |
| Computer Science | Dr. Qamaruddin Khand, Ali Raza Barkat | Smart Water Distribution for Irrigation System (SWDIS) | International Journal of Innovative Technology and Exploring Engineering (IJITEE) | 5 | 4 | Z | 2015 |
| Business Administration | Memon, P. A., Rus, R. B. M., & Ghazali, Z. B | Firm and Macroeconomic Determinants of Debt: Pakistan Evidence | Procedia-Social and Behavioral Sciences | 172 | | B | 2015 |
| English | Abdul Saeed, Sajid Hussain, Surhan Fatima | Prepositional Errors in Writings of Pakistani ESL Students | International Journal of English Linguistics | 5 | 3 | Z | 2015 |
| Education | Irfan Ahmed Rind | Gender identities and female students' learning experiences in studying English as Second Language at a Pakistani University | Cogent Education | 2 | 1 | Z | 2015 |
| Mathematics | Sidrah Ahmed1, Faqir Shah2 & Nadeem Salamat2 | Aproximate Solution for a Coupled System of Differential Equations Arising from a Thermal Ignition Problem | International Journal of Research and Reviews in Applied Sciences | 22 | 3 | Z | 2015 |
| Electrical Engineering | Kamlesh Kumar, Jian- Ping Li, Saeed Ahmed Khan | Comparative Study on Various Edge Detection Techniques for 2-D Image | International Journal of Computer Applications | 119 | 22 | Z | 2015 |
| Business Administration | Altaf Hussain, Dr. Norashidah | Impact of Entrepreneurial Education on Entrepreneurial Intentions of Pakistani Students | Journal of Entrepreneurship and Business Innovation | 2 | 1 | Z | 2015 |

| Department | Authors | Title | Journal | Vol. | No. | Cat. | Year |
|---|---|---|---|---|---|---|---|
| Education | Shahid Hussain Mughal | An Action Research to Facilitate Science Teacher Educator in Infusing Environment Education Themes | International Journal of Academic Research in Business and Social Sciences | 5 | 8 | Z | 2015 |
| Electrical Engineering | Waqas Ahmed & Fayaz Hussin | Windows Phone App Based Real Time Tracking of Smart Parking System | International Journal of Engineering Research and General Science | 3 | 6 | Z | 2015 |
| Business Administration | Waheed Ali Umrani; Rosli Mahmood | Examining the Dimensions of Corporate Entrepreneurship Construct: A Validation Study in the Pakistani Banking Context | Mediterranean Journal of Social Sciences | 6 | 6 | Z | 2015 |
| Business Administration | Muhammad Ali Asadullah, Jean Marie Peretti, Arain Ghulam Ali, Marina Bourgain | Firm size, ownership, training duration and training evaluation practices | European Journal of Training and Development | 39 | 5 | Z | 2015 |
| Business Administration | Pervaiz A. Memon, Dr. Rohani BT Md Rus & Dr. Zahiruddin B. Ghazali | Dynamism of Capital Structure: Evidence from Pakistan | Journal of International Business and Economics | 3 | 1 | Z | 2015 |
| Business Administration | Dr. Kamran Ahmed Siddiqui, Mazhar Ali, Irshad Hussain Sarki, Rafique Ahmed Khuhro | Telecom Branding in Pakistan: Network Coverage or Value Added Services | Academic Journal of Research in Economics and Management | 3 | 3 | Z | 2015 |
| Mathematics | Waseem Asghar Khan, Muhammad Aslam Noor, Adnan Rauf | Second Derivatives Free Fourth-Order Iterative Method Solving for Nonlinear Equation | Applied Mathematics | 5 | 1 | Z | |
| Business Administration | Iram Yasmin, Zakir Hussain, Waqar Akram, Nazia Yasmin | Bi-directional Causality Between Remittances and Poverty: An Empirical Evidence From Pakistan | Journal of Economics and Sustainable Development | 6 | 24 | Z | 2015 |

## National Journal Publication

| Department | Authors | Title | Journal | Vol. | No. | Cat. | Year |
|---|---|---|---|---|---|---|---|
| Education | Irfan Ahmed Rind, Ambreen Shahriar, Surhan Fatima | Rural-Ethnic Identities & Students' Learning Experiences In English As Second Language Programme In A Public Sector University Of Pakistan | The Sindh University Journal of Education | 45 | 1 | Z | 2016 |
| Education | Dr. Shahid Hussain Mughal | Analysis of Head Teachers' Professional Role in Relation to Quality Improvement Initiatives at Primary Level | The Sindh University Journal of Education | 44 | 1 | Z | 2015 |

## Conference Publications / Presentations

| Presenter(s) | Department | Authors | Title of | Conference | Status | Venue | Year |
|---|---|---|---|---|---|---|---|
| Waheed Ali Umrani | Business Administration | Waheed Ali Umrani, Ubedullah Memon | Managing Faculty Performance at the Sukkur IBA | Internationalizing the Asian Businesses | International | Dubai, UAE | 2016 |
| Ms. Sapna Bai | Business Administration | Sapna Bai; Zulfiqar Ali Chachar | From Dream to Reality (Mr. Nisar Ahmed Siddiqui) | Internationalizing the Asian Businesses | International | Dubai, UAE | 2016 |
| Ubedullah Memon | Business Administration | Ubedullah Memon, Ali Raza, Nabeel Nisar | Human Resource Planning at Sukkur IBA | Internationalizing the Asian Businesses | International | Dubai, UAE | 2016 |
| Niaz Ahmed Ghumro Mulazim Ali | Business Administration | Bisharat Hussain, Niaz Ahmed and Mulazim Ali | Dynamic Analysis of the Relationship between Stock Returns and Macroeconomic Variables: An Empirical Study of Karachi Stock Exchange | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Ume Salma and Agha Jahanzeb | Business Administration | Ume Salma and Agha Jahanzeb | Predictability of stock returns using financial ratios in the companies listed in Karachi Stock Exchange | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Abdul Qadeer, Muhammad Muzamil, Priya Agha Jahanzeb | Business Administration | Abdul Qadeer, Muhammad Muzamil, Priya Agha Jahanzeb | Impact of Different Factors in Creation of Word of Mouth at Restaurant Industry of Pakistan | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Aneel Kumar, Khalil Ahmed Channa and Niaz Ahmed Bhutto | Business Administration | Aneel Kumar, Khalil Ahmed Channa and Niaz Ahmed Bhutto | Supervisory Support as Moderator between Work Family Conflict and Turnover Intention | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Irfan Ali Shah, Abdul Hakeem Arian and Zulfikar Ali Jumani | Business Administration | Irfan Ali Shah, Abdul Hakeem Arian and Zulfikar Ali Jumani | Mediating role of experiential value between Experiential Marketing and Customer Satisfaction | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Bisharat Hussain, Suresh Rajput and Pervaiz Ahmed | Business Administration | Bisharat Hussain, Suresh Rajput and Pervaiz Ahmed | Does Gold Act as a Hedge, or Safe Heaven against Exchange Rate, Oil, and Stock Returns Risk in Context of Pakistan? | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Walliullah Phulpoto, Abdul Samad Shaikhand Waheed Ali Umrani | Business Administration | Walliullah Phulpoto, Abdul Samad Shaikhand Waheed Ali Umrani | The effects of organizational training on organizational commitment (The Case study of Banking Sector in Karachi-Pakistan) | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Mubeena Soomro, Prinka Lalwani and Pirah Jokhiyo | Business Administration | Mubeena Soomro, Prinka Lalwani and Pirah Jokhiyo | The Impact of Quality on Brand Loyalty: A Study of Quick Service Restaurants | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |

| Presenter(s) | Department | Authors | Title of | Conference | Status | Venue | Year |
|---|---|---|---|---|---|---|---|
| Ume Salma Imran, Agha Jahanzeb & Niaz Ahmed Bhutto | Business Administration | Ume Salma Imran, Agha Jahanzeb & Niaz Ahmed Bhutto | Causal Relationship between Stock Returns and Trading Volume; Evidence from Asian Stock Markets | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Ume Salma Akbar, Sumaira Channa & Agha Jahanzeb | Business Administration | Ume Salma Akbar, Sumaira Channa & Agha Jahanzeb | Weak form Market Efficiency: Evidence from Developing and Emerging World | 1st International Conference on Business, Economics & Education Management - ICBEM | International | Sukkur IBA, Pakistan | 2016 |
| Dr. Altaf Hussain Samo | Business Administration | Altaf Hussain and Dr. Norashidah Hashim | Gender Entrepreneurial Intentions: A Developing Countries Perspective | 61st International Council of Small Business* ICSB 2016 | International | ICSB U.S.A | 2016 |
| Agha Jahanzeb | Business Administration | Agha Jahanzeb, Seyed Hossein Naslmosavi, Pervaiz Ahmed Memon, Waqar Akram | Determinants of Capital Structure among Pakistani Textile Firms: Dynamic Panel Data Estimation | International Conference on Innovation and Emerging Trends in Business Management | International | IQRA University, Pakistan | 2016 |
| Dr. Waqar Akram | Business Administration | Waqar Akram, Sheda Henebe | Consumption Patterns of Urban Punjab of Pakistan: Evidence from HIES 2013-14 | Agriculture & Applied Economics Association Annual Meetings 2016 | International | AAEA, Boston USA | 2016 |
| Raheel Ahmed Memon | Computer Science | Raheel Memon, Irshad Nazeer | Extended Superblock Flash Translation Layer for NAND Flash Memory | International Conference on Emerging Trends in Science and Technology | International | IQRA University, Karachi Pakistan | 2016 |
| Ghulam Mujtaba Shaikh | Computer Science | Ghulam Mujtaba, Dr. Liyana Shuib, Dr. Ram Gopal Raj, Dr. Retnagowri Rajandram, Dr. Khairunisa Shaikh | Automatic Text Classification of ICD-10 Related CoD from Complex and Free Text Forensic Autopsy Reports | 15th International Conference on Machine Learning and Application | International | Anaheim California, USA | 2016 |
| Paras Qadir Memon | Computer Science | Paras Qadir, Seut-Peng Yong, William Pao and Abdul Rehman | Surrogate Reservoir Model for Average Reservoir Pressure | SAI Intelligent Systems Conference 2016 - IntelliSys 2016 | International | ExCeL London, United Kingdom London, UK | 2016 |
| Dr. Abdul Qadir Rahimoon | Electrical Engineering | Dr. Abdul Qadir, Kashif Hussain Memon | Simulation Techniques for Porous Media Confined in Silo Geometry | 4th International Conference on Nano and Materials Science (ICNMS 2016) | International | New York, USA | 2016 |
| Dr. Abdul Qadir Rahimoon | Electrical Engineering | Aftab Ali Rahimoon, Abdul Qadir, Kashif Hussain Memon | The Energy Crises in Pakistan –Power Generation From Coal-A Major Option | 2nd International Conference on Robotics and Artificial Intelligence | International | Los Angeles, USA | 2016 |
| Dr. Arslan Ahmed | Electrical Engineering | Arslan Ahmed, Rajesh Tiwari, Madad Ali Shah and Jiachen Yin | GPS Receiver Phase Jitter during Ionospheric Scintillation | IEEE 7th International Conference on Mechanical and Aerospace Engineering (ICMAE) | International | London | 2016 |

| Presenter(s) | Department | Authors | Title of | Conference | Status | Venue | Year |
|---|---|---|---|---|---|---|---|
| Dr. Muhammad Asim Ali Samejo | Electrical Engineering | Muhammad Asim Ali, Wanod Kumar, Muhammad Arif | OFDM Receiver Design in the Presence of Both Tx and Rx IQ Imbalance Over Frequency Selective Channels | IEEE Sixth International Conference of Communication and Electronics | International | Hanoi University of Science and Technology, Han Long, Veitnam | 2016 |
| Prof. Dr. Madad Ali Shah | Electrical Engineering | Sunny Katyara, Madad Ali Shah, Bhawani Shankar Chowdhary | WSN Based Smart Control and Remote Field Monitoring of Pakistan's Irrigation System Using SCADA Applications | Global Conference on Wireless and Optical Communications | International | University of Malaga, Spain | 2016 |
| Dr. Bhajan Lal | Electrical Engineering | Bhajan Lal | Studies on Physical and Electrochemical Modifications of the Carbon Supported Pt/Ru Electrocatalyst Induced By Different Synthetic Methodology For Fuel Cell Applications | American Chemical Society (ACS) 251st National Meeting and Exposition | International | San Diego, California, USA | 2016 |
| Mir Muhammad Lodro | Electrical Engineering | Mir Muhammad Lodro | A Short Review on Progress for 5G mmWave Cellular Communication Networks | International Conference on Emerging Trends in Engineering, Sciences and Technology | International | IQRA University, Karachi Pakistan | 2016 |
| Dr. Bhajan Lal | Electrical Engineering | | Characterizations of newly Fabricated Composite Materials based on Organoclay Incorporated Polymeric Matrix | 3rd International Conference on Chemical and Material Engineering | International | Jeju Islan, Republic of Korea | 2016 |
| Jahangeer Badar Soomro | Electrical Engineering | Jahangeer B. Soomro, Tayab Din Memon | Design and Analysis of Single Phase Voltage Source Inverter Using Unipolar and Bipolar Pulse Width Modulation Techniques | International Conference on Advances in Electrical, Electronic and Systems Engineering (ICAEESE 2016) | International | Putrajaya Marriott Hotel, Putrajaya, Malaysia | 2016 |
| Dr. Javed Hussain Birohi | Mathematics | Javed Hussain | Large Deviation Principle for heat equation on Hilbert Manifold | 17th International Pure Mathematics Conference | International | Margalla Hotel, Islamabad, Pakistan | 2016 |
| Ubaidullah Yashkun | Mathematics | | Finite Difference Method with Dirichlet Problems of 2nd Laplace's Equation in Elliptic Domain | 10th National Conference on Mathematics, Computer Science & Statistics (MCS 10) | National | Institute of Business Management – IoBM, Karachi | 2016 |
| Dr. Sher Muhammad Daudpota | Quality Enhancement Cell - QEC | Atta Muhammad and Sher Muhammad Daudpota | Content Based Identification of Talk Show Videos Using Audio Visual Features | 12th International Conference on Machine Learning and Data Mining | International | Institute of Computer Vision and Applied Computer Science, New York, USA | 2016 |

| Presenter(s) | Department | Authors | Title of | Conference | Status | Venue | Year |
|---|---|---|---|---|---|---|---|
| Dr. Agha Jahanzeb | Business Administration | Agha Jahanzeb, Pervaiz Ahmed Memon, Javed Ali Tunio | Dynamic Panel Data Estimation of Determinants of Capital Structure of Food Processing Industry in Pakistan | Business and Social Sciences Research Conference | International | Bangkok, Thailand | 2015 |
| Farah Qureshi | Business Administration | Farah Qureshi, Shabbir Ahmed Pasha, Dr. Niaz Ahmed Bhutto | Validity of Zero Beta Capital Asset Pricing Model on KSE | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Sapna Bai, Saira Sadaf | Business Administration | Sapna Bai, Saira Sadaf, Ubedullah Memon | Naveed Cloth Store: Expansion Decision | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Mehwish, Uroosa Jeelani | Business Administration | Mehwish, Uroosa Jeelani, Ghulam Ali Arain | Analyzing Pakistan's Development Patterns | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Hira Rani | Business Administration | Dr. Ghulam Ali Arain, Hira Rani, Aneel Kumar | Interplay of Trust & Distrust at Workplace: Examining the Effect of Psychological Contract Breach on Organizational Disidentification | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Aneel Kumar | Business Administration | Dr. Ghulam Ali Arain, Muhammad Ali Soomro, Aneel Kumar | Examining Ethical Leadership-Employee Performance Link: The Role of Relational Identification and Psychological Safety | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Sehrish Bukhari | Business Administration | Sehrish Bukhari, Ghulam Ali Arain | Should I speak when my organization meet my expectations better than my colleagues | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Gul Afshan Pathan | Business Administration | Gul Afshan Pathan | Where do I stand with my Leader as compared to my Colleague? Moderated mediating effect of LMXSC & LBSE on the relationship between LMX & Employee Behavior | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Junaid Mushtaque Soomro, Muhammad Sario, Najeebullah Mangi | Business Administration | Junaid Mushtaque Soomro, Muhammad Sario, Najeebullah Mangi | Impact of Service Employee Attributes on Customer Satisfaction | 5th International Conference on Business Management | International | IOBM, Karachi Pakistan | 2015 |
| Ubaidullah Alias Kashif Dayo | Computer Sciences (CS) | Ubaidullah Alias Kashif, Zulfiqar Ali Memon, Abdul Rasheed Balouch, Jamil Ahmed Chandio | Distributed Trust Protocol for IaaS Cloud Computing | 12th International Bhurban Conference on Applied Sciences & Technology (IBCAST) | International | Islamabad, Pakistan | 2015 |

# Research Projects & Consultancy Services

| Principal Investigator | PI Department | Co-Principal Investigator | CO-PI Department | Project/Consultancy Title | Funding Agency | Grant Amount in Million | Year |
|---|---|---|---|---|---|---|---|
| Dr. Shahid Hussain Mughal | Education | Dr. Pervaiz Ahmed Memon | Business Administration | Hand-Holding of Schools: Enhancing Access of Rural Girls Students to Higher Education | HEC | 988,000 | 2016 |
| Dr. Muhammad Asim Ali Samejo | Electrical Engineering | N/A | N/A | Up-gradation and Strengthening Research Lab PCB Fabrication Lab at Sukkur IBA under Institutional Strengthening Grant | HEC | 2,000,000 | 2016 |
| Dr. Fida Hussain Chang | Education | Dr. Pervaiz Ahmed Memon | ORIC | Carrying out Standardized Achievement Test Phase-V | Govt. of Sindh | 168,000,000 | 2016 |
| Waheed Ali Umrani | Business Administration | Dr. Pervaiz Ahmed Memon | Business Administration | Impact Assessment of Community Investment Fund (CIF) under union council based poverty reduction Program (UCBPRP) in Shikarpur, Kandhkot- Kashmore and Jacobabad districts | SRSO | 2,038,175 | 2015 |
| Prof. Nisar Ahmed Siddiqui | Sukkur IBA | Dr. Sher Muhammad Daudpota | QEC | Strengthening US & Pakistani Faculty Connections | U.S Department of State | 9,316,320 | 2015 |
| Dr. Khalid Ahmed | Business Administration | N/A | N/A | Why Brick Kilns Are The Major Source Of Brick Making In Pakistan? It's Environmental and Social Impacts and, what limits the Adoption of Alternate Approaches? | SANDEE | 97,750 | 2015 |
| Prof. Nisar Ahmed Siddiqui | Sukkur IBA | Dr. Fida Hussain Chang | Education | Carrying out Standardized Achievement Test Phase-IV | Education & Literacy Department, Government of Sindh | 185,001,048 | 2015 |
| Dr. Qamaruddin Khand | Computer Science | N/A | N/A | Awareness Campaign to Use Solar Tube Wells for Irrigation | HEC | 328,000 | 2015 |
| Dr. Zulfiqar Ali Memon | Computer Science | N/A | N/A | Up-gradation and Strengthening Research Lab at Physical System for Non-Communicable Disease under Institutional Strengthening Grant | HEC | 1,601,860 | 2015 |
| Dr. Khalid Ahmed | Business Administration | N/A | N/A | Assessing the Public Environmental Awareness in the Tharparkar Sindh: A Survey Study on Thar Coal Power Project | HEC | 3,516,650 | 2015 |

## ORIC Staff Participation in Conferences, Seminars, Workshops and Trainings

| Participant | Title | Date of Event | Organized by |
|---|---|---|---|
| Mr. Irfan Ali Memon | Data Analysis for Research Papers & Thesis | December 13-14, 2016 | Sukkur IBA |
| Mr. Muhammad Ramzan | Data Analysis for Research Papers & Thesis | December 13-14, 2016 | Sukkur IBA |
| Mr. Muhammad Asim | Data Analysis for Research Papers & Thesis | December 13-14, 2016 | Sukkur IBA |
| Mr. Irfan Ali Memon | Case Teaching & Case Writing | December 17-18, 2016 | Sukkur IBA |
| Mr. Muhammad Asim | Case Teaching & Case Writing | December 17-18, 2016 | Sukkur IBA |
| Mr. Irfan Ali Memon | Patent Development & Copyrights | August 26, 2016 | Intellectual Property Organization of Pakistan – IPO |
| Mr. Muhammad Asim | Supply Chain Management | May 28 – Aug 13, 2016 | Executive Development Center – Sukkur IBA |
| Mr. Muhammad Asim | Time Series & Panel Data Analysis using STATA | February 20, 2016 | ORIC Sukkur IBA |
| Mr. Muhammad Ramzan | Time Series & Panel Data Analysis using STATA | February 20, 2016 | ORIC Sukkur IBA |
| Mr. Irfan Ali Memon | Time Series & Panel Data Analysis using STATA | February 20, 2016 | ORIC Sukkur IBA |
| Dr. Pervaiz Ahmed Memon | Time Series & Panel Data Analysis using STATA | February 20, 2016 | ORIC Sukkur IBA |
| Dr. Pervaiz Ahmed Memom | Motivation and Performance | 3-4 September 2015 | Sukkur IBA & HEC |
| Dr. Pervaiz Ahmed Memom | Bloomberg Academic Certification | 28-29 September, 2015 | Bloomberg, LP, Dubai |
| Dr. Agha Jahanzeb | Training Workshop on Intellectual Property: Patent Drafting, Licensing and Valuation | 28-31 December, 2015 | Intellectual Property Organization of Pakistan – IPO |
| Mr. Ubedullah Khoso | Training Workshop on Intellectual Property: Patent Drafting, Licensing and Valuation | 28-31 December, 2015 | Intellectual Property Organization of Pakistan – IPO |
| Mr. Muhammad Ramzan | Managing for Development Results | April 28 – May 2, 2015 | Institute of Business Management – IOBM |
| Mr. Muhammad Ramzan | Practical use of SPSS & E-Views in Research Work | May 16, 2015 | ORIC Sukkur IBA |
| Mr. Irfan Ali Memon | Hackathon Business Plan Ideas Competition | October 15-17, 2015 | ORIC Sukkur IBA |
| Mr. Muhammad Ramzan | PAKISTAN's VISION 2025 | December 31, 2015 | Pakistan Planning Commission |

## Conferences, Seminars, Workshops, and Trainings Organized by ORIC

| Title of Event | Scope | Date of Event | Organized by |
|---|---|---|---|
| Data Analysis for Research Papers & Thesis | Workshop | December 13-14, 2016 | ORIC Sukkur IBA |
| Case Teaching & Case Writing | Workshop | December 17-18, 2016 | ORIC Sukkur IBA |
| Time Series & Panel Data Analysis using STATA | Workshop | February 20, 2016 | ORIC Sukkur IBA |
| Practical use of SPSS & E-Views in Research Work | Workshop | May 16, 2015 | ORIC Sukkur IBA |
| Hackathon Business Plan Ideas Competition | Competition | October 15-17, 2015 | ORIC Sukkur IBA |
| 1st International Conference on Business, Economics & Education Management - ICBEM | Conference | December 15- 16, 2016 | ORIC Sukkur IBA |
| 1st International Seminar on Agribusiness | Seminar | April 25 – 26, 2016 | ORIC Sukkur IBA |

# Quality Assurance

# Impact of Quality Assurance on the University

# Membership of Associations / Networks

# Accreditation of Programs from Relevant Councils

# Impact of Quality Assurance on the University

There is a significant impact of quality and its implications on higher education system. At institute level, quality is maintained by continuously enhancing academic standards. Besides, there is a visible impact on managerial aspects as well; particularly, in the quality of decision-making process, considering results of various evaluations for institutional planning, and in realizing the value of teaching as a core function of the institute which in turn is seen in new modes of assessing academic staff, addressing academic developments, and other similar aspects leading towards attainment of national and international accreditations.

## Quality Enhancement Cell (QEC)

The role of Quality Enhancement Cell (QEC) at Sukkur IBA is to monitor and enhance the existing academic processes, procedures and practices implemented within academic and administrative departments while keeping in view the mandate given by HEC and in conformity with the national and international quality assurance networks working across the globe. While keeping in view the best practices, QEC is striving to improve student learning experience by identifying weak areas for improvement. Some of the major achievements made by QEC are mentioned hereunder:

- Retaining the highest ranking "W" category awarded by QAA-HEC
- Completed twenty-seven SARs of various programs offered ranging from bachelor to doctoral level with multiple self- assessment cycles
- Implemented teacher evaluation by students through CMS in which students can submit their feedback online at their own convenience a fortnight prior to commencement of final examination
- Arranged/attended twenty national and international events viz. workshops, seminars, and conferences in various domains during the reported period i.e. 2015-16
- Effectively implemented Assurance of Learning (AoL) cycle on various programs offered in all five departments of Sukkur IBA

# Details of Seminars/Conferences/Workshops

As part of its regular activities, QEC Sukkur IBA arranges/attends different seminars, conferences and workshops from time to time for acquainting its faculty and staff with the emerging concept of quality assurance in academia. Following table reflects the list of events in which QEC remained involved during the reporting period 2015-16.

| Sr. No. | Title of the Event | Date | Target Group | Purpose/Objective |
|---|---|---|---|---|
| 1 | Plagiarism Committee Meeting (ISRA University, Hyderabad) | 08-Aug-15 | Faculty & PSC Members | To investigate the identified plagiarism case and suggest appropriate action under HEC prescribed plagiarism policy guidelines. |
| 2 | Invitation to Attend HEC Video conferencing Session (IoBM, Karachi) | 10-Aug-15 | Faculty | To learn about the contemporary techniques used for assessment of learning outcomes. |
| 3 | Invitation to Attend HEC Videoconferencing Session (Indus University, Karachi) | 13-Aug-15 | Faculty & Admin Staff | To get an insight about how to develop a systematic internal quality assurance system within the HEI. |
| 4 | Awareness Session with Program Team on Preparation of Self-Assessment Report (PhD-CS, BS-A&F, B.Ed.) Programs | 21-Sep-15 | PT Members | To brief the newly selected program teams about the overall self-assessment mechanism and how to prepare a self-assessment report of a particular program. |
| 5 | Progress Meeting Related to Submission of SAR | 10-Dec-15 | PT Members | To take follow-up from PTs about the latest developments made in preparation of SARs and to get acquaintance about their tentative submission dates. |
| 6 | Review Visit to Comply with PMs Directives for QA and Good Governance at HEIs, Faisalabad | 19-Jan-16 | Management & Staff | To check the existing practices being carried out in different HEIs to verify whether they are functioning in compliance with the policy laid down by HEC. |
| 7 | Review Visit to Comply with PMs Directives for QA and Good Governance at HEIs, Karachi | 25-Jan-16 | Management & Staff | To check the existing practices being carried out in different HEIs to verify whether they are functioning in compliance with the policy laid down by HEC. |
| 8 | Role of Quality in Education (Pakistan Navy School of Management, PNS-Rahnuma, Karachi) | 29-Jan-16 | Faculty & Students | To give awareness to the intended audience about the role of quality in education. |
| 9 | Review Visit to Comply with PMs Directives for QA and Good Governance at HEIs, Karachi | 08-Feb-16 | Management & Staff | To check the existing practices being carried out in different HEIs to verify whether they are functioning in compliance with the policy laid down by HEC. |
| 10 | Videoconferencing Session By JCCC Presenting "Combating Religiously Inspired Violence Through Education & Civic Engagement" By: Dr. Shahid Mughal & Mr. Ishfaq Abbasi & "Adapting the Community Model to Pakistani Society" By: Mr. Noor Hussain Shar & Ms. Unaeza Alvi | 10-Mar-16 | Faculty & Management | To mutually exchange the information required to understand the cultural differences existing between Pakistan and the USA in addition to adopting the best practices implemented at both sides. |
| 11 | Awareness Session with Program Team on Preparation of Self-Assessment Report (MS-Mgmt. Sc. & MS-CS) Programs | 30-Mar-16 | PT Members | To brief the newly selected program teams about the overall self-assessment mechanism and how to prepare a self-assessment report of a particular program. |
| 12 | Videoconferencing Session By JCCC Presenting "Distance Learning" By: Dr. Ed Lovitt (Director Distance Learning @ JCCC) & Dr. Vince Miller (Director Education Technology Centre @ JCCC) | 31-Mar-16 | Faculty & Management | To mutually exchange the information required to understand the existing best practices related to distance learning implemented in Pakistan and the USA. |
| 13 | Videoconferencing Session By JCCC Presenting "Assessment" By: Dr. Sheri Barrett, Director, Outcomes Assessment & "Distance Learning" By: Prof. David Krug, Professor Accounting | 07-Apr-16 | Faculty & Management | To mutually exchange the information required to understand the existing best practices related to outcome assessment techniques implemented in Pakistan and the USA. |

| Sr. No. | Title of the Event | Date | Target Group | Purpose/Objective |
|---|---|---|---|---|
| 14 | Videoconferencing Session By JCCC Presenting "Student Success Center (Student Counseling)" By: Dave Ellis-JCCC Counselor & "Early Childhood Education" By: Dr. Ekaterina Strekalova-Hughes, Asst. Professor - Teacher Education, & Curr. Studies, UMKC | 14-Apr-16 | Faculty & Management | To mutually exchange the information required to understand the existing best practices related to student success center & early childhood education implemented in Pakistan and the USA. |
| 15 | 10th Progress Review Meeting & Workshop of QECs, Fall Under Group-III [2 days] | 19-Apr-16 | QEC Staff | To discuss about the latest progress made by QECs and to share future course of action to follow. |
| 16 | Videoconferencing Session By JCCC Presenting "Academic Achievement Center" By: Prof. Jeffrey Merritt, Director, Academic Achievement Center & "Math Resource Center" By: Prof. Brett Cooper, Assist. Professor - Math Resource Center | 21-Apr-16 | Faculty & Management | To mutually exchange the information required to understand the existing best practices related to academic achievement center & math resource center implemented in the USA. |
| 17 | Plagiarism Complaint (Muneer Ahmed, Deputy Director-QAD, HEC Islamabad) | 26-Apr-16 | Faculty & PSC Members | To investigate the identified plagiarism case and suggest appropriate action under HEC prescribed plagiarism policy guidelines. |
| 18 | Videoconferencing Session By JCCC Presenting "Writing Center" By: Dr. Kathryn Byrne, Assoc. Professor – Writing Center, JCCC & "Distance Education in English" By: Dr. Keith Geekie, Professor/Chair English, JCCC | 27-Apr-16 | Faculty & Management | To mutually exchange the information required to understand the existing best practices related to writhing center & distance education in English implemented in the USA. |
| 19 | 12th International Conference on Machine Learning and Data Mining- MLDM 2016 | 28-Apr-16 | Conference Participants | To participate and contribute in the conference held in the USA by presenting the paper written in the domain of Machine Learning & Data Mining. |
| 20 | Videoconferencing Session By JCCC Presenting "Outreach to marginalized student populations including women, students with disabilities, students from socio-economically disadvantaged backgrounds and students at risk for violent extremism & Cultural resistance and support that Sukkur IBA encounters in implementing higher education reform" By: Dr. Fida Hussain Chang, Faculty Member Education, Sukkur IBA | 05-May-16 | Faculty & Management | To mutually exchange the information required to understand the cultural differences existing between Pakistan and the USA in addition to adopting the best practices implemented at both sides. |

# Membership of Association / Networks

QEC Sukkur IBA has attained memberships of below given national and international quality assurance networks so far. These memberships are aimed at enhancing the overall standard of education at the institute level by implementing quality practices in each and every individual component by providing training and professional development



opportunities to quality assurance professionals. Besides, QEC is emphasizing upon creating cross-border linkages with other associations/networks to strengthen mutual cooperation

- Asia Pacific Quality Network (APQN)
- International Network for Quality Assurance Agencies in Higher Education (INQAAHE)
- Association of Quality Assurance Agencies of the Islamic World (AQAAIW)
- The Association to Advance Collegiate Schools of Business (AACSB)
- Tufts University (The Talloires Network)
- Association of Management Development Institutions in South Asia (AMDISA)
- EFMD & EFMD Global Network (GN)

# Accreditation of Programs from Relevant Councils

QEC-Sukkur IBA, is an active participant of accreditation committee of the institute. At present, it is jointly working on different assignments to achieve accreditation of Association of Advanced Collegiate Schools of Business (AACSB), an international body dedicated to implement standards at Bachelor, Master and Doctoral levels.



BS - Computer Science and Soft Engineering programs offered at Sukkur IBA have been ranked in the highest category 'W' by National Computing Education Accreditation Council (NCEAC); whereas, BBA and MBA programs of the institute have also been rated in 'W' category by National Business Education Accreditation Council (NBEAC.) Moreover, our B.Ed. program has achieved 'X' category from National Accreditation Council for Teacher Education (NACTE.) Last, our BE program is recognized by Pakistan Engineering Council (PEC.)

# Faculty Development Program

## Details of the scholars pursuing studies abroad 2015-16

## Faculty Professional Development Program

The Faculty Development Program at Sukkur IBA is one of many efforts made by the Institute to ensure continuous development of the teaching personnel. In order to keep them abreast of current trends of the industry and academia, the Institute keeps polishing their skills and broadening their knowledge through FDP. The Program promotes innovation, collaboration and collegiate spirit.

The mission of the Sukkur IBA Faculty Development Program is to:
- Offer opportunities for professional development in teaching to bring success in student learning
- Play a key-role in strengthening a learning-centered campus culture leading to student success
- Advance new teaching and learning initiatives that affect students' success
- Foster scholastic dialogues within and among faculty and campus partners about effective teaching
- Serve as a convener to showcase faculty expertise in teaching

## Faculty Development Program

Sukkur IBA believes in continuous improvement and revival of knowledge through various developmental initiatives. The institute keeps refreshing the knowledge and skills of its faculty by exposing them to scores of workshops, scholarships, training programs, and study visits.

## Following are the highlights of the year 2015-16 in this respect

- 60 Scholars are pursuing their MS leading to PhD degrees in different modern disciplines under Faculty Development Program of Sukkur IBA.
- 11 Scholars proceeded for Higher Studies and achieved different scholarship opportunities in the year 2015-2016.

# Details of the scholars pursuing studies abroad 2015-16

| Sr. No. | Name of Scholar | Designation | Department | University Name | Degree | Relieving/ Date of Departure | Duration (Month) | Planned Return Date |
|---|---|---|---|---|---|---|---|---|
| 1 | Mr Falahuddin Butt | Assistant Professor, Marketing | Business Administration | Durham University Business School, UK | Masters | 11-Aug-15 | 24 Months | 11-Aug-16 |
| 2 | Mr Dhani Bux Shah | Assistant Professor | Education | United States Agency for Development (USAID) | Masters | 13-Aug-15 | 21 Months | 20-May-17 |
| 3 | Dr Khalid Ahmed | Assistant Professor, Economics | Business Administration | University of Cambridge, UK and University of Gottingen Germany | Post – Doctorate/ Fellowship | 15-Aug-15 | 12 Months | 15-Aug-16 |
| 4 | Mr Jay Kumar | Manager SFA & IL | Career Development Center | University of Jyvaskyla, Finland | Ph.D | 17-Aug-15 | 48 Months | 17-Aug-19 |
| 5 | Mr Muhammad Waqas | Lecturer, Electrical Engineering | Electrical Engineering | School of Energy Science and Engineering, University of Electronic Science and Technology of China | Ph.D | 21-Aug-15 | 48 Months | 21-Aug-19 |
| 6 | Mr Zahid Hussain Shaikh | Assistant Professor, Mathematics | Mathematics and Social Sciences | City University of Hong Kong | Ph.D | 26-Aug-15 | 48 Months | 26-Aug-19 |
| 7 | Syed Aamir Ali Shah | Lecturer, Economics | Business Administration | Suleman Dawood School of Business, LUMS, Lahore | Ph.D | 27-Aug-15 | 48 Months | 27-Aug-19 |
| 8 | Mr Abdul Baseer | Assistant Professor | Electrical Engineering | University of Canterbury New Zealand | Ph.D | 10-Sep-15 | 36 Months | 10-Sep-18 |
| 9 | Ms Sonia Kumari | Lecturer, Finance | Business Administration | University of East London, United Kingdom | Masters | 25-Jan-16 | 24 Months | 6-Jul-2017 |
| 10 | Ms Pirah Noor | Lecturer | Electrical Engineering | KOC University, Istanbul, Turkey | M.Sc Leading to Ph.D | 01-Feb-16 | 48 Months | 01-Feb-20 |
| 11 | Mr Abdul Saeed | Assistant Professor | Mathematics and Social Sciences | University of Canterbury, New Zealand | Ph.D | 16-May-16 | 36 Months | 16-May-19 |

# Faculty Professional Development Program

26th Master Trainer Faculty Professional Development Program An up to 8 Week fully sponsored National in-service residential Master Trainer's professional teaching certificate program, held at LID Islamabad, designed for Higher Education teaching faculty to develop their pedagogical / Research skills and requisite professional skills.

These Trainings have been organized so far by Learning Innovation Division in which faculty members of different Public and HEC Funded Private Sector Universities got professional certification in their teaching as well as research & management skills. The faculty members developed as Master Trainers disseminate similar training in their respective institutions.

In 26th Master Trainer Faculty Professional Development Program our following faculty members attended the Training Program:
1. Ms. ParasQadirMemon
   Lecturer in Department of Computer Science
2. Ms. Pirah Noor
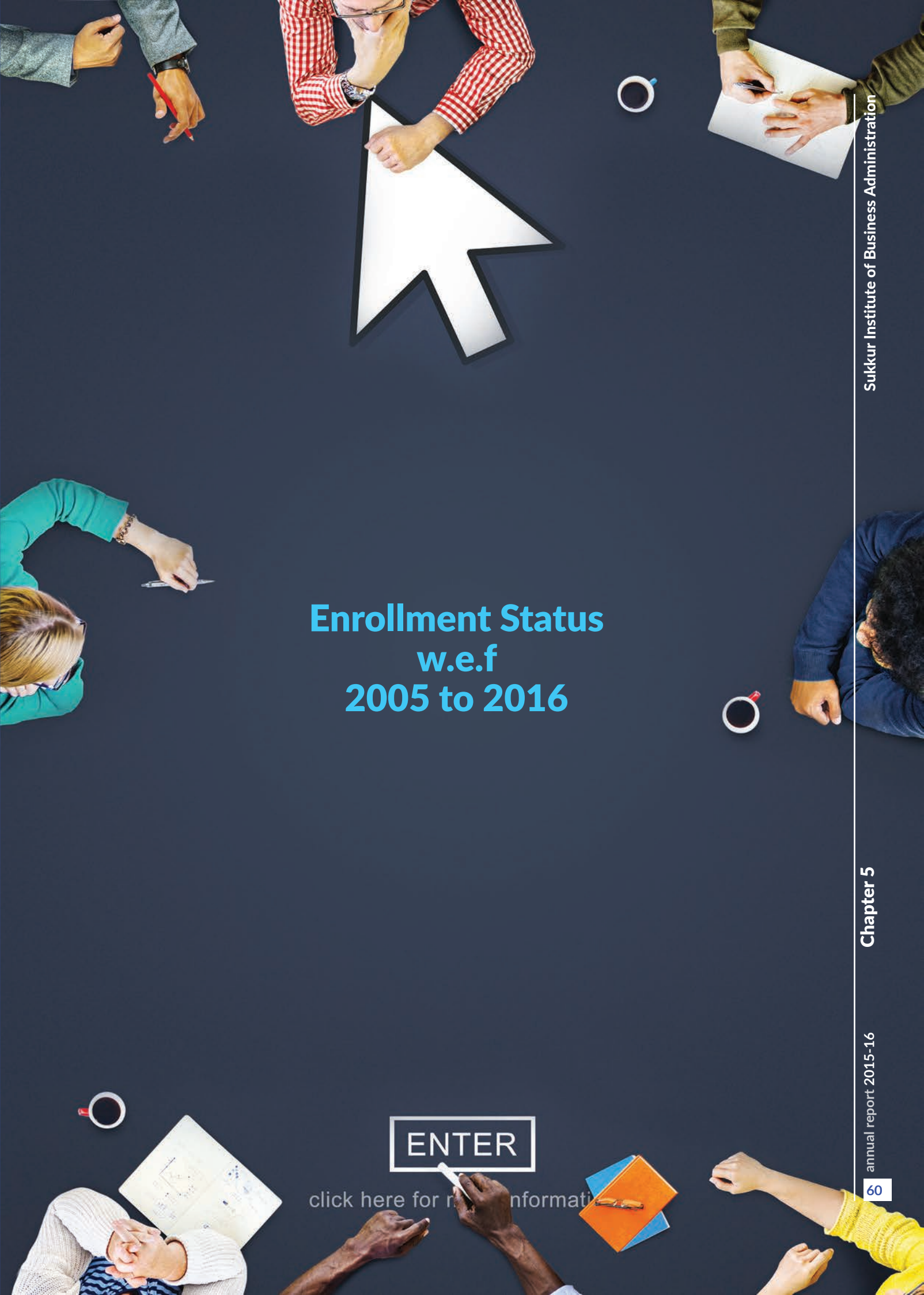   Lecturer in Department of Electrical Engineering

# Access

## Enrollment Status w.e.f 2005 to 2016

## Department-Wise and Gender-Wise Details

## of Students Enrollment

## Enrolled Candidates at Sukkur IBA from 2005 to 2016

## Students Enrollment at Sukkur IBA during the Year 2014-15

## Students Enrollment at Sukkur IBA during the Year 2015-16

# Enrollment Status
# w.e.f
# 2005 to 2016

ENTER

click here for more information

# Department of Business Administration

## Bachelors

| | Level of Education | Bachelors Total |
|---|---|---|
| 2005-06 | Male | 219 |
| | Female | 88 |
| 2006-07 | Male | 273 |
| | Female | 105 |
| 2007-08 | Male | 304 |
| | Female | 120 |
| 2008-09 | Male | 336 |
| | Female | 134 |
| 2009-10 | Male | 552 |
| | Female | 212 |
| 2010-11 | Male | 438 |
| | Female | 202 |
| 2011-12 | Male | 467 |
| | Female | 295 |
| 2012-13 | Male | 480 |
| | Female | 330 |
| 2013-14 | Male | 718 |
| | Female | 360 |
| 2014-15 | Male | 878 |
| | Female | 386 |
| 2015-16 | Male | 785 |
| | Female | 460 |

## Masters

| | Level of Education | Masters Total |
|---|---|---|
| 2005-06 | Male | 96 |
| | Female | 45 |
| 2006-07 | Male | 119 |
| | Female | 58 |
| 2007-08 | Male | 123 |
| | Female | 60 |
| 2008-09 | Male | 295 |
| | Female | 106 |
| 2009-10 | Male | 295 |
| | Female | 106 |
| 2010-11 | Male | 214 |
| | Female | 110 |
| 2011-12 | Male | 265 |
| | Female | 140 |
| 2012-13 | Male | 290 |
| | Female | 165 |
| 2013-14 | Male | 282 |
| | Female | 94 |
| 2014-15 | Male | 297 |
| | Female | 105 |
| 2015-16 | Male | 177 |
| | Female | 136 |

## MS/M.Phil

| | Level of Education | MS/M.Phil Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 15 |
| | Female | 5 |
| 2009-10 | Male | 15 |
| | Female | 5 |
| 2010-11 | Male | 30 |
| | Female | 10 |
| 2011-12 | Male | 22 |
| | Female | 9 |
| 2012-13 | Male | 62 |
| | Female | 15 |
| 2013-14 | Male | 50 |
| | Female | 23 |
| 2014-15 | Male | 88 |
| | Female | 28 |
| 2015-16 | Male | 83 |
| | Female | 9 |

## PhD

| | Level of Education | PhD Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 0 |
| | Female | 0 |
| 2009-10 | Male | 0 |
| | Female | 0 |
| 2010-11 | Male | 8 |
| | Female | 0 |
| 2011-12 | Male | 5 |
| | Female | 0 |
| 2012-13 | Male | 8 |
| | Female | 2 |
| 2013-14 | Male | 8 |
| | Female | 2 |
| 2014-15 | Male | 27 |
| | Female | 10 |
| 2015-16 | Male | 12 |
| | Female | 3 |

## Post Graduate Diplomas/Foundation Semester

| | Level of Education | PGD/Foundation Total | Grand Total (Deptt:Business Administration) |
|---|---|---|---|
| 2005-06 | Male | 227 | 941 |
| | Female | 266 | |
| 2006-07 | Male | 320 | 1145 |
| | Female | 270 | |
| 2007-08 | Male | 490 | 1407 |
| | Female | 310 | |
| 2008-09 | Male | 512 | 1786 |
| | Female | 383 | |
| 2009-10 | Male | 284 | 1691 |
| | Female | 222 | |
| 2010-11 | Male | 380 | 1606 |
| | Female | 214 | |
| 2011-12 | Male | 353 | 1746 |
| | Female | 190 | |
| 2012-13 | Male | 365 | 1922 |
| | Female | 205 | |
| 2013-14 | Male | 427 | 2159 |
| | Female | 195 | |
| 2014-15 | Male | 425 | 2468 |
| | Female | 224 | |
| 2015-16 | Male | 400 | 2285 |
| | Female | 220 | |

# Department of Computer Science

## Bachelors

| | Level of Education | Bachelors Total |
|---|---|---|
| 2005-06 | Male | 45 |
| | Female | 23 |
| 2006-07 | Male | 48 |
| | Female | 23 |
| 2007-08 | Male | 47 |
| | Female | 21 |
| 2008-09 | Male | 41 |
| | Female | 22 |
| 2009-10 | Male | 66 |
| | Female | 37 |
| 2010-11 | Male | 66 |
| | Female | 30 |
| 2011-12 | Male | 78 |
| | Female | 33 |
| 2012-13 | Male | 105 |
| | Female | 50 |
| 2013-14 | Male | 170 |
| | Female | 78 |
| 2014-15 | Male | 191 |
| | Female | 97 |
| 2015-16 | Male | 236 |
| | Female | 94 |

## MS/M.Phil

| | Level of Education | MS/M.Phil Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 15 |
| | Female | 5 |
| 2009-10 | Male | 15 |
| | Female | 5 |
| 2010-11 | Male | 6 |
| | Female | 6 |
| 2011-12 | Male | 7 |
| | Female | 5 |
| 2012-13 | Male | 9 |
| | Female | 8 |
| 2013-14 | Male | 38 |
| | Female | 4 |
| 2014-15 | Male | 40 |
| | Female | 3 |
| 2015-16 | Male | 28 |
| | Female | 6 |

## PhD

| | Level of Education | PhD Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 0 |
| | Female | 0 |
| 2009-10 | Male | 0 |
| | Female | 0 |
| 2010-11 | Male | 0 |
| | Female | 0 |
| 2011-12 | Male | 0 |
| | Female | 0 |
| 2012-13 | Male | 1 |
| | Female | 0 |
| 2013-14 | Male | 2 |
| | Female | 2 |
| 2014-15 | Male | 2 |
| | Female | 2 |
| 2015-16 | Male | 2 |
| | Female | 1 |

## Post Graduate Diplomas/Foundation Semester

| | Level of Education | PGD/Foundation Total | Grand Total (Deptt: Computer Science) |
|---|---|---|---|
| 2005-06 | Male | 92 | 204 |
| | Female | 44 | |
| 2006-07 | Male | 82 | 218 |
| | Female | 65 | |
| 2007-08 | Male | 125 | 271 |
| | Female | 78 | |
| 2008-09 | Male | 109 | 280 |
| | Female | 88 | |
| 2009-10 | Male | 155 | 345 |
| | Female | 67 | |
| 2010-11 | Male | 97 | 264 |
| | Female | 59 | |
| 2011-12 | Male | 88 | 263 |
| | Female | 52 | |
| 2012-13 | Male | 93 | 336 |
| | Female | 70 | |
| 2013-14 | Male | 98 | 450 |
| | Female | 58 | |
| 2014-15 | Male | 90 | 490 |
| | Female | 65 | |
| 2015-16 | Male | 90 | 527 |
| | Female | 70 | |

# Department of Electrical Engineering

## Bachelors

| | Level of Education | Bachelors Total |
|---|---|---|
| 2005-06 | Male | 5 |
| | Female | 2 |
| 2006-07 | Male | 12 |
| | Female | 4 |
| 2007-08 | Male | 22 |
| | Female | 8 |
| 2008-09 | Male | 27 |
| | Female | 12 |
| 2009-10 | Male | 74 |
| | Female | 47 |
| 2010-11 | Male | 182 |
| | Female | 50 |
| 2011-12 | Male | 190 |
| | Female | 85 |
| 2012-13 | Male | 250 |
| | Female | 95 |
| 2013-14 | Male | 362 |
| | Female | 53 |
| 2014-15 | Male | 411 |
| | Female | 59 |
| 2015-16 | Male | 476 |
| | Female | 58 |

## Post Graduate Diplomas/Foundation Semester

| | Level of Education | PGD/Foundation Total | Grand Total (Deptt: Electrical Engineering) |
|---|---|---|---|
| 2005-06 | Male | 0 | 7 |
| | Female | 0 | |
| 2006-07 | Male | 0 | 16 |
| | Female | 0 | |
| 2007-08 | Male | 101 | 198 |
| | Female | 67 | |
| 2008-09 | Male | 83 | 187 |
| | Female | 65 | |
| 2009-10 | Male | 73 | 217 |
| | Female | 23 | |
| 2010-11 | Male | 178 | 488 |
| | Female | 78 | |
| 2011-12 | Male | 162 | 505 |
| | Female | 68 | |
| 2012-13 | Male | 175 | 612 |
| | Female | 92 | |
| 2013-14 | Male | 186 | 683 |
| | Female | 82 | |
| 2014-15 | Male | 150 | 698 |
| | Female | 78 | |
| 2015-16 | Male | 150 | 764 |
| | Female | 80 | |

# Department of Education

## Bachelors

| | Level of Education | Bachelors Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 0 |
| | Female | 0 |
| 2009-10 | Male | 0 |
| | Female | 0 |
| 2010-11 | Male | 0 |
| | Female | 0 |
| 2011-12 | Male | 0 |
| | Female | 0 |
| 2012-13 | Male | 55 |
| | Female | 20 |
| 2013-14 | Male | 43 |
| | Female | 36 |
| 2014-15 | Male | 62 |
| | Female | 26 |
| 2015-16 | Male | 57 |
| | Female | 93 |

## M.Phil

| | Level of Education | MS/M.Phil Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 0 |
| | Female | 0 |
| 2009-10 | Male | 0 |
| | Female | 0 |
| 2010-11 | Male | 0 |
| | Female | 0 |
| 2011-12 | Male | 0 |
| | Female | 0 |
| 2012-13 | Male | 0 |
| | Female | 0 |
| 2013-14 | Male | 0 |
| | Female | 0 |
| 2014-15 | Male | 0 |
| | Female | 0 |
| 2015-16 | Male | 15 |
| | Female | 2 |

## Foundation Semester

| | Level of Education | PGD/Foundation Total | Grand Total (Department: Education) |
|---|---|---|---|
| 2005-06 | Male | 0 | 0 |
| | Female | 0 | |
| 2006-07 | Male | 0 | 0 |
| | Female | 0 | |
| 2007-08 | Male | 0 | 0 |
| | Female | 0 | |
| 2008-09 | Male | 0 | 0 |
| | Female | 0 | |
| 2009-10 | Male | 0 | 0 |
| | Female | 0 | |
| 2010-11 | Male | 0 | 0 |
| | Female | 0 | |
| 2011-12 | Male | 0 | 0 |
| | Female | 0 | |
| 2012-13 | Male | 15 | 102 |
| | Female | 12 | |
| 2013-14 | Male | 12 | 104 |
| | Female | 13 | |
| 2014-15 | Male | 25 | 132 |
| | Female | 19 | |
| 2015-16 | Male | 25 | 212 |
| | Female | 20 | |

# Department of Mathematics

## Bachelors

| | Level of Education | Bachelors Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 0 |
| | Female | 0 |
| 2009-10 | Male | 0 |
| | Female | 0 |
| 2010-11 | Male | 0 |
| | Female | 0 |
| 2011-12 | Male | 0 |
| | Female | 0 |
| 2012-13 | Male | 0 |
| | Female | 0 |
| 2013-14 | Male | 0 |
| | Female | 0 |
| 2014-15 | Male | 0 |
| | Female | 0 |
| 2015-16 | Male | 22 |
| | Female | 0 |

## M.Phil

| | Level of Education | MS/M.Phil Total |
|---|---|---|
| 2005-06 | Male | 0 |
| | Female | 0 |
| 2006-07 | Male | 0 |
| | Female | 0 |
| 2007-08 | Male | 0 |
| | Female | 0 |
| 2008-09 | Male | 0 |
| | Female | 0 |
| 2009-10 | Male | 0 |
| | Female | 0 |
| 2010-11 | Male | 0 |
| | Female | 0 |
| 2011-12 | Male | 0 |
| | Female | 0 |
| 2012-13 | Male | 0 |
| | Female | 0 |
| 2013-14 | Male | 0 |
| | Female | 0 |
| 2014-15 | Male | 48 |
| | Female | 2 |
| 2015-16 | Male | 35 |
| | Female | 7 |

## Foundation Semester

| | Level of Education | PGD/Foundation Total | Grand Total (Department: Mathematics) |
|---|---|---|---|
| 2005-06 | Male | 0 | 0 |
| | Female | 0 | |
| 2006-07 | Male | 0 | 0 |
| | Female | 0 | |
| 2007-08 | Male | 0 | 0 |
| | Female | 0 | |
| 2008-09 | Male | 0 | 0 |
| | Female | 0 | |
| 2009-10 | Male | 0 | 0 |
| | Female | 0 | |
| 2010-11 | Male | 0 | 0 |
| | Female | 0 | |
| 2011-12 | Male | 0 | 0 |
| | Female | 0 | |
| 2012-13 | Male | 0 | 0 |
| | Female | 0 | |
| 2013-14 | Male | 0 | 0 |
| | Female | 0 | |
| 2014-15 | Male | 12 | 70 |
| | Female | 8 | |
| 2015-16 | Male | 20 | 94 |
| | Female | 10 | |

# Department-Wise and Gender-Wise Details of Students Enrollment

| Level of Education | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Business Administration | 941 | 1145 | 1407 | 1786 | 1691 | 1606 | 1746 | 1922 | 2159 | 2468 | 2285 |
| Computer Science | 204 | 218 | 271 | 280 | 345 | 264 | 263 | 336 | 450 | 490 | 527 |
| Electrical Engineering | 7 | 16 | 198 | 187 | 217 | 488 | 505 | 612 | 683 | 698 | 764 |
| Education | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102 | 104 | 132 | 212 |
| Mathematics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 | 94 |
| **Total** | **1152** | **1379** | **1876** | **2253** | **2253** | **2358** | **2514** | **2972** | **3396** | **3858** | **3882** |
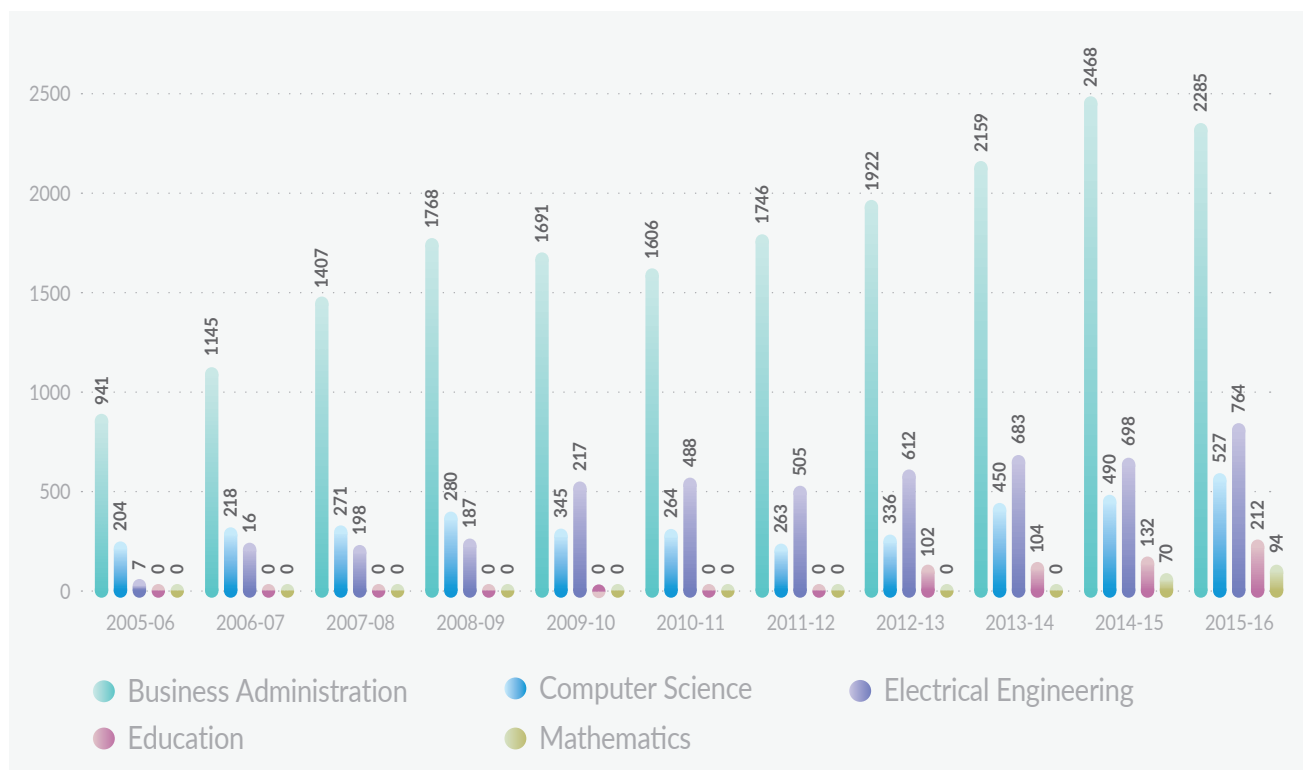
# Enrolled Candidates at Sukkur IBA w.e.f 2005 to 2016
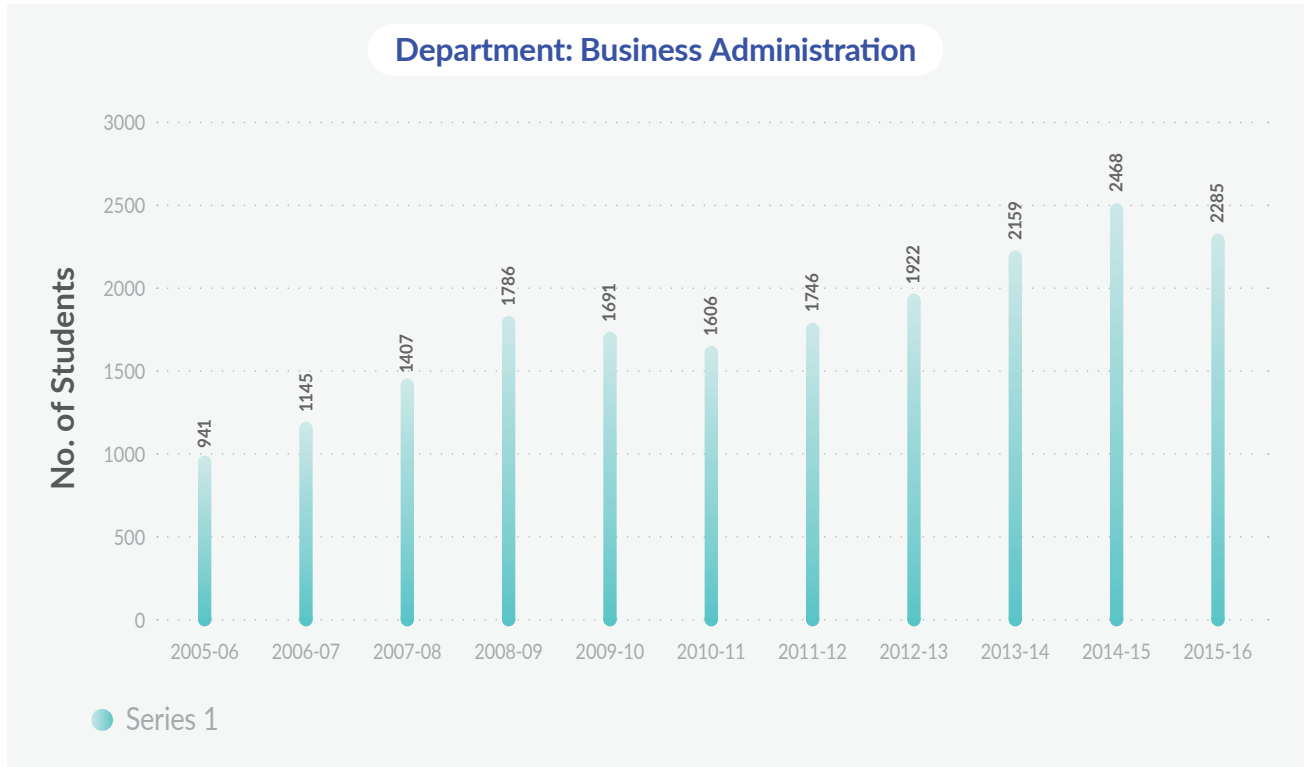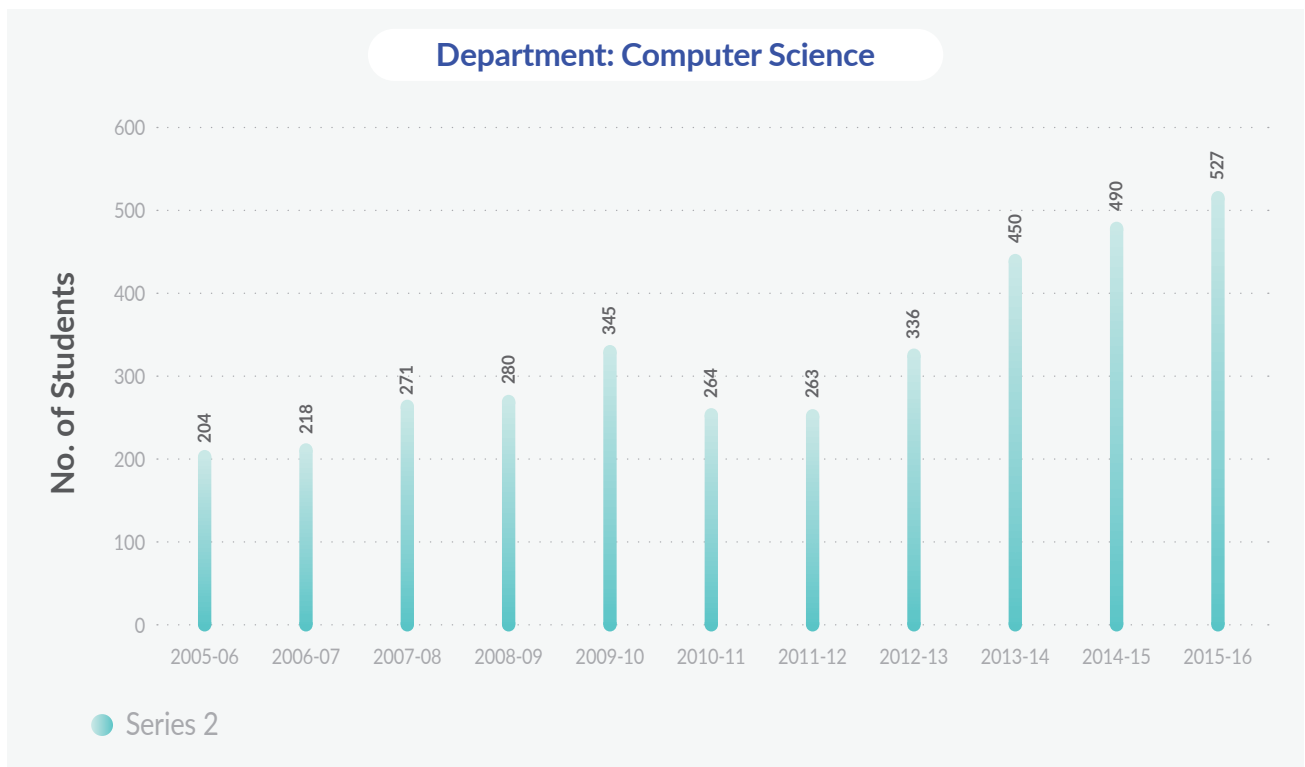
**Department: Business Administration**



# Enrolled Candidates at Sukkur IBA from 2005 to 2016

**Department: Computer Science**

# Enrolled Candidates at Sukkur IBA from 2005 to 2016

**Department: Electrical Engineering**

No. of Students

| Year | Students |
|------|----------|
| 2007-08 | 198 |
| 2008-09 | 187 |
| 2009-10 | 217 |
| 2010-11 | 488 |
| 2011-12 | 505 |
| 2012-13 | 612 |
| 2013-14 | 683 |
| 2014-15 | 698 |
| 2015-16 | 764 |

● Series 2

# Enrolled Candidates at Sukkur IBA from 2005 to 2016

**Department: Education**

No. of Students

| Year | Students |
|------|----------|
| 2006-07 | 0 |
| 2007-08 | 0 |
| 2008-09 | 0 |
| 2009-10 | 0 |
| 2010-11 | 0 |
| 2011-12 | 0 |
| 2012-13 | 612 |
| 2013-14 | 683 |
| 2014-15 | 698 |
| 2015-16 | 764 |

● Series 2

# Enrolled Candidates at Sukkur IBA from 2005 to 2016

**Department: Mathematics**

No. of Students

| | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 | 2012-13 | 2013-14 | 2014-15 | 2015-16 |
|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 698 | 764 |

● Series 2
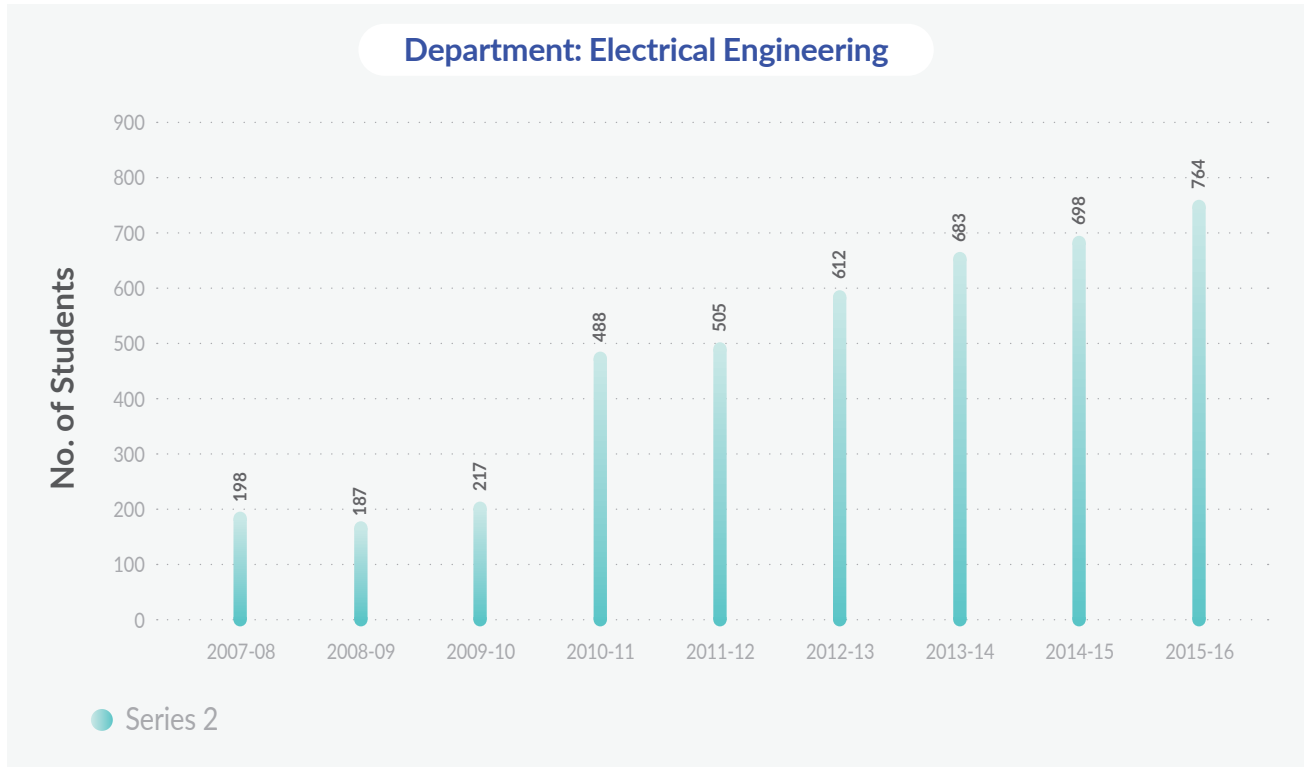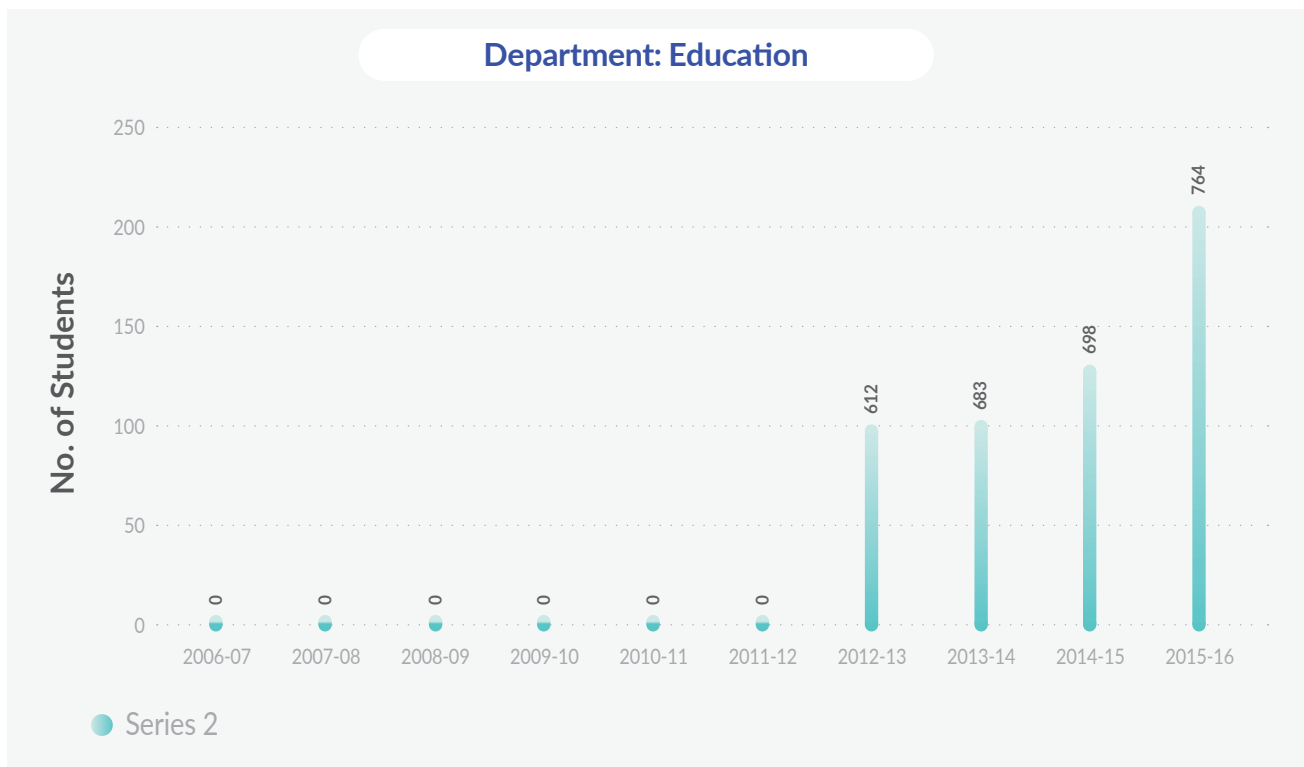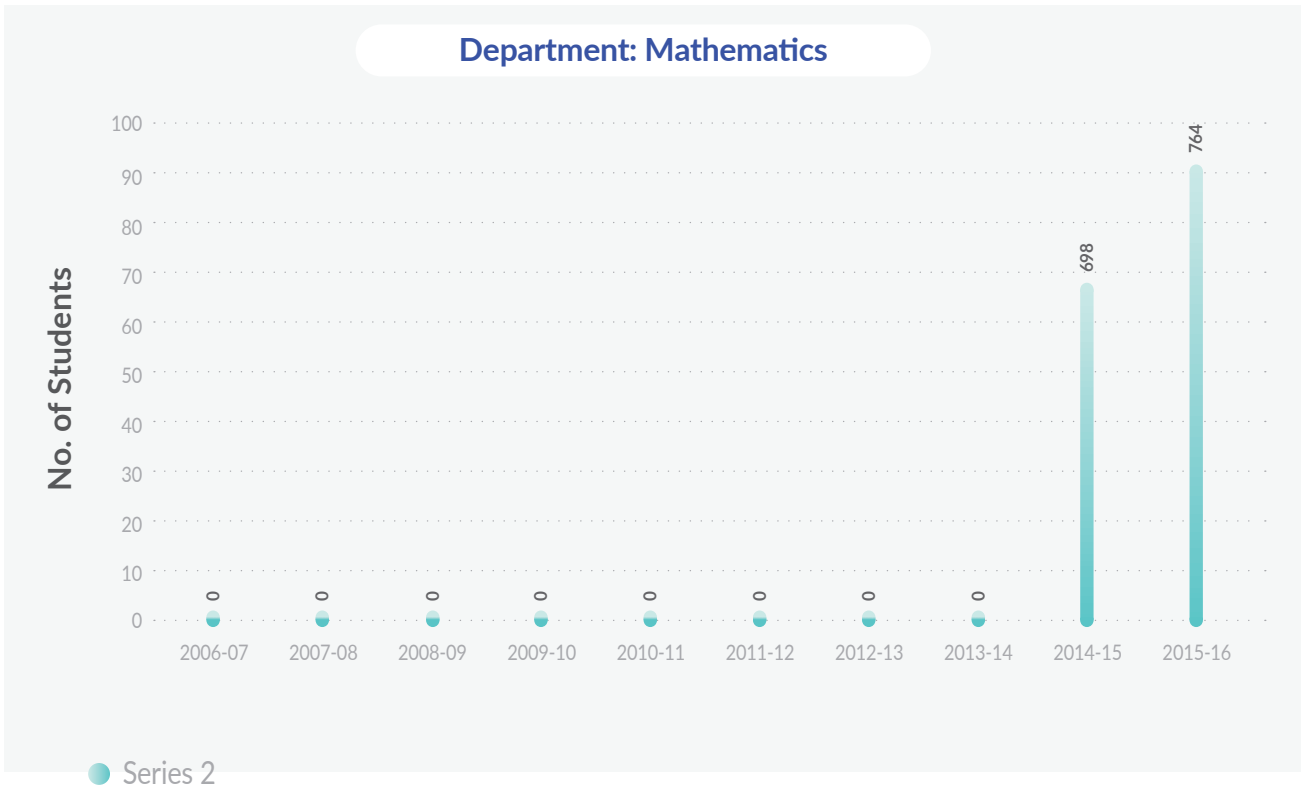
# Students Enrollment at Sukkur IBA during the Year 2013-14

| Name of Teaching Department | Actual Strength (2013-14) | | | | |
|---|---|---|---|---|---|
| | Bachelor | Master | M.Phil/MS | PhD | Total |
| Business Administration | 1178 | 376 | 73 | 10 | 1637 |
| Foundation Semester | 338 | 184 | 0 | 0 | 522 |
| Computer Science | 248 | 0 | 42 | 4 | 294 |
| Foundation Semester | 156 | 0 | 0 | 0 | 156 |
| Electrical Engineering | 442 | 0 | 0 | 0 | 442 |
| Foundation Semester | 241 | 0 | 0 | 0 | 241 |
| Education | 66 | 0 | 0 | 0 | 66 |
| Foundation Semester | 38 | 0 | 0 | 0 | 38 |
| **Total** | **2707** | **560** | **115** | **14** | **3396** |

# Students Enrollment at Sukkur IBA during the Year 2014-15

| Name of Teaching Department | Strength (2014-15) | | | | |
|---|---|---|---|---|---|
| | Bachelor | Master | M.Phil/MS | PhD | Total |
| Business Administration | 1264 | 402 | 116 | 37 | 1819 |
| Foundation Semester | 406 | 243 | 0 | 0 | 649 |
| Computer Science | 288 | 0 | 43 | 4 | 335 |
| Foundation Semester | 155 | 0 | 0 | 0 | 155 |
| Electrical Engineering | 470 | 0 | 0 | 0 | 470 |
| Foundation Semester | 228 | 0 | 0 | 0 | 228 |
| Education | 88 | 0 | 0 | 0 | 88 |
| Foundation Semester | 44 | 0 | 0 | 0 | 44 |
| Mathematics | 0 | 0 | 50 | 0 | 50 |
| Foundation Semester | 20 | 0 | 0 | 0 | 20 |
| **Total** | **2963** | **645** | **209** | **41** | **3858** |

# Students Enrollment at Sukkur IBA during the Year 2015-16

| Name of Teaching Department | Strength (2015-16) | | | | |
|---|---|---|---|---|---|
| | Bachelor | Master | M.Phil/MS | PhD | Total |
| Business Administration | 1245 | 313 | 92 | 15 | 1665 |
| Foundation Semester | 410 | 210 | 0 | 0 | 620 |
| Computer Science | 330 | 0 | 34 | 3 | 367 |
| Foundation Semester | 160 | 0 | 0 | 0 | 160 |
| Electrical Engineering | 534 | 0 | 0 | 0 | 534 |
| Foundation Semester | 230 | 0 | 0 | 0 | 230 |
| Education | 150 | 0 | 17 | 0 | 167 |
| Foundation Semester | 45 | 0 | 0 | 0 | 45 |
| Mathematics | 22 | 0 | 42 | 0 | 64 |
| Foundation Semester | 30 | 0 | 0 | 0 | 30 |
| **Total** | **3156** | **523** | **185** | **18** | **3882** |

# Universities Building Economies

# University-Industry Linkages

# University Advancement Office

# Internship and Placement Office

# University-Industry Linkages

One of the most important roles of a university is that it works with the industry and provides solutions to industrial problems. In the process, students get exposure to industrial environment, get to work on real world problems, gain experience and easily absorb in the industry after they graduate. The industry-academia partnership primarily helps Sukkur IBA to align their curricula with industry requirements. It also helps students by preparing them in advance to accept the real world challenges ahead before joining the corporate sector.

# University Advancement Office

The role of the Office of University Advancement is to position Sukkur IBA by articulating a clear image and mission, establishing deep and long-lasting relationships with our students, alumni, donors, parents and community.  The office broadens the resources available to the University through a tradition of philanthropy from donors, community partnerships and steward-ships.

Developing corporate strategies and proceeding towards strategic coordination with industries bilaterally is a core responsibility of University Advancement office at Sukkur IBA. The office works with potential government and non-government organizations for resource development. It is an on-going process for continuous relationship building and maintaining prosperous growth.

Some of the areas in which University Advancement Office is working with our corporate partners are:

- Students' Research Projects
- Industry and Academia Consultancy Services
- Industry Academia Collaboration
- Training and Development
- Students' Corporate Visits
- Students' Scholarships
- Strengthening Sukkur IBA Endowment Fund
- Final Year Projects
- Internships & Placements

Some of Sukkur IBA's corporate partners are:

- Pakistan Stock Exchange
- NAFA Funds
- UBL Funds Managers
- Banking Sector

- State Bank of Pakistan
- National Bank of Pakistan
- United Bank Ltd
- Meezan Bank Ltd
- Alfalah Bank Ltd.
- Soneri Bank Ltd.
- Askari Bank Ltd.
- Khushhali Bank Ltd.
- Habib Bank Ltd.
- MCB Bank Ltd.
- Bank Al-Habib Ltd.
- First Women Bank Ltd
- Institute of Bankers Pakistan
- Allied Bank Ltd.
- NIB Bank Ltd.
- JS Bank Ltd.

Fast Moving Consumer Goods Sector:

- Continental Biscuits Ltd
- Pepsi-Sukkur Beverages
- Volka Food International
- Nestle Pakistan

- U-Fone
- Supply Emirates
- Gul Bottlers
- OGDCL
- Snofi Aventis
- Coca-Cola Company Pakistan Limited
- Unilever (Pvt) Ltd.
- English Biscuit Manufacturers Pvt. Ltd
- Engro Foods
- National Foods (Pvt) Ltd.
- Rafhan Maize Products Co. Ltd.
- KFC Pakistan: Cupola Pakistan Limited
- Pizza Hut
- Taj Corporation
- SSGC
- Ghouri's
- Tariq Nazir & Co
- School of Leadership
- Funverks



## Scholarships and Financial Assistance

Sukkur IBA has been contributing to national development with the help of its friends since its inception. Below is the list of donors including public sector institutions, corporate, donor agencies, individual donors/philanthropists and non-profit sector organizations that are assisting Sukkur IBA in promoting. During the academic year Sukkur IBA disbursed approximately **Rs. 102 Million** amount on account of different scholarship from "Friends of Sukkur IBA"

# Friends of Sukkur IBA – Scholarship Donors

## Governmental Donors

| S. No. | NAME OF SCHOLARSHIP | | |
|--------|---------------------|---|---|
| 1 | USAID Merit & Needs Based Scholarship Program | 5 | National ICT R&D Fund Scholarship Program |
| 2 | HEC- Needs Based Scholarship Program | 6 | National Bank of Pakistan Scholarship Program |
| 3 | Sindh Endowment Fund Scholarship Program | 7 | Port Qasim Authority Scholarship Program |
| 4 | Oil & Gas Development Company Limited | | |

## Corporate / Non-Governmental Donors

**S.No.    NAME OF SCHOLARSHIP**

1. LU - Continental Biscuit Ltd Scholarship Program
2. Sui Southern Gas Company (SSGC) Scholarship Program
3. SANA FAME Scholarship Program
4. Uch Power Limited Scholarship Program
5. Meezan Bank " Ihsan Trust" Students Loan
6. Mari Petroleum Company Limited
7. HBL Foundation Scholarship Program
8. Engro Foundation
9. Ittehad Chemicals Limited
10. Sitara Chemical Limited
11. Sachal Engineering Works Pvt Limited
12. Hidayat Jumani Scholarship Program
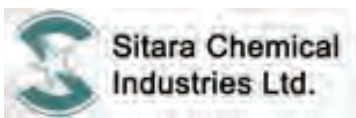
## Individual Philanthropists and Trusts

| S.No. | NAME OF SCHOLARSHIPS |
|---|---|
| 1. | Viqaru Nisa & Feroze Khan Noon Trust for Education Scholarship |
| 2. | Mrs. Habiba Memon Merit Scholarship Program |
| 3. | Mrs. Ghulam Fatima Turk Merit Scholarship Program |
| 4. | Ayesha Memon, Abdul Fatah Memon, Ali Raza Memon, G.M Qureshy Scholarship Program |
| 5. | Late Haji Muhammad Yaqoob Bachani Scholarship Program |
| 6. | Mr. Ali Ahmed Sheikh Scholarship Program |
| 7. | Mr. Pehlaj Roy Scholarship Program |



# Internship and Placement Office

This is a prime responsibility of established Career Development Center (CDC) to assist students in choosing the internship and processing job applications which best suit their area of specialization.

The following are major tasks of internship & placement services office provided to students:

* Assisting in Jobs Applications
* Jobs Postings and Announcements
* Resume Collection and Distribution
* Access to Employers List and Key contacts
* Applications for Internships/Work-study/Projects
* Recommendation letters
* Job Fairs
* On-Campus Interviews
* Walk-in-Hours; Career Counseling
* Access to Learning Management System (LMS)
* Collection of Corporate Data base
* Guest Speakers/Visitors from the industry
* Final Year Projects

This year Career Development Center received 200 applications from the students of all the departments of Sukkur IBA for internship, the companies have allocated 200+ internship slots for Sukkur IBA students.

# Development Projects of Sukkur IBA

## List of Projects Sponsored by Sindh Govt. and Higher Education Commission (HEC)

## Sponsors of Development Projects

# List of Projects Sponsored by Sindh Govt. and Higher Education Commission (HEC)

## List of Projects Sponsored by Sindh Govt and Higher Education Commission (HEC)

| S. No. | Name of Projects | Amount in Millions |
|---|---|---|
| **(A)** | **HEC Sponsored Projects** | |
| 1 | Up-Gradation and Strengthening of Essential Facilitates at Sukkur IBA | 900.493 |
| 2 | Strengthening & Expansion of Sukkur IBA | 657.083 |
| | **Total Cost** | **1557.576** |
| | | |
| **(B)** | **Sindh Govt  Sponsored Projects** | |
| 1 | Extension of Education & Allied Facilities at Sukkur IBA & IBA Community College Khairpur | 1300.00 |
| 2 | Immediate Needs for Sukkur IBA (Revised) | 327.754 |
| 3 | Installation of Solar System and LED Lights at Sukkur IBA | 257.234 |
| 4 | Strengthening of Sukkur IBA | 492.072 |
| 5 | Improvement of existing Public School in Sukkur Division | 56.604 |
| 6 | Up gradation of IT Institute as IT College Khairpur | 417.512 |
| 7 | Establishment of Benazir Bhutto Shaheed Institute of Management Science Dadu | 678.314 |
| 8 | Establishment of Five IBA Community Colleges | 750.844 |
| | **Total Cost** | **4280.33** |
| | **Grand Total Rs.** | **5837.91** |

## List of Projects Sponsored by Sindh Govt and Higher Education Commission (HEC)

| S. No. | Head of Account | Amount in Rs. Million |
|---|---|---|
| 1 | Up-Gradation and Strengthening of Essential Facilitates at Sukkur IBA | 900.493 |
| 2 | Strengthening & Expansion of Sukkur IBA | 657.083 |
| 3 | Extension of Educational & Allied Facilities at Sukkur IBA & IBA Community College Khairpur | 1,300.00 |
| 4 | Immediate Needs for Sukkur IBA (Revised) | 327.754 |
| 5 | Installation of Solar System and LED Lights at Sukkur IBA | 257.234 |
| 6 | Strengthening of Sukkur IBA | 492.072 |
| 7 | Improvement of existing Public School in Sukkur Division | 56.604 |
| 8 | Up gradation of IT Institute as IT College Khairpur | 417.512 |
| 9 | Establishment of Benazir Bhutto Shaheed Institute of Management Science Dadu | 678.314 |
| 10 | Establishment of Five IBA Community Colleges | 750.844 |
| | **Total Amount Rs.** | **5,837.910** |



**Development of Sukkur IBA**

- Establishment of Five IBA Community Colleges 13%
- Up-Gradation and Strengthening of Essential Facilitates at Sukkur IBA 15%
- Strengthening & Expansion of Sukkur IBA 11%
- Extension of Educational & Allied Facilities at Sukkur IBA & IBA Community College Khairpur 22%
- Extension of Educational & Allied Facilities at Sukkur IBA & IBA Community College Khairpur 22%
- Immediate Needs for Sukkur IBA (Revised) 6%
- Installation of Solar System and LED Lights at Sukkur IBA 4%
- Strengthening of Sukkur IBA 9%
- Improvement of existing Public School in Sukkur Division 1%
- Up gradation of IT Institute as IT College Khairpur 7%
- Establishment of Benazir Bhutto Shaheed Institute of Management Science Dadu 12%

# Sponsors of Development Projects

## Contribution of Government of Sindh and Higher Education Commission (HEC) in Development Projects

| S. No. | Name of Projects | Amount in Rs. Million |
|---|---|---|
| 1 | Projects Sponsored by HEC | 1557.576 |
| 2 | Projects Sponsored by Govt of Sindh | 4280.334 |
| | **Total Amount Rs.** | **5837.91** |

### Sponsorship of Projects



- Projects Sponsored by HEC
- Projects Sponsored by Govt of Sindh
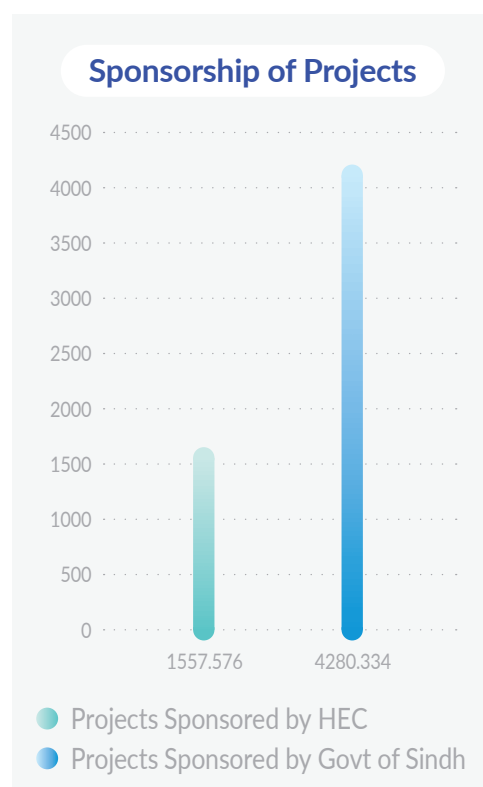
# Strengthening Technological Infrastructure

## Enterprise Resource Planning (ERP)

## PeopleSoft Human Capital Management (HCM)

## PeopleSoft FSCM (Financials & Supply Chain Management)

# 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

## PeopleSoft Human Capital Management (HCM)

### 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 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 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)

# Universities Building Communities

## Talent Hunt Program - Short Term Intervention

## IBA Community Colleges Long Term Intervention

## Functions of IBA Community Colleges

## University Role in Building Communities

## National and International Linkages

## Sukkur IBA Alumni Chapter

Situated in a rural setting, Sukkur IBA witnessed the problems of our education system first hand. The difference between incoming students from affluent backgrounds who had studied at quality schools and students from rural areas was not only prominently visible in classroom settings but also in testing environments. The survival of the students from rural schools, when competing with others who had access to all inclusive education, was not only difficult but in most cases impossible. We noted that most students coming in from rural backgrounds could not cope with the standard of education and would generally drop out during the first couple of semesters, Sukkur IBA believed it was our responsibility to our community and a duty to our country to intervene so that all students from all backgrounds could have the same access to quality education.

Keeping equality in mind and quality at the core of our beliefs we decided and needed to intervene. Without properly planned intervention we could not have made a difference. This intervention was planned in two phases, short term intervention in shape of Talent Hunt Program and long term intervention in shape of IBA Community Colleges.

# Talent Hunt Program - Short Term Intervention

As a measure of short term        Mathematics and Computer. Under this        asked to pay for it. Sukkur IBA believes

## Impact of Talent Hunt Program

Before the introduction of THP the dropout rate of students coming from rural areas was 52.74 % which was reduced to 15.32%. The decrease in significant amount of dropout ratio shows the success of Talent hunt Program of Sukkur IBA.

**84.68%**
**15.32%**

● Survived
○ Dropped
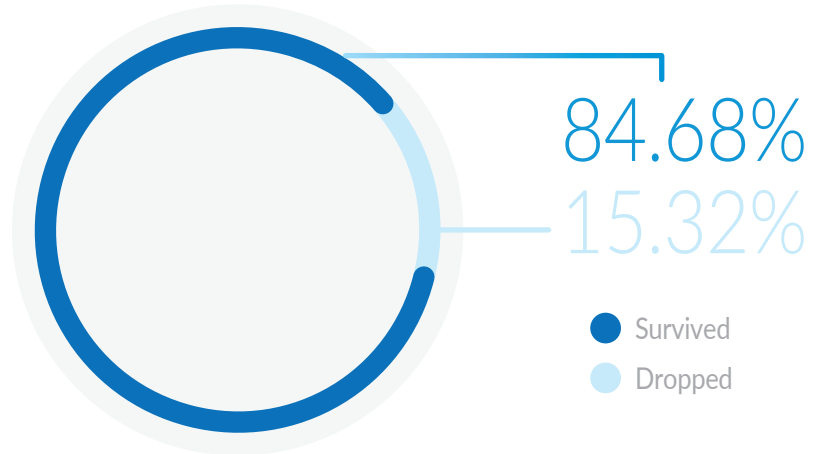
# IBA Community Colleges-Long Term Intervention

Although THP is a success story of Sukkur IBA, it is still a reactive approach. We go for remedial actions after the damage has already been done by poor schooling system of the province. Sukkur IBA decided to take a proactive approach i.e. to try to avoid the damage and intervene in the area where this damage takes place.

Being aware of the problem and challenges of the rural education system, Sukkur IBA initiated a long term two-fold intervention plan.

1. Establishing community colleges in various rural districts of Sindh for imparting quality education from Montessori to higher secondary school and associate degrees in various fields. This would create quality students from rural areas who will be better able to compete with students from quality urban educational institutes.

2. The education at community colleges is affordable and access to all is at the core of the program. Sukkur IBA believes that any student who wants to study should not be denied the right to quality education and thus the community colleges are actively working to provide quality as well as equality in education.

# Functions of IBA Community Colleges

Figure shows the functions of IBA Community Colleges.

## Basic Education

Although the concept of community colleges in developed countries like the USA and Australia does not include the basic education. Realizing the local needs, this component has been added in concept of IBA community colleges. The idea is to provide the students of Sindh province with quality basic education from KG/Montessori to grade 12. This will ensure that students are no more in need of any remedial education like talent hunt program discussed in previous section. The graduates of IBA community college with grade 12 certificate should be in position to win admission in any reputable university nationally and internationally and will also survive the tough grading standard in higher education.

## Expected outcomes of Community Colleges

- To reduce the rural urban divide and enhance the access to quality skill and higher education training.
- To bring the change in the mindset of the people and produce the skilled employable professionals.

- To increase the employment of the youth.
- To contribute to the economic development of country.

### Following IBA Community Colleges have been established:

1. IBA Community College, Khairpur
2. IBA Community College, Dadu
3. IBA Community College, NaushahroFeroze
4. IBA Community College, Jacobabad
5. IBA Public School Sukkur

# University Role in Building Communities

Value is what gets created when investors invest and organizations act to pursue their mission. Traditionally, we have thought of value as being either economic (or created by for-profit companies) or social (created by nonprofit or non-governmental organizations). At Sukkur IBA, we strive to create a value that consists of economic, social and leadership components. Thus, the outcome of all these activities is value creation and that value itself is non-divisible and, therefore, a blend of these three elements that is innovation, social impact and leadership. And this results in inclusive growth of the society.

Sukkur IBA is trying to make a more powerful impact as a center of social innovation by fostering entrepreneurship and leadership skills among students driven by a social mission, through education, research, and local and global partnerships.

# National and International Linkages

- All Community Colleges have linkages with the community colleges in USA
- Affiliation with Aga Khan University Examinations Board for class VI to XII
- Member of Community Colleges for International Development Inc, USA. Http://www.ccid.cc
- MoU with Johnson Community College USA

# Sukkur IBA Alumni Chapter

Sukkur IBA Alumni Chapter was started in June 2008 with the dedicated seat in Sukkur IBA Senate. The first representative Mr. Ghulam Sarwar Shaikh was elected by the alumni for the term of 03 years. All the matters of alumni chapter are handled by the Director CDC and Registrar, Sukkur IBA. The current president is Mr. Danish Shamim Shamsi elected by the members unopposed on October, 2013 for the next term.

| S. No. | Name | Tenure |
|---|---|---|
| 01 | Mr. Ghulam Sarwar Shaikh | 2008-2011 |
| 02 | Mr. Muhammad Ali Khoso | 2011-2013 |
| 03 | Mr. Danish Shamim Shamsi | 2013-date |



We have alumni chapter and online alumni community on social media and our website, providing a platform to our alumni nationwide and internationally to stay connected with alma mater, students, and fellow alumni.

Our alumni are instrumental in bringing alumni closer by organizing Alumni Reunion, volunteering in Career Planning and Development Program (CPDP) for skill development and supporting our students & fresh graduates for the placement/Internships in reputable organizations to ensure the continued excellence of Alma Mater.

Our elected alumni representative is the part of Sukkur IBA Senate to develop the curriculum as per current market practices and corporate need.

To ensure the use of this portal and keeping our records and their employment status updated a separate office is established for alumni relations with a dedicated staff member (Assistant Manager Alumni Affairs). A dedicated Alumni society is also established to organize alumni reunions and meet ups. We are also providing free access to our Knowledge Center and discount to our alumni on facilities and programs offered by Sukkur IBA i.e. Regular Degree Programs, Summer Program, Short Courses, Guest House, Auditorium, Seminar Hall, Incubations.

Our alumni are also registered on alumni portal linked on our website, where they keep their profiles updated by using the unique user id issued at the time of registration.

Senate Structure: http://www.iba-suk.edu.pk/ibasuk/aboutiba/wpSenate.aspx

Social Media Groups: https://www.facebook.com/groups/SukkurIBA.Alumni/

https://www.facebook.com/groups/101988180174443/

Alumni Portal: https://siba.edu.pk/alumniportal/wpCLogin.aspx

# Sukkur IBA Students Council (SISC)

## Elections for Sukkur IBA Students Council-SISC 2016

## Sukkur IBA Intra University Cricket Tournament 2016

## Earth Hour 2016

## Together For Tolerance

## Sukkur IBA Faculty Versus Staff Cricket Tournament 2016

# Elections for Sukkur IBA Students Council- SISC 2016

Elections for Sukkur IBA Students Council- SISC 2016 was organized on 3rd February 2016. Students from all department participated and casted their votes. The Winner of Election were TEAM FLAMBEAU. Sukkur IBA wished all the best to the winning team

# Sukkur IBA Intra University Cricket Tournament 2016

Sports and Adventure Society of Sukkur IBA organized Intra-University Cricket tournament 2016. A total of 10 teams participated in the tournament. After tough competition BBA Leaders won the tournament by defeating BBA Zalmis.

# Earth Hour 2016

Sukkur IBA Go Green Society celebrated the Earth Hour 2016 on Saturday, March 19 by observing complete electricity shut down for an hour from 08:30 pm to 09:30 pm at the campus. Earth Hour is a global campaign to promote energy conservation for the mitigation of climate change and global warming. WWF – Pakistan is observing Earth Hour for last 7 years and being member, Sukkur IBA observes Earth Hour within the campus premises turns off the campus lights for one hour to show they care about the planet

# Together For Tolerance

Sukkur IBA Student Council Education Society organized a seminar on the topic of "Together with Tolerance" by Mr. Burhan Shah from Carnelian, Karachi on 14th April 2016 at Sukkur IBA Auditorium. Together for Tolerance is Pakistan's Largest Youth Initiative building its presence in over 70 universities, across 34 cities, in 5 provinces. The aim is to address Tolerance at grass roots while working with youth. We believe Tolerance starts at home - with our parents, siblings, spouse and children. This process is then followed by a positive ripple effect in society.

# Sukkur IBA Faculty Versus Staff Cricket Tournament 2016

Sukkur IBA Sports Society organized a friendly cricket tournament among the faculty and Staff teams of Sukkur IBA on 12 and 13th February 2016. Players from both faculty and staff of Sukkur IBA participated in the tournament. The tournament was won by Staff team. Shields to the wining team and medals to the runner up were also awarded.

# Universities Building Leadership

## Career Planning and Development Program for Graduating Students

## Sukkur IBA 3rd Convocation 2016

## Farewell Ceremony 2016

Given below are activities led by students of Sukkur IBA.

# Career Planning and Development Program for Graduating Students

Career Development Center of Sukkur IBA organized a 05 days' workshop for graduating students of 2016 in which trainers from Injaaz Pakistan and volunteers from Emgro Foods, Sukkur shared knowledge and understanding of the tools and skills required to earn and keep a job in high-growth career industries, alongside employment opportunities. Around 180 graduating students of Sukkur IBA attended the program. The 5 days' workshop was divided into 05 major segments of training 1. Entrepreneurship Master Class Program: This program Introduced students to the concept of entrepreneurship, of what is involved in setting up and running a business, and an understanding of the skills, attitudes and behaviors of entrepreneurs. 2. Innovation Camp Program: the Innovation Camp aims to help students to find the most innovation solutions to

business challenges provided by companies using leadership, critical thinking and teamwork skills. 3. Steer Your Career Program: This program teaches the youth the skills (leadership, time management, oral communication, written communication, problem solving, team dynamics &amp; searching for a job) they need to succeed in the work place and the world of business. 4. Career Success: career Success equips students with the tools and skills required to earn and keep a job in high growth career industries. 5. Head Start Program: This program teaches to Identify and demonstrate the work readiness skills needed to research; Get and keep a job and develop innovative personal strategies to achieve lifelong learning pursuits and career opportunities. The 5 days interactive workshop ended with the closing ceremony held on 27th May 2016 at Sukkur IBA auditorium where certificates were distributed among the students and souvenirs were distributed among the trainers from Injaaz and Engro Foods, Sukkur.

# Sukkur IBA 3rd Convocation 2016

Sukkur Institute of Business Administration organized its 3rd

Convocation Ceremony for graduating students on 12 March 2016.

Chief Minister Sindh Honorable Syed Qaim Ali Shah presided the auspicious ceremony as Chief Guest and Leader of opposition National Assembly, Honorable Syed Khursheed Ahmed Shah chaired the event as the Guest of Honor. A total of 150 graduates were awarded degrees in Business Administration, Electrical Engineering, Computer Science, Education and Mathematics. In his welcome speech Dean and Director Prof. Nisar Ahmed Siddiqui expressed gratitude to Chief Minister Sindh, Syed Qaim Ali Shah, Leader of Opposition, Syed Khursheed Ahmed Shah, Member of National Assembly Nauman Islam Shaikh , media personnel and all the distinguished guests for taking out time from their hectic schedules, which showed their interest and commitment for Education in Sindh. Prof Nisar Ahmed Siddiqui expressed his heartfelt gratitude to Chief Minister Sindh for special support to Sukkur IBA leading to become one of the leading educational institutes of Pakistan.

A total number of nine gold medals were awarded to meritorious students of different academic programs at Sukkur IBA. Muhammad Saqib MS (Management) for spring 2013, Mr. Attaullah MS (Computer Science) for fall 2013. Ms. Faryal Aijaz MS (Applied Mathematics) for Spring 2013, Mr. Ali Raza Saeed (MBA- 4 years Program) for Fall 2010, Ms. Paras Sindhu (MBA- 2 years program) for Fall 2012, Ms. Shafaq Siddiqui BS (Computer Science) for Fall 2011, Ms. Faiza Azhar BS

(Software Engineering) for Fall 2011, Mr. Waqas Ahmed BE (Electrical Engineering) for Fall 2009 and Ms. Zoya Juman Jamro (Associate Degree in Education) for Fall 2013 batch.

Three Silver Medals were awarded to Mr. Atta Muhammad of MS (Computer Science) for fall 2013, Mr. Farooq Ahmed Shah (MBA-4 Years Program) for fall 2014 and Ms. Rakhi BS (Computer Science) for Fall-2011. While Ms. Rinkal Rani MBA- 4 Years Program for fall 2010 was awarded with a bronze medal.

# Farewell Ceremony 2016

Alumni Society along with Career Development Center organized Farewell Ceremony in honor of graduating Batches of 2016

# Finance

# Annual Statements of Accounts (2015-2016)

# Self Generated Income

# Student Strength 2015-2016 (Actuals)

# Annual Statements of Accounts (2015-2016)

[Million Rs.]

| | Particulars | 2014-15 (Actual) | 2015-16 (Actual) |
|---|---|---|---|
| 1. | **Opening Balance:** | **(207.751)** | **(73.734)** |
| 2. | **Total Grants & Donations [a - f]** | **506.468** | **667.012** |
| a. | Federal Government (Annual) | 202.599 | 238.082 |
| b. | Supplementary / Additional Grant | 23.869 | 28.930 |
| c. | Grant for Tenure Track Faculty | - | - |
| d. | Provincial Govt. Grant | 80.000 | 100.000 |
| e. | Additional Grant from Provincial Govt: | 200.000 | 300.000 |
| f. | Donations | - | - |
| g. | Any Other Grant | - | - |
| 3 (i) | **Students Related Income [3(i) a - 3(i) e]** | **282.083** | **288.058** |
| | Tutition Fees | 252.361 | 259.568 |
| | All Other Fees | 6.209 | 4.990 |
| | Hostel / User Charges, etc. | 23.513 | 23.500 |
| a. | On Campus Students (sub-total) | 282.083 | 288.068 |
| b. | Affiliated College/Instituions' Students | - | - |
| c. | External (Private) Students | - | - |
| d. | Income from Continuing Professional Development Courses for Business & Community | - | - |
| e. | Income from Continuing Education [CE] Courses for Business & Community | - | - |
| 3 (ii) | **Other Venues of Income [3(ii) a - 3(ii) f]** | **14.000** | **21.000** |
| a. | Income from Collaborative and Contract Research (ORIC) | 4.000 | 5.000 |
| b. | Income from Consultancy & Testing | 3.000 | 5.500 |
| c. | Income from Intellectual Property | - | - |
| d. | Income from Regeneration & Development Programs | 6.500 | 9.500 |
| e. | Alumini | 0.500 | 1.000 |
| f. | Any Other Income | - | - |
| 3 (iii) | **Receipts from Endowment Fund (if any)** | **1.400** | **13.130** |
| 3. | **Total Own Resources** | **297.483** | **322.188** |
| **A.** | **Total Available Resources [1+2+3]** | **596.200** | **915.466** |
| 4. | **Expenditure Break-up:** | **669.934** | **918.275** |
| a. | Faculty Salary | 150.419 | 176.247 |
| b. | TTS Faculty Salary/ Gratuity | 1.691 | 11.280 |
| c. | Salary of Officers & Staff -Teaching Departments | - | - |
| d. | Salary of Officers & staff -All Non-Teaching Departt: | 139.840 | 152.382 |
| e. | Other Establishment Charges | - | - |
| f. | Non Salary Expenses / Other Charges | 356.627 | 544.150 |
| g. | Research | 11.798 | 19.630 |
| h. | Library Expenses | 9.559 | 14.586 |
| 5. | **Total Establishment Charges [4 a to e]** | **291.950** | **339.909** |
| 6. | **Total Non Salary Expenses [4 f to h]** | **377.984** | **578.366** |
| **B.** | **Total Expenditures [5 + 6]** | **669.934** | **918.275** |
| **C.** | **Surplus / Deficit [A - B]** | **(73.734)** | **(2.809)** |

# Self Generated Income

[Million Rs.]

| Code No. | Budget Heads | 2014-15 Actual | 2015-16 Actual |
|---|---|---|---|
| **C02813** | **Education General Fees [301 - 390]** | **253.410** | **259.568** |
| C0281301 | Admission Fees | 8.246 | 7.951 |
| C0281306 | Tuition Fees - Regular Fee Structure | 133.409 | 135.150 |
| C0281322 | Registration Fees - University Students Only (MS/ Ph.D) | 2.300 | - |
| C0281332 | Examination Fees-University On Campus Students | 17.708 | 17.650 |
| C0281341 | Library Fees | 17.708 | 17.650 |
| C0281346 | Degree / Transcript Fee etc. | 1.020 | 0.514 |
| C0281353 | Development charges+Page Spider+Foundation Program+Summer Program & Crash Program | 73.019 | 80.653 |
| **C02812** | **Hostel Fees / User Charges [201 - 226]** | **26.673** | **27.350** |
| C0281201 | Hostel Admission Fees | 23.513 | 23.500 |
| C0281226 | Other Misc. Charges (Cafeteria+Tender Money + Auditorium) | 3.160 | 3.850 |
| **C02810** | **Income from Endowments** | **1.400** | **13.130** |
| **C02815** | **Income from Services Rendered [501 - 531]** | **4.000** | **5.000** |
| C0281501 | Income from Collaborative Research - Domestic (ORIC) | 4.000 | 5.000 |
| **C02815** | **Income from Consultancy & Testing [536 - 561]** | **3.000** | **5.500** |
| C0281561 | Income from Testing Services etc. | 3.000 | 5.500 |
| **C02815** | **Income from Regeneration & Development Programs [566 - 572]** | **6.500** | **9.500** |
| C0281572 | Income From Regeneration & Development Programs - Others (Executive Development Centre) | 6.500 | 9.500 |
| **C02815-6** | **Income from Intellectual Property [575 - 610]** | **0.500** | **1.000** |
| C0281610 | Receipts from Alumni | 0.500 | 1.000 |
| **C02818** | **Others [809 - 870]** | **2.000** | **1.140** |
| C0281870 | Other Misc. Receipts | 2.000 | 1.140 |
| **Total Own Resources** | | **297.483** | **322.188** |

# Student Strength 2015-2016 (Actual)

| Name of Teaching Department | Actual Strength (2015-16) | | | | |
|---|---|---|---|---|---|
| | Bachelor | Master | M.Phil/ MS | PhD | Total |
| **Business/Management Sciences** | 1194 | 313 | 109 | 15 | 1631 |
| **Foundation Semester** | 360 | 210 | 0 | 0 | 570 |
| **Computer Science/IT** | 330 | 0 | 34 | 3 | 367 |
| **Foundation Semester** | 160 | 0 | 0 | 0 | 160 |
| **Engineering** | 534 | 0 | 0 | 0 | 534 |
| **Foundation Semester** | 230 | 0 | 0 | 0 | 230 |
| **Mathematics** | 22 | 0 | 42 | 0 | 64 |
| **Foundation Semester** | 30 | 0 | 0 | 0 | 30 |
| **Accounting & Finance (BS Accounting)** | 51 | 0 | 0 | 0 | 51 |
| **Foundation Semester** | 50 | 0 | 0 | 0 | 50 |
| **Education** | 150 | 0 | 0 | 0 | 150 |
| **Foundation Semester** | 45 | 0 | 0 | 0 | 45 |
| **Total** | **3156** | **523** | **185** | **18** | **3882** |

# University Governance

## Academic Council

## List of Senate Sukkur IBA

## Syndicate of Sukkur IBA

# Academic Council

| | | |
|---|---|---|
| (a) | the Director who shall be the Chairperson | **Mr. Nisar Ahmed Siddiqui** |
| (b) | the Deans of faculties and such heads of departments as may be prescribed. | The sitting deans of faculties and heads of all departments |
| (c) | five members representing the departments and the constituent colleges to be elected in the manner prescribed by the Senate | 1. **Prof. Dr. Niaz Ahmed Bhutto** <br> Professor / HoD <br> Business Administration <br><br> 2. **Dr. Waqar Akram** <br> Associate Professor <br><br> 3. **Dr. Abdul Qadir Rahimoon** <br> Assistant Professor <br><br> 4. **Dr. Ajmal Sawand** <br> Assistant Professor <br><br> 5. **Mr. Faheem Akhter Rajput** <br> Assistant Professor |
| (d) | two Principals of affiliated colleges | When available |
| (e) | five Professors including emeritus professors | 1. **Prof. Dr. Madad Ali Shah** <br> Professor/HoD, Electrical Engineering <br><br> 2. **Dr. Qamar Uddin Khand** <br> Associate Professor, Computer Science <br><br> 3. **Dr. Irfan Ahmed Rind** <br> Assistant Professor/HoD, <br> Education Department <br><br> 4. **Dr. Abdul Rehman Soomrani** <br> Associate Professor/HoD, <br> Computer Science <br><br> 5. **Dr. Zulfiqar Ali Memon** <br> Associate Professor <br> Computer Science |
| (f) | Six members from different subject fields | 1. **Prof. Dr. M. Nishat** <br> Associate Dean Faculty of Business Administration <br> IBA Karachi <br><br> 2. **Mr. Khalid S. Subhani** <br> President & Chief Executive Officer Engro Polymer <br> and Chemicals Limited <br><br> 3. **Prof. Dr. Zubair A. Shaikh** <br> Executive Director, STEDA <br><br> 4. **Madam Jehan Ara** <br> President P@sha <br><br> 5. **Prof. Dr. Muhammad Younus Javed** <br> Dean Computer Engineering, NUST Rawalpindi <br><br> 6. **Dr. Muhammad Riaz Suddle** <br> Member Science SUPARCO Lahore |
| (f) | the Registrar | **Engr. Zahid Hussain Khand** |
| (g) | the Controller of Examinations | **Mr. Imran Khan** |
| (h) | the Librarian | **Mr. Aamir A. Subhani** |

# List of Senate Sukkur IBA

**Justice Salahuddin Panhwar**
Chairman, Senate Sukkur IBA

**Secretary**
Education and Literacy Department, Government of Sindh

**Prof. Nisar Ahmed Siddiqui**
Dean and Director Sukkur IBA

**Mr. Muhammad Abbas Baloch**
Commissioner Sukkur and Member Senate

**Mr. Iqbal Ahmed Arain**
President Sukkur Chamber of Commerce and Industry

**Prince Hassan Ali Khan**
MD Continental Biscuits Ltd. (LU)

**Mr. Khalid Siraj Subhani,**
Former President & CEO, Engro Corporation Limited

**Madam Naheed Durani**
Managing Director, Sindh Education Foundation (SEF)

**Prof. Dr. Zubair A. Shaikh**
President, Muhammad Ali Jannah University Karachi

**Mr. Fazlullah Qureshi**
Ex. Federal Secretary

**Justice (R) Syed Ali Aslam Jafferi**
Ex- Federal Insurance Ombudsman

**Prof. Dr. Mohammad Nishat**
Associate Dean IBA Karachi & HEC Nominee

**Prof. Niaz Ahmed Bhutto**
Professor & HoD Business Administration

**Dr. M. Abdul Rehman Soomrani**
Associate Professor & HoD Computer Science

**Dr. Syed Mir Muhammad Shah**
Assistant Professor

**Mr. Ubedullah Memon**
Lecturer

**Mr. Danish Shamsi**
Alumni Sukkur IBA

**Engr. Zahid Hussain Khand**
Registrar and Secretary Senate Sukkur IBA

# Syndicate of Sukkur IBA
## List of Members

| S# | Name | Designation |
|---|---|---|
| 01 | **Prof. Nisar Ahmed Siddiqui** | **Chairperson** <br> Dean &Director, Sukkur IBA |
| 02 | **Engr. Zahid Hussain Khand** | **Member** <br> Registrar, Sukkur IBA |
| 03 | **Dr. Qamar Uddin Khand** | **Member** <br> Associate Professor |
| 04 | **Dr. M. Asim Ali Samejo** | **Member** <br> Assistant Professor |
| 05 | **Mr. Akseer Hussain Solangi** | **Member** <br> Assistant Professor |
| 06 | **Mr. Feroze Ahmed Mahar** | **Member** <br> Treasurer(Acting) |
| 07 | **Dr. Faheem A. Chachar** | **Special Invitation** <br> Assistant Professor/HoD, Electrical Engineering |
| 08 | **Dr. M. Abdul Rehman Soomrani** | **Special Invitation** <br> Associate Professor/HoD, Computer Science |
| 9 | **Dr. Niaz Ahmed Bhutto** | **Special Invitation** <br> Professor/HoD, Business Administration |
| 10 | **Dr. Irfan Ahmed Rind** | **Special Invitation** <br> Assistant Professor/HoD, Education |
| 11 | **Dr. Javed Hussain Brohi** | **Special Invitation** <br> Assistant Professor/HoD, Mathematics |
| 12 | **Dr. Sher Muhammad Daudpota** | **Special Invitation** <br> Director QEC |
| 13 | **Mr. Imran Khan** | **Member** <br> Controller of Examinations |

# Office of Resources Generation

## Diploma Award by WWWF Pakistan for Compliance of Green Office Criteria

## Introduction

Sukkur IBA since its inception has been striving to eliminate the rural and urban education gap by providing quality education at an affordable cost.

Most of the students at Sukkur IBA come from rural and remote areas and majority of students belong to poor and humble family background. These students are suffering from two kinds of poverty i.e. academic poverty and financial poverty. Sukkur IBA is working to offset these two kinds of poverty by providing quality education with modern teaching methods and arranging different scholarships for needy and talented students.

# Diploma Award by WWWF Pakistan for Compliance of Green Office Criteria

Sukkur IBA is adopting and implementing the policy of WWF under Green Office Initiative to reduce the consumption of natural resources. In the recognition of services and performance of this initiative Sukkur IBA has been awarded the Diploma for compliance of Green Office Criteria on May 29, 2015.

Sukkur IBA also implements an Environmental Management System which carries the WWF Pakistan Green Office Label.

MoU's Between Sukkur IBA & Other Universities / Stakeholders
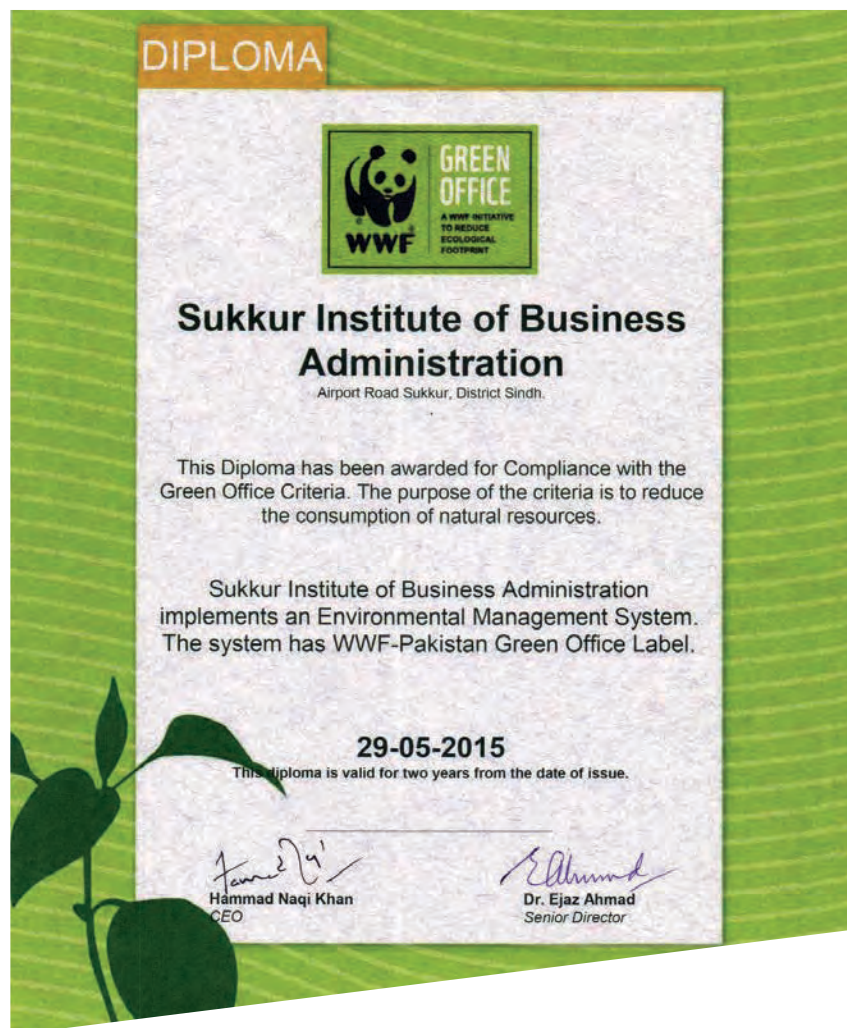


| S. No. | MoU Stakeholders Name | Date |
|--------|----------------------|------|
| 01 | Hainan Tropical Ocean University, Sanya | 04-05-2016 |
| 02 | IBA Community College Ghotki, Government of Sindh | 16-11-2015 |
| 03 | Public School Ubauro – IBA Community College Ubauro, Government of Sindh | 7-09-2015 |
| 04 | STEVTA – VTC Khairpur, Government of Sindh | 14-12-2015 |
| 05 | Indus University, Karachi | 10-03-2015 |

## MoU with Hainan Tropical Ocean University Sanya

This MoU was signed between Sukkur IBA and Hainan Tropical Ocean University Sanya, China in 2016. The purpose of this agreement was to develop academic and education cooperation and to promote mutual understanding between two institutions. Both universities agreed to collaboration on student exchange, student internships, research project, lecture seminars etc.

## MoU with Government of Sindh to Establish Community College Ghotki

This MoU was signed between Islamia Cooperative Education Society on behalf of Government of Sindh and Sukkur IBA to establish IBA Community College Ghotki in year 2015. The purpose of this agreement was to handover the Islamia Public Higher Secondary School to Sukkur IBA and name it as IBA Community College.

## MoU with Government of Sindh to Establish Community College Ubauro

This MoU was signed between Education and Literacy Department, Government of Sindh and Sukkur IBA to establish IBA Community College Ubauro in year 2015. The purpose of this agreement was to handover the building and other physical facilities of to Sukkur IBA to establish IBA Community College Ubauro.

## MoU with STEVTA and Sukkur IBA to handover VTC Khairpur Mirs

This MoU was signed between Sindh Technical Education and Vocational Training Authority, Government of Sindh and Sukkur IBA in year 2015. The purpose of this agreement was to handover the Vocational Training Center (VTC) Khairpur Mirs building and facilities to Sukkur IBA to run it smoothly.

## MoU with Indus University Karachi and Sukkur IBA

This MoU was signed between Indus University Karachi and Sukkur IBA in year 2015. The purpose of this agreement was to increase collaboration between two institutions on different areas including faculty and staff exchange, student exchange programs, promoting cooperation in research and development, carrying out collaborative projects and academic activities etc.

# Health

# Medical/ Emergency First Aid Services

# Establishment of Clinic and Medical Advisory Office

# Medical/ Emergency First Aid

The Sukkur IBA is one of prestigious institutes where students, staff and faculty may receive the medical/emergency first aid service and counseling/mental health support services. We primarily serve the IBA community on the campus.

# Services

- **Primary care**
- **Medical Facility**
- **First Aid Boxes availability at all important locations**

- **Mental Health Services**
- **Nutrition (during academic year)**

## Purpose

To establish a uniform standard and facility of Environmental Health and Safety for First Aid Supplies at Sukkur IBA.

## Policy

To establish a uniform standard and facility of Environmental Health and Safety for First Aid Supplies at Sukkur IBA.

A. Sukkur IBA Department offices and all Academic Blocks/laboratories should make first aid kits accessible for use by the IBA community.

B. Any manufacturer's kit may be used provided the contents comply with the restrictions.

C. First Aid Kits are available at all Academic Block, Labs and Laboratories and at all residential facilities, blocks and hostels.

D. First Aid Kits should be visible or a sign should be displayed indicating its placement location.

E. Not to dispense or administer any medications, including common pain relievers.

F. Not to put any ointments or creams on wounds or burns; use ice, cold pack or cold water.

G. Always call Deputy Registrar to obtain qualified medical

assistance for persons who require medical treatment. If you are trained and provide first aid, direct or transport the injured person to a medical facility for further examination.

H. Wear examination gloves and eye protection when rendering assistance for any situation involving contact with blood or other body fluids.

# Establishment of Clinic and Medical Advisory Office

Sukkur IBA has established a free medical care/clinic separately for girls and boys students and staff of Sukkur IBA. The 02 general physicians i.e one for girls and one for boys are appointed for both clinics. The timings for both clinics are from 4:00 pm to 9:00 pm for all the community of Sukkur IBA by providing support in first aid, medical facility and free medical advisory services.

The university clinic is also providing support to faculty, officers and staff of Sukkur IBA for obtaining free medical fitness certificate and other standard medical tests as prescribed by our general physicians.

In these clinics all the data of patients are kept on the computerized record and personal files/cards with patients' medical history for quick diagnosis and recommendations to all the students, faculty and staff members of Sukkur IBA.

# Accreditation and Linkages

## International Accreditation of Programs

## National Accreditation of Programs

Sukkur IBA has attained membership of international quality assurance networks and institutions in order to raise the quality and standard of education. At the moment, institute is member of various national and international accreditation bodies. These memberships are aimed at enhancing the overall standard of education at institute-level, implementing quality practices at every individual component of the institute and providing trainings and professional development to quality assurance professionals.

# International Accreditation of Programs

## AACSB International

Advanced Collegiate Schools of Business (AACSB) provides internationally recognized, specialized accreditation for business and accounting programs at the bachelor's, master's, and doctoral level. The AACSB Accreditation Standards challenge post-secondary educators to pursue excellence and continuous improvement throughout their business programs. AACSB Accreditation is known, worldwide, as the longest standing, most recognized form of specialized/professional accreditation an institution and its business programs can earn. Sukkur IBA currently the member of AACSB and our application for initial accreditation process has been accepted and mentor is also provided by AACSB.

## International Network for Quality Assurance Agencies in Higher Education (INQAAHE)

The International Network for Quality Assurance Agencies in Higher Education (INQAAHE) was established in 1991 with only 8 members. Today the total membership exceeds 250 members. Higher education has dramatically changed over the last two decades. Higher education has become more global than ever. Professional accreditation has become more important as more higher education institutions, delivering programs in different modes, enter the market.

## The Association of Management Development Institutions in South Asia (AMDISA)

The Association of Management Development Institutions in South Asia (AMDISA) was established in 1988, with the initiative of leading management development institutions in the South Asian Association for Regional Cooperation (SAARC) region. AMDISA is an international not-for-profit association, and is a "SAARC Recognized Body". It has 206 Members, of which 187 are Institutional Members from the SAARC region, 4 Affiliate Members, 1 Corporate Member and 14 Reciprocal Members. Membership is available to management development networks all over the world.

Sukkur IBA is currently the member of AMDISA and pursuing for accreditation, recently a member is also nominated for accreditation process.

## The Asia-Pacific Quality Network (APQN)

The Asia-Pacific Quality Network (APQN) has been developed with the purpose of serving the needs of quality assurance agencies in higher education in a region that contains over half the world's population. Many people have contributed to the development of the Network, especially the support from World Bank and UNESCO. The devotion

and collaboration have brought the continuous expansion and growth of APQN.

## Tufts University Talloires Network

The Talloires Network is an international association of

institutions worldwide committed to strengthen the civic roles and social responsibilities of higher education. It works together with universities to implement the recommendations of

# National Accreditation of Programs

## National Business Education Accreditation Council (NBEAC)

National Business Education Accreditation Council is a body to assure quality in Business Administration/Public Administration/Management Sciences degree programs according to the proposed accreditation in educational institutions. It requires a program to meet certain defined standards or

## National Computing Education Accreditation Council (NCEAC)

National Computing Education Accreditation Council looks after the matters regarding the accreditation of institutions and their departments, faculties and disciplines by giving them appropriate ratings and defining the organization's objectives, functions and duties to be performed. It periodically evaluates, scrutinizes and monitors the

This council awarded the highest category "W" to Sukkur IBA's Computer Science programs.

## Pakistan Engineering Council (PEC)

Pakistan Engineering Council is a statutory body to regulate the engineering profession in the country so that it functions as a key driving force for achieving rapid and sustainable growth in all national, economic and social fields. The council as its mission sets and maintains realistic and internationally relevant standards of

# Sukkur IBA Center for Entrepreneurial Leadership and Incubation (CELInc.)

## Services at CEL&Inc.

## New-Startups Incubated

## Startups Graduated

## Incubation of Social Enterprise at CEL&Inc.

## Trainings, Seminars, Workshops, Webinars and Online Sessions Organized by CEL&Inc.

## Events organized by CEL&Inc.

## Memorandum of Understanding Signed

# Introduction

Sukkur IBA assigns utmost importance to entrepreneurship. Under the patronage of Management of Sukkur IBA, a unique and innovative journey of the establishment of Center for Entrepreneurial Leadership and Incubation (CEL&Inc.) took place in 2012. It was an ambitious plan to do something that has never been attempted in the region by any other institute. The CEL&Inc. helps to translate new and innovative ideas into economically viable products and services with aim to contribute vibrant tech and agro based economy in Pakistan which is achieved through innovation culture, incubation, collaboration, entrepreneurship curriculum development, entrepreneurial research, conferences, community interventions, mentorship and global outreach programs. The CEL&Inc. provides support to young entrepreneurs in the form of consultations, connecting them with national and international marketing through its existing networking.

Our vision is 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.

The management of CEL&Inc. is convinced and determined that entrepreneurship is the solution for the youth employment and economic development of the country. Keeping in view the importance of entrepreneurship CEL&Inc. is supporting students, alumni and members of local community in initiating their start-ups. Due to innovation culture and continuous mentoring, networking and training CEL&Inc. incubated 9 new startups in 2015-16 which has total investment of of Rs. 9.325 million. The incubated new-startups employed 53 individuals and 10 internees with annual revenue above Rs. 12.199 million. Currently, CEL&Inc. is building a university driven entrepreneurial ecosystem virus in the region with the support of government, universities, community and international partners to further contribute new agro and tech based entrepreneurs to the national economy.

Our mission is 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,

During the year 2015-16 CEL&Inc. 7 startups graduated from the incubation and won Medal of Innovation award from the Pakistan Innovation Foundation, received best Partner Award from the President of Pakistan for implementing PMYSDP under NAVTTC vocational skill development project. The mentored and trained students won DICE Business Plan Competition, and different skill competitions at national level.

# 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 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 series 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 like.

## (g) Entrepreneurship Development Program

The CEL&Inc offers different degree, diploma, certificates, workshops and seminars to th e 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 entrepreneur culture, to promote youth entrepreneurship, woman entrepreneurship, skill development and community development with different national and international organization.

# New-Startups Incubated

The CEL&Inc. mentored and incubated 9 new startups in 2015-16 in the sector of IT, software, garments, renewable energy, handicrafts and advertising which has total investment of Rs. 9.325 million.

The incubated new-startups employed 53 individuals and 10 internees with annual revenue above Rs. 12.199 million. The most successful startup were silver point which is currently exporting software

and rending services in Saudi Arabia and Japan and GoTech Enterprise whereas, others are proving services in national market and are in the process of targeting the international market.

| S.No. | Name of Startup | Type of Industry | Registered With | Name of Entrepreneur |
|---|---|---|---|---|
| 1 | GoTech | IT | SRTN 3277876120985 & NTN 4431138-9 | Attehar Hussain |
| 1 | BISM | IT/Software | | Jehanzeb Shah |
| 1 | Girls Choice Point | Garments | | Lareb Gabol |
| 1 | Silver Point Communication | IT/Software | SEB-Z-25-3105-16, NTN/SECP-7146290-2, SCCI-527 | Saleem Ahmed |
| 1 | Shifa Beauty Consultant | Service | | Shifa Naz |
| 1 | Solar Power Distribution | Renewable Energy | | Abdul Basit |
| 1 | Desert Collection | Handicrafts | | Bharat Kumar |
| 1 | BIZZTech | IT/Software | NTN-7184614-4 | Muhammad Ammar |
| 1 | First Home Adv. Agency | Advertising | | Ghalib Ahmed |
| 1 | Times IT Solutions | IT/Software | | Nizamuddin |

# Startups Graduated

The CEL&Inc. graduated 6 new start-ups incubated at CEL&Inc. completed their accelerator program ranging from 3 months to 12 months in the sector of digital designing, IT, renewable energy, consultancy and

incubated 9 new startups in 2015-16 in the sector of IT, software, garments, renewable energy, consultancy and software. These graduated statrusp were from community, alumni of Sukkur IBA and

current enrolled students. During their accelerator program, CEL&Inc. provided them space, free internet, sharing services, idea development, idea launch and testing under the supervision of mentors.

| S. No. | Name of Startup | Type of Industry | Name of Entrepreneur | Year of Startup | Year of Graduation |
|---|---|---|---|---|---|
| 1 | FortyGraphy | Digital Designing | Mr. Kazim Ali | 01-04-2014. | 2015 |
| 2 | CoaxMe | IT | Mr. Rab Nawaz | 09-08-2014. | 2015 |
| 3 | Invest Waste | Reneawble Energy | Mr. Safdar Abbas | 09-10-2014. | 2015 |
| 4 | Tic Toe Consulting | Consultancy | Mr. Imran | 2014 | 2015 |
| 5 | Viz Mind | Software | Mr. Tahir Rafique | 05-05-2015. | 2015 |
| 6 | Indusun | Reneawble Energy | Mr. Faisal Khokhar | 2014 | 2016 |

# Incubation of Social Enterprise at CEL&Inc.

Two groups of students and staff of CEL&Inc. and a faculty member were trained by British Council on Social Enterprise under MoU with Sukkur IBA. CEL&Inc. After successful training incubated one successful social enterprise with the name of

Desert Collections. Desert Collections is a social enterprise initiative started by students of Sukkur IBA after receiving training from British Council about development of Social Enterprise. The idea focuses on empowering

women from Thar Pakistan, by helping them in developing cultural products with innovation and selling them in national and international market by using modern social media and websites.
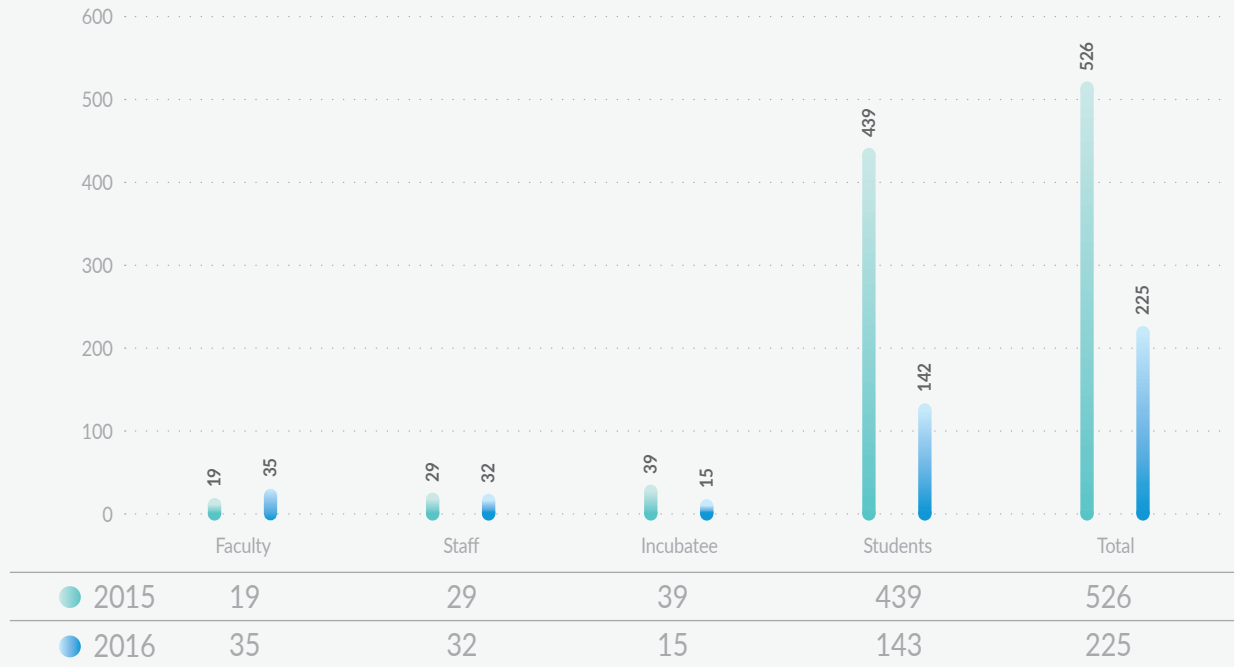
# Trainings, seminars, Workshops, Webinars and Online Sessions Organized by CEL&Inc.

The CEL&Inc. strongly believes in the promotion of entrepreneurial culture within the university and capacity building of employees, faculty and students for startups. Keeping in view the importance of capacity building CEL&Inc. made collaboration with national and international organizations and organized 14 trainings, workshops, seminars and online sessions during the year 2015-16 and 751 participants were trained which helped to further strengthen the already established entrepreneurial ecosystem and motivated students to launch new startups. These trainings also helped the Incubatees in networking with other stakeholders.

## Trainings, Seminars, Workshops, Webinars and Online Sessions by CEL & Inc.

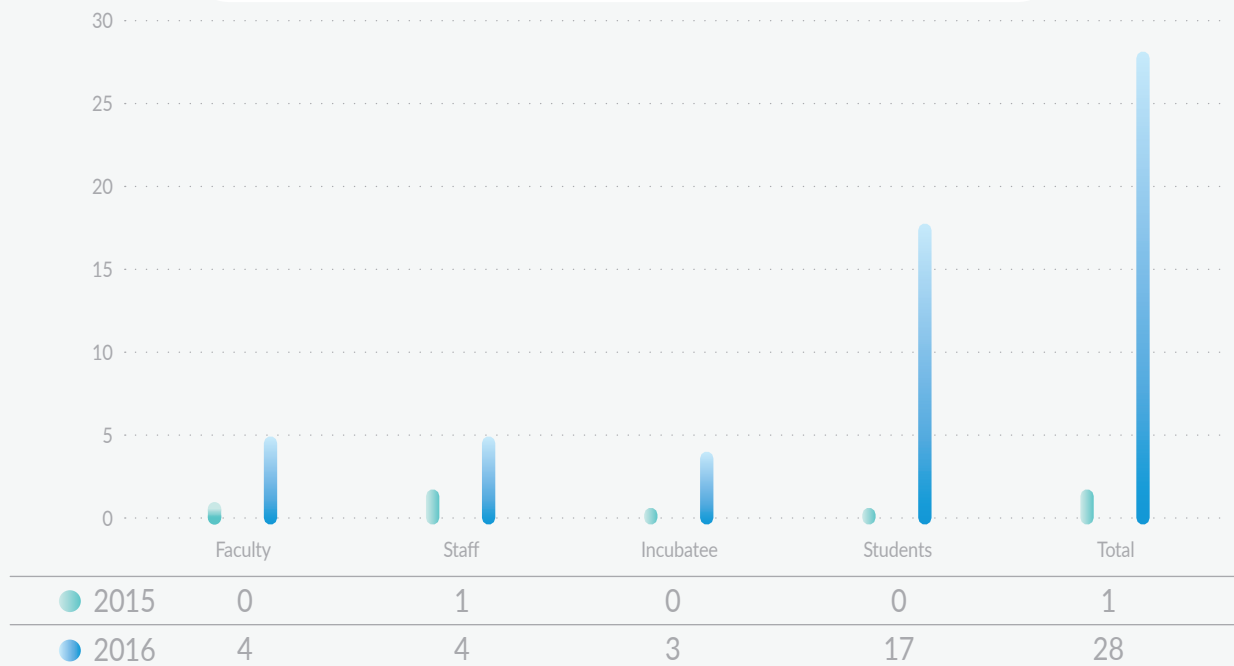| | Faculty | Staff | Incubatee | Students | Total |
|---|---|---|---|---|---|
| ● 2015 | 19 | 29 | 39 | 439 | 526 |
| ● 2016 | 35 | 32 | 15 | 143 | 225 |

1. CEL&Inc. Recommendation for Entrepreneurship Capacity Building of Faculty, Staff, Incubatee and Students

A part of in house trainings on entrepreneurship the CEL&Inc. equally realizes the importance of development made in the field of entrepreneurship by other higher educational institutes and organizations. CEL&Inc. recommended faculty, staff and students for the skill and professional development. 29 participants were recommended for trainings and professional development programs of British Council, IBA Karachi and ISRA University & Ball State University USA's trainings and seminars.

## Recommendation for Enterpreneurship Capacity Building of Faculty, Staff, Incubatee and Students

| | Faculty | Staff | Incubatee | Students | Total |
|---|---|---|---|---|---|
| ● 2015 | 0 | 1 | 0 | 0 | 1 |
| ● 2016 | 4 | 4 | 3 | 17 | 28 |

# Events organized by CEL & Inc.

Center for Entrepreneurial Leadership and Incubation organized number of entrepreneurial events during the year 2015-16 to promote entrepreneurship culture at Sukkur IBA. These events were focused to give Sukkur IBA family an opportunity to come with innovative idea and make prototypes for exhibition among such exhibition Eid exhibition and Sukkur IBA DICE VIC16 attracted large number of ideas and prototypes from students.

CEL&Inc. in collaboration with DICE Foundation USA organized DICE VIC'16 on 16&17-08-2016 to promote entrepreneurship culture at Sukkur IBA. DICE VIC16 organizing committee in collaboration with MADP society organized a business plan competition in which more than 48 teams participated, out of them top 25 teams found their way to final exhibitions of their prototypes, held on 16th August 2016 at 2nd floor knowledge center. Later, 10 innovative business projects were selected for the final phase of presentations on 17th of August before highly qualified entrepreneurship PhD faculty and professionals and business experts. Director Sukkur IBA along with Registrar Sukkur IBA presented the shields to winning team Miracle workers, 1st runner up team Innovation and 2nd runner up team technoprenuers and cheque were also awarded to winning teams. A cultural night was also organized on 16th August 2016, as refresher for Sukkur IBA family, this cultural night was aimed to unite all the cultures of Pakistan, in this students had cultural dances, cultural show and songs that won hearts of people at SIBA. In addition to this THE SKETCHES band spread cultural colors among crowds with folk songs! The cultural night integrated all the cultures and united them over their sole identity and learns the ropes. With this DICE team started small and done bigger. The colors, ecstasy, enjoyment, sparkles and celebrations were at peak. In tying cultures together SRSO had played major role being cultural ambassador for DICE VIC'16. In last worthy Director Sukkur IBA appreciated the efforts of SIBA Entrepreneurship Society and CEL&Inc. for promoting entrepreneurship and culture of the country.

| S. No. | Event | Date | Partners | Output |
|--------|-------|------|----------|--------|
| 1 | Eid Exhibition | I5 to 19-09-2016 | CEI&Inc., Incubatees and students | 3 Stalls |
| 1 | National Skills Competition | 08-02-2016 | NAVTTC, Sukkur IBA & 16 Vocational Institutes | 3 Prizes-Sukkur IBA |
| 1 | Flash Mob DICE VIC16 | 13-04-2016 | DICE Foundation, USA & Sukkur IBA | 102 Ideas received |
| 1 | Sukkur IBA DICE VIC 16 Exhibition | 16-07-2016 | DICE Foundation, USA, SRSO, SMEDA, NBP, SCC&I& Sukkur IBA | 25 Teams |
| 1 | Cultural Night | 1607-2016 | DICE Foundation, USA, SRSO, SMEDA, NBP, SCC&I & Sukkur IBA | |
| 1 | Sukkur IBA DICE VIC 16-Idea Pitch | 17-07-2016 | DICE Foundation, USA, SRSO, SMEDA, NBP, SCC&I& Sukkur IBA | Top 10 teams & 310 participants |

2. CEL&Inc and Sukkur IBA Entrepreneurship Society organized Cultural Night

Cultural night was organized on 16th August 2016, to celebrate the achievements and culture for Sukkur IBA family, this cultural night was aimed to unite all the cultures of Pakistan, in this students had cultural dances, cultural show and songs that won hearts of people at SIBA. In addition to this THE SKETCHES band spread cultural colors among crowds with folk songs! The cultural night integrated all the cultures and united them over their sole identity and learns the ropes. With this DICE team started small and done bigger. The colors, ecstasy, enjoyment, sparkles and celebrations were at peak. In tying cultures together SRSO had played major role being cultural ambassador for DICE VIC'16.

## 10 Students Achievement after Mentoring and Preparing by CEL&Inc.

CEL&Inc. throughout the year mentors and train the students of different degree programs at Sukkur IBA to participate in national and international competitions. This contentious mentoring and training has resulted in number of top positions in different entrepreneurial competitions. The most important among them are National DICE business plan competition, Medal of Innovation, Social Enterprise Challenge BDS-NUS-Singapore. The details of achievements are given below:

## Memorandum of Understanding Signed

CEL&Inc. also have been engaged in developing synergy and collaboration with other national and international organizations who are engaged in the promotion of entrepreneurship. Which resulted in signing of number of MoUs among most important is the MoU with DICE Foundation USA USA on 11th December, 2015 for the purpose of establishing student chapter at Sukkur IBA to promote innovation and entrepreneurship culture within Sukkur IBA and to host an annual DICE virtual Business Plan Competition. The other MoUs were signed with NAVTTC, SZABIST and BBSYDP to train unemployed youth on vocational skills so that they can be easily employed.

| S. No. | Date | Event | Location | Idea/ Business Plan | Name of Student | Class | No. of Students | Output |
|---|---|---|---|---|---|---|---|---|
| 1 | 14-05-2015 | All Pakistan VU B.P. Competition | SukkurIBA | Student Tech | Sonam Ramchand & Junaid | BS-SE-II | 2 | Top 10 |
| 2 | 21 & 22-08-2015 | Dice Health Innovation Karachi | Dow Univeristy | Smart Heart Monitoring Sys | Vishal, Afzal & Mehran | BE | 5 | 1st position in poster |
| 3 | 14-11-2015 | MIT Forum of Pakistan | Karachi | Education App | Waqas, Muzamil, Fazul & Marym | BS-SE-II | 3 | 4 th in Women Category |
| 4 | 25 & 26-11-2015 | National Dice B. Plan Comp. Univeirsity of Agrl. | Faisalabad | Cultural Mash | Mahnoor, Zeeshan, Kanwal | BS & 8 BA | 4 | 2nd position |
| 5 | 09-12-2015 | Pakistan Innovation Award | Islamabad | Education App | Waqas, Muzamil, Fazul & Marym | BS & BBA | 3 | 1st Position in Education C. |
| 6 | 08-02-2016 | Regional Skills Competition | SukkurIBA | CA&GE | Jawad, Attaullah & Monika | PMYSDP PhaseII | 3 | 1,1&3 positions |
| 7 | 02 to 03-03-2016 | Provincial Skills Competition | Expo Center Karachi | CA&GE | Monika & Attaullah | PMYSDP PhaseII | 3 | 1 & 2 positions |
| 8 | 24-04-2016 | Stratup Cup Pakistan | Karachi | Bio Degradable Plastic | Azaeb & Anees Ahmed | BS-Accounting | 2 | Top 25 |
| 9 | 24-04-2016 | Stratup Cup Pakistan | Karachi | Remote Tech | Hassan Raza & Atiqa | | 2 | Top 25 |
| 10 | 28-05-2016 | Stratup Cup Pakistan | DilKusha Forum Karachi | Bio Degradable Plastic | Azaeb & Anees Ahmed | BS-Accounting | 2 | Top 12 |
| 11 | 22-06-2016 | Social Vent Challenge Asia 2016 | BDS-NUS Singapore | Solar Power Distribution | Abdul Basit | Incubatee | 1 | 120 out of 1000 |
| 12 | 05-06-2016 | Peachtree Accounting Compet | SukkurIBA | Accounting | Kashan, Chandni, Amjad & Gurya | PMYSDP PhaseII | 12 | 1st & 3rd positions |

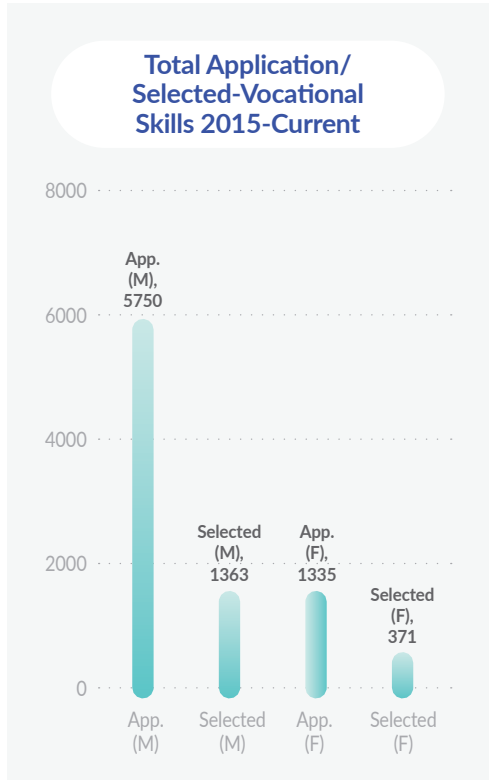| S. No. | Date | MoU | Partners |
|---|---|---|---|
| 1 | 22-01-2015 | Higher Education Commission, Islamabad & Sukkur IBA for implementing SIYB Program at Sukkur IBA. | HEC& Sukkur IBA |
| 2 | 10-04-2015 | NAVTTC for Prime Minister Youth Skill Development Program Phase 1 (Drop-out) to train 50 youth. | NAVTTC |
| 3 | 25-05-2015 | NAVTTC for Prime Minister Youth Skill Development Program Phase II to train 225 youth under different skill programs. | NAVTTC |
| 4 | 15-06-2015 | SZABIST, Karachi for promoting entrepreneurial culture through resource sharing and learning. | SZABIST |
| 5 | 11-12-2015 | Dice Foundation for promoting entrepreneurial culture and opening of Dice chapter. | DICE Foundation |
| 6 | 22-01-2016 | NAVTTC for Prime Minister Hunarmand Program to train 110 youth under different skill programs at IBA Community Colleges. | NAVTTC |
| 7 | 02-05-2016 | NAVTTC for Prime Minister Youth Skill Development Program Phase III to train 175 youth under different skill programs. | NAVTTC |

3. Projects on Necessity Entrepreneurship Development Program of Sukkur IBA and Vocational Skills Development

CEL&Inc. completed 5 projects in 2015-16 on entrepreneurship and vocational skills development. Total ills

demanded vocational skills include solar system assembly, general electrician, Building electrician, entrepreneurship, early childhood education CCNA, banking and accounting, and computer hardware technician. The selected students were later trained on entrepreneurship and incubated for
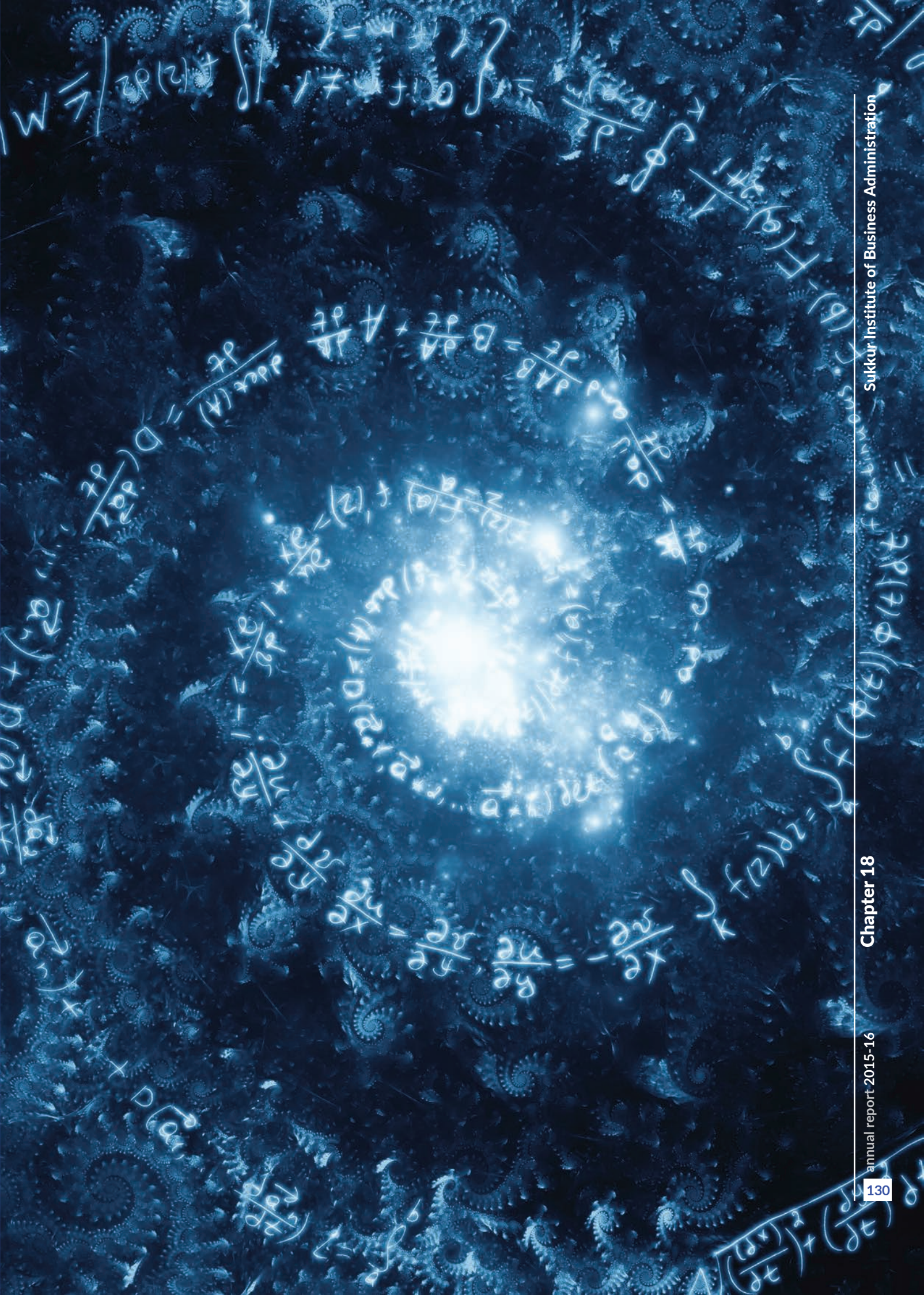
### Total Application/ Selected-Vocational Skills 2015-Current



App. (M), 5750
Selected (M), 1363
App. (F), 1335
Selected (F), 371

### Trade Wise Selection



C. Acc. 8%
G.E 11%
SSA 12%
BSW 12%
BHK 3%
MVM 1%
BE 3%
ACAD 4%
GD 3%
CHNT 12%
CCNA 6%
Enter. 8%
B&Acc. 7%
Mkg/ Sales 1%
Mobil App. 1%
Chinese L. 3%
ECE 4%

# Sukkur IBA Knowledge Center

# Collections

# Friends of Library

# Depository Collection

# Electronic Databases

# INTRODUCTION

Sukkur IBA library serves as catalyst in supplying resources and services to support the goal of Sukkur institute of business administration. Library assist in the development of information literacy by providing instructions on the use all types of library materials and provide assistance to community beyond the confines of the institute. Literacy possesses a collection around 45,000 print books and more than 100,000 electronic books, accessible via digital library. The library subscribes 30 print journals 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.

# Collection

The university library's collection comprises of more than 45,000 volumes housed in Sukkur IBA library. Holdings are strong in all academic disciplines with notable collection in business administration, computer science, engineering and education. Besides subscription to search journals, library also subscribes to five national and one foreign newspaper, Dawn, The News, Business recorder, Express Tribune.

# Friends of Library

Library welcomes unconditional donations. 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 is a depository of Asian Development Bank (ADB). The publication of ADB 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.

### CD / DVD ROMs

Sukkur IBA library possesses more than 400 CDs and DVDs. This educational material can be utilized within library premises. For this purpose, multimedia center is equipped with 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 science. 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 E-Library

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 so 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.

## 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 |

## 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 his/her 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 Content Service

Table of content 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 even 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 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 gateway to library resources, systems and services. Users can not only access library resources and services through the website but also contact library staff for replies 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 library. Library disclaims 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 held responsible for defacing or damaging or causing loss of library material in their possession.
- In case of study in the library, after consultation the library material 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.
- Drinks (except water) and eatables 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 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 encourage timely return of library materials and to provide optimal sharing of the collections, fines are charged 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 or damage, 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 allocated 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 only paid through bank challan. Library account will be blocked 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 returned 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 library operates in following hours:

Monday to Saturday ..............................................................................................................................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 Administration.

# Green Office Initiative

## Communication Strategy

## Events & Activities

Green Office was started in collaboration with WWF Pakistan for environmental sustainability. The aims of the program are to create awareness among the Sukkur IBA community, to reduce their burden on the natural environment, slow down climate change by reducing carbon emission, to increase the sustainability of the institute by continuous efforts for reduction on environmental burden and the use of natural resources in a positive manner.

Sukkur IBA has wide sustainability principles and is committed to reducing its Greenhouse Gas (GHG) emissions. Green (or environmentally sustainable)

buildings contribute to improved health, comfort and productivity of their residents by utilizing more natural light and promoting better air quality.

- Energy conservation
- Paper Conservation
- Pollution Reduction
- Health
- Cleanliness
- Recycling

Sukkur IBA implemented green building concept by providing double leaf cavity wall with a polystyrene sheets (jambolan) in between the cavity walls and also in roof top. The buildings are designed by providing enhanced

circulation area, double leaf cavity walls and large aluminum windows. This program provides real solution, and the tools and resources we need to implement them.

Sukkur IBA focuses on the following conservation categories:

1. Energy
2. Recycling
3. Waste reduction
4. Publications
5. Events
6. Transportation
7. Tea rooms and pantry
8. Purchasing
9. Participation

# Communication Strategy

## Stickers for reminder

Stickers have been pasted as reminders to emphasize the efficiency usage of natural resources, such as electricity, water & paper consumption.

Two separate types of bins have been designed for the properly dumped the organic and inorganic wastage.

T-Shirts have been designed for creating awareness among students regarding green and clean environment.

# Events & Activities

## Earth Day

Sukkur IBA Green Office (Go Green Society) celebrated Earth Day on Saturday, 22 April 2017. Earth Day is celebrated worldwide for supporting Environmental protection. Students of Sukkur IBA made models to showcase different problems our planet is facing and their remedies. Prizes and certificates were distributed among the winners.
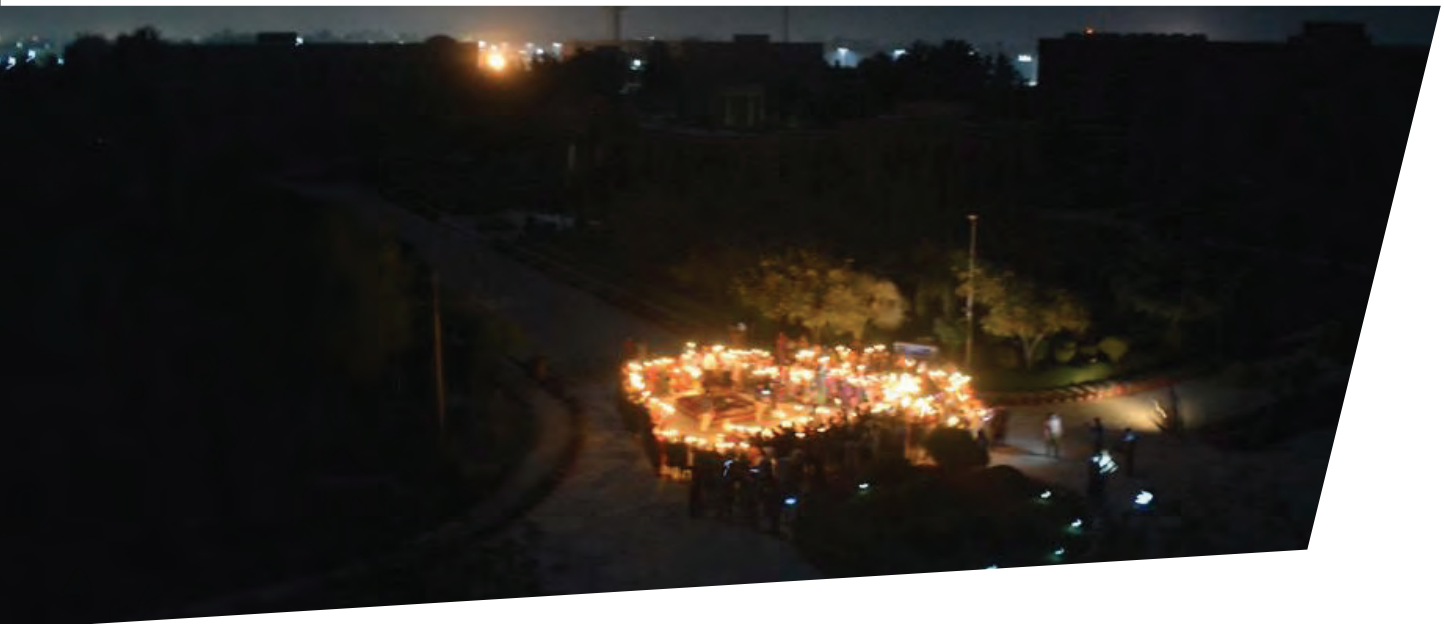
## Flower Exhibition

Flower Exhibition was organized by Go Green Society (Green Office) with support of Sukkur IBA management. The purpose of the event was to share the importance and beauty of flowers. More than 50 various kinds of flowers were planted there.

# National Green Day

Sukkur IBA Go Green Society (Green Office) celebrated National Green Day on Thursday, February 9, 2017. The purpose of the event was to spread message of caring plants and to sensitize Sukkur IBA Community on the social and spiritual importance of plants. It was a part of Plantation Campaign of Green Pakistan Program 2017. Students, faculty and staff members wrote comments about plantation.



# Recycling Contest

Sukkur IBA has always taken many initiatives to foster creativity in students; keeping up with the same tradition this year Sukkur IBA Go Green Society (Green Office) organized Recycling Competition on November 21, 2016 for students.

The purpose of that event was to bring students at one platform to make creative and usable products out of used material. In the event, participants were given one hour time for making products from recyclable raw material. Participants of the event made tremendous and creative products. The winners were awarded with cash prizes.

# Awareness Session "Health and Smoking"

Sukkur IBA Go Green Society (Green Office) organized an awareness session on "Health and Smoking". Registrar Sukkur IBA while talking to students highlighted the major health issues caused by smoking such as heart diseases and lung cancer. Ms. Tabasum, patron Go Green society gave a presentation on the adverse effects of smoking: sheesha and cigarettes. Dr. Abdul Rehman Soomrani, HoD CS department also interacted with students and explained how "smoking reduces stress" is a myth.

# Green Clean Week

Sukkur IBA Go Green Society (Green Office) organized Clean and Green Week from October 17-21, 2016. During the week members of society reminded the students how to keep environment clean at garden areas of the Campus. Student also participated in picking up the litter to ensure cleanliness across Sukkur IBA Campus.

# Earth Hour 2016

Sukkur IBA Go Green Society (Green Office) celebrated the Earth Hour 2016 on Saturday, March 19 by observing complete electricity shut down for an hour from 08:30 pm to 09:30 pm at the campus. Earth Hour is a global campaign promoting energy conservation for the mitigation of climate change and global warming. WWF – Pakistan has been observing Earth Hour for last 7 years and being member, SUKKUR IBA also observes Earth Hour within the campus premises. During that hour, campus lights are turned off to show that we care about the planet.



## Environmental Sustainable Initiatives

- Solar Energy System

For energy conservation and saving natural resources, Solar Energy System has been installed at Sukkur IBA. The specification of this system covers the supply of photo voltaic solar system that is operated in conjunction with a D.C generating set (the association solar invertors) to provide necessary AC power supplies to Sukkur IBA.

Further "installation of Solar Energy System and LED lights at Sukkur IBA" is under process. This project will produce 600 KW of electricity through solar energy system.

- ERP (Enterprise Resource Planning):

ERP (Enterprise Resource Planning) is designed to implement paperless environmental practices at Sukkur IBA. The term refers to the system of integrated applications, which are used to operate the automations and processes of the organization.

**HCM (Human Capital Management System)** automates the operations related to HR. It provides the self service options for all the employees where employees can perform various online actions like applying for leave, fill the form of performance appraisal, view pay slips, and maintain personal information, qualification and experience.

**FSCM (Financials and Supply Chain Management)** automates the operations related to finance and procurement department. Apart from departmental specific operation, it also provides self-service for all the employees where users can generate online inventory and purchase requisitions.

- LMS (Learning Management System):

LMS (Learning Management System) is implemented for online academic activities. This system is designed to promote paperless environment. A learning management system (LMS) is a software application or Web-based technology used to plan, implement, and assess a specific learning process. Typically, a learning management system facilitates instructors in creating and delivering content, monitoring student participation, and assessing student performance.

- CMS (Campus Management System):

Campus Management System is designed to implement paperless environmental practices at Sukkur IBA Campus. It is unique and comprehensive software. CMS at Sukkur IBA acts as a bridge of communication between students, faculty and management of the institute. It hosts the features that allow users to maintain academic history of students with complete transparency in records and provide a medium for teachers, staff and administration to work in harmony.

- Green Marketing:

Green Marketing approach is implemented for promoting sustainable environment through various promotional activities at Sukkur IBA.

- Green HR:

Green HR approach is implemented to promote paperless environment at Sukkur IBA. Online recruitment process has been initiated. In this connection online forms are available at the official website of Sukkur IBA for applicants and online recruitment test is conducted for various positions.

Environmental Impact of Green Office Initiative: Reducing carbon Emission

1. Insulation of Walls (with jambolan sheets)

Sukkur IBA is located in very hot region, where temperature remains above 50 Centigrade for eight months in a year, so the buildings are designed providing enhanced circulation area, double leaf cavity wall system (outer double walls having cavity in between) in the building infrastructure, that cavity is filled with jambolon sheets in order to reduce the heat impact inside the building. Jambolon sheets (Polystyrene product) are 8ft by 4ft in size and 2 inch thick.

2. Insulation of Roofs (With Insulation Tiles)

(CCTile + LightWeight Cellular Concrete +Thermo Pore)

Matrix Company in association with Concrete Measures has developed new lightweight insulation roof tile made from a combination of thermo pore and cellular concrete also known as aerated concrete.

Composite roof insulation tiles provide following benefits:

1. Excellent finish in variety of cement color finish and terrazzo finish
2. Double insulation of cellular concrete and thermo pore.
3. Lightweight
4. Absorption less than 2 %
5. Concrete compressive strength, approximately 3500 psi.
6. Micro reinforcement with high strength synthetic fiber.

Details of Roof Tiles are as follows:

1. Tiles Size: 300 * 300* 500 mm, 200*200*50 mm.
2. Cellular Concrete Density: 1500 kg/m3 , approximately
3. Thermo pore Density: 16 kg/m3 approximately
4. Thermo pore Thickness: 25 mm approximately

## Reducing Wastage:

We have placed recycle and non-recycles bins for supporting the environment, and encourage the use of reusable cups in the offices instead the disposable cups.

Sukkur IBA becomes the First Academic Institution to get the Green Campus/Office Certification. Sukkur IBA has always strived to benefit this country and its citizens through various green initiatives leading to an environmentally sustainable planet. Sukkur IBA will always strive to set the path for others so we can all prosper together today and tomorrow.

## Annual Network meeting WWF-Pakistan

WWF's Green Office network meetings are aimed at bringing the corporate giants at one platform and share insights on energy efficiency and functionality within offices, unveil smart energy devices and discuss practical implementation and feasibility of alternate and renewable energy sources of offices.

WWF – Pakistan conducted its fourth annual network meeting of the Green Office (GO) on December 1, 2016. The theme for this year's event was **"Eco Innovation-Product and Technologies"**. The meeting was attended by the current WWF-Pakistan Green Offices as well as potential corporate entities. The aim of the meeting was to bring GO certified companies together on one platform and give them awareness regarding waste management in their offices.

## Conclusion:

Sukkur IBA has become more environmentally aware of its surroundings. We ensure that our environmental footprint continues to demonstrate the environmental sustainability. We focus on reducing the environmental burdens. We maintain our growth while reducing the negative environmental impact. Sukkur IBA critically analyzes the impact of decisions on natural environment that our policies, procedures, and initiatives create. We are continuously making efforts to reduce the impact of greenhouse emission on the environment by incorporating latest technologies to ensure that our newer facilities are more eco-efficient.

# Executive Development Center (EDC)

## Facilities

## Training Portfolio

## Skill Development Program for Professionals

## 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, back in 2013.

Executive Development Center (EDC) holds a comprehensive portfolio of conducting 60+ Training of more than 4000 executives including 4 extensive training and consultancy projects on its account in this very short span of 3 Years. In this fast pace and innovation-driven working epoch, 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 transform 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 settings. Besides providing comprehensive training and consultancy programs to enhance employees' managerial and technical skills, Sukkur IBA Executive Development Center also holds 3 Months Short Courses Program for rapid learning in Sales Management,

Supply Chain Management, Leadership, CCNA Preparatory Classes, IELTS Preparatory Classes, MS-Office so on and so forth.

### Operations at Campus-II

Sukkur IBA Executive Development Center, Campus – II building has been inaugurated by honorable Chief Minister of Sindh Mr. Syed Murad Ali Shah in the month of September 2016. EDC campus-II building is exclusively dedicated for training purpose with state-of-the-art training amenities, which includes, Executive Guest accommodation rooms, Executive training rooms, Executive dining hall and Business Center/Computer lab.

# Facilities

Sukkur IBA Executive Development Center (EDC) is equipped with state of the art learning facilities to facilitate our training clients. Following are the facilities we provide to our clients.

- 02 Executive Training Room with seating capacity of 40-50 participants.
- 01 mini Auditorium with capacity of 80-100 participants

- 64 Single Executive Accommodation Rooms
- 16 Executive Suites
- In-House Executive Dining Facility for 100 participants
- On Campus Executive Fitness Center
- 04- 06 Discussion Room
- In-House Tuck Shop
- State of the art Computer Lab for 30 participants

All facilities are equipped with Air-Conditioned and Wi-Fi facilities.

# Training Portfolio

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 project based.

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

Sukkur IBA has 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.

In the period of July 2016 – June 2017, two batches have been prepared for CSS Competitive Exams. Recently following two of our alumni have been appointed as Assistant Commissioner – IRS.

## Mr. Yaqoob Rajper
## Assistant Commissioner – IRS (UT)

Yaqoob has been the student of Sukkur IBA as he completed his BBA Degree from Sukkur IBA. Right after his graduation, he secured admission in Sukkur IBA CSS Preparatory Classes and with his hard work, perseverance and diligence cleared the mega exam of CSS in the very first attempt and got allocated in the prestigious IRS

Department. Prior joining Civil Services of Pakistan, Yaqoob has also served National Accountability Bureau (NAB), which is considered among the high ranks in Pakistani Institutions, as Assistant Director NAB. While remain humble and closed to his roots, Yaqoob credits opting Sukkur IBA as his life's turning decision.

## Mr. Masroor Ahmed Jatoi
## Assistant Commissioner – IRD (UT)

After completing his civil engineering from Mehran University Jamshoro. Masroor made his mind to join civil services. So when Combined Competitive Exam was announced in 2013, Masroor joined Sukkur IBA CSS preparatory Program. "Sukkur IBA CSS Preparatory Classes seemed to me a more suitable place to start my preparation. I began my preparation under the guidance of a highly qualified faculty provided to us by the Sukkur IBA. With the proper guidance of competent teachers and prayers of my parents and siblings I qualified the exam and got recommended for the post of Assistant Commissioner - IRS. I am indebted to the whole faculty especially Dr. Waheed Asghar who inspired me with the ambition of achieving success in the exam." he says.

I belong to a small village of taluka Pano Akil where tribal customs and feuds eclipse the whole landscape of our society.In such a gloomy environment I got my early education from Army Public School and College Pano Akil.

# Skill Development Programs for Professionals

Keeping in view the demand for professional skills development program, Sukkur IBA Executive Development Center has started Short Courses Skills Development Program from May 2016. We offer different short course keeping in view the market demand. Currently our 3rd batch of Skill Development Program is going on. Following short courses we announce thrice in a year.

1. English Language Skills
2. IELTS Preparation
3. Sales Management
4. Supply Chain Management
5. Leadership
6. GRE Preparation
7. MS Office
8. CCNA
9. SPSS Qualitative Research Methods
10. JAIBP – Stage 1, 2, 3 Preparation
11. Advance Excel
12. Advanced Management
13. Cyber Security
14. Emotional Intelligence
15. Web Development

## Training Topics

Trainings were conducted on different topics identified by Sukkur IBA for their clients. Following were the topics covered in different training programs.

1. Leadership and Decision Making
2. Team Work
3. Mentoring & Coaching
4. Procurement Management
5. HR & Administration
6. ICT
7. ICT in Education
8. Financial Management
9. Monitoring & Evaluation
10. Quality Education
11. Blooms Taxonomy
12. Professional Ethics
13. English Language Teaching Skills
14. Class room Management
15. Girls Enrollment
16. Community Involvement
17. Education Management Organization
18. Assurance of Learning
19. Effective Pedagogy
20. Internal Control and Internal Audit
21. Project Planning Issues and Challenges
22. Government Procurement
23. Learning Assessment
24. Motivation and Performance
25. Problem Based Learning
26. Communication & Presentation Skills
27. Emotional Intelligence
28. Customer Relationship Management
29. Advance Excel
30. Supply Chain Management
31. School Governance and School Management
32. Change Management
33. Conflict Management
34. Sales Management

## Training Rental Services

Apart from conducting training for our clients, Sukkur IBA provides training facilities to its clients which include, executive training rooms and executive dining room facilities. Sukkur IBA has provided training facilities to following clients.

1. International Relief Development - IRD
2. Sindh Agriculture Growth Project (SAGP)
3. Engro Foods Ltd.
4. LU Continental Biscuits
5. Plan Pakistan
6. Unilever
7. Nestle
8. Pepsi (Sukkur Beverages)
9. Coca Cola
10. Bayer Group
11. NADRA