



ANNUAL REPORT

2019-20

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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Vice Chancellor's Message

The Sukkur IBA University's mission is to create knowledge in society by promoting merit and quality in education and emphasizing the innovation, science and technology even in a critical global outbreak of pandemic COVID-19. We believe in modern initiatives like Bloomberg financial trading lab, Fabrication Lab in collaboration with MIT, USA, Case Writing Center, Mathematic Resource Center, and Center for Research in Business and Management, Artificial Intelligence and Robotics Center and other state-of-the-art learning facilities to inculcate the culture of innovation into our community. Sukkur IBA University believes in inclusiveness and understands that we cannot grow and develop individually, without inclusiveness in education. We make a humble contribution to national development by offering education opportunities to the underprivileged. Through our signature programs of Sindh Talent Hunt Program, OGDCL National Talent Hunt Program, Foundation semester and Crash Preparatory Programs we induct diversified background students from all over the country including international students from Sri Lanka, Afghanistan and Italy to also promote the internationalization.

We have established Kandhkot Campus, IET Khairpur, Dadu campus and Mirpurkhas Campus for provision of quality education to the underprivileged students of our province. In critical days of COVID-19, we invested a lot into our Human Resources by creating wonderful opportunities for career development for pursuing their MS and PhD Programs from technologically advanced countries. So far, over 150 faculty members have completed their Ph.D. Programs from abroad and returned to serve the community. Over 86 faculty members are currently pursuing their MS and PhD Programs in top foreign Universities, they are fully sponsored by the Sukkur IBA University. We are investing into our faculty and staff for national and international trainings to get diversified skill sets which are very necessary for survival in this commercial and more challenging world which is shifted to online world of education and trade.

Almost all our programs are accredited by National Level Bodies including accreditation of AMDISA and SAQS which are international recognitions of the educational programs. We are very close to the PRT visit of AACSB, one of the oldest international body of Business Schools. This report presents the essence of these with key facts and highlights of the year 2019-2020. To know more about how this struggle is actually taking place and what has been achieved so far, I would like to invite readers' attention to go through this report.

Vice Chancellor

Sukkur IBA University

Executive Summary

Annual Report 2019-20 presents a glimpse of the university's academic, non-academic, and strategic achievements over a span of 12 months, starting from July 2019 to June 2020.

The department of Business administration exists in the highest category of Business Schools which is "W" category given by HEC, Islamabad. All the degree programs of Business Department are accredited by NBEAC which is the national accredited body of all business programs.

Total 96 Research Papers were produced during the Year 2019-2020 by our faculty with impact factor research publication. Total 46 research works were presented in National Level Conference.

This year, at the Department of Business Administration, students participated in the Phoenix 19 at LUMS Lahore from January 25 to 27, 2019. The teams of students from Sukkur IBA University took part in many competitions and got the following positions:

1. 1st Position of team Plus Dox in Suit It Up (Business Idea)
2. 2nd Position of Team Sipper Flippers in School out (Ad Making)

Students from Sukkur IBA University (Business Administration Department) participated in case study and marketing simulation competition at KSBL, Karachi (STRATA QUEST - KSBL) and got 1st position in Case study and Marketing Simulation.

All the Computer Science department programs are accredited by NCEAC with highest "W" category for all programs. The department has submitted the initial review readiness report for getting the ABET Accreditation.

The department of Computer Science won the collaboration/international linkage under the NORPART Project. Programming Resource Center (PRC) has been established to promote the programming essence among the students. The department of Computer Science has also published the Sukkur IBA Journal of Computing and Mathematical Sciences (SJCMS). Total 104 international papers have been published by the faculty in this year.

The Department of Mathematics and Social Sciences arranged the Latex workshop on January 20, 2020. The Research Conference (ICOMET 2020) was arranged by the department of Mathematics on January 29-30, 2020. More than 78 research publications were published by the faculty during this year. Pakistan National Mathematics Olympiad was one of the featuring competition held by this department on November 12-13, 2019.

The department of Education student Ms. Anjili Chavani (B.Ed Program 8th Semester) was elected as a Principal Candidate for the 2019 study of the U.S Institute for Pakistani Students Leaders (SUSI - 2019) on local, state and federal public policy making at the University of Massachusetts, Amherst. Two students of B.Ed (Hons) Program were awarded prestigious scholarships for their entire degree program "Pakistan Scotland Scholarship" by British Council. There are many Research and Development ongoing projects initiated this year by the department of Education. Overall 35 Research Work/Publications have been published in research journals by the senior faculty of Education Department.

The Department of Computer Systems Engineering has been given green signal to start the degree programme of BE in Computer Systems Engineering from Fall 2020 alongwith the Program Educational Objectives with 04 stages. There are 04 publications with impact factor journal by the department of Computer Systems Engineering for the period 2019-2020.

The Department of Electrical Engineering is one of the pioneering department at Sukkur IBA University producing the Engineers with global leadership approach. All the programs of Electrical Engineering Department are accredited by the Pakistan Engineering Council (PEC) and other accredited engineering bodies of Pakistan alongwith existence of IEEE Students Branch. The department has bonded the new program in international collaborations which is (2+2) and (1+1) joint degree program in collaboration with North China Electric Power University (NCEPU). Two scholarships have been awarded to our students Engr. Ronaq Ali Baladi under fullbright scholarship to pursue his Ph.D in USA and Engr. Zeeshan Lodro received Erasmus Mundus Scholarship. The department focused on Industrial Linkages in this year including publishing the Sukkur IBA Journal of emerging Technologies. There are 110 research papers/publications of impact factor published by the department.

The department of Physical Education and Sports sciences offered many degree programs and sports festival this year alongwith Associate Degree in Physical Education. The department has produced and published the research work containing the spotlight on emerging sports science and research fields. The department has also celebrated the Sports Gala 2020.

The Office of Research Innovation and Commercialization also involved in encouraging the faculty to increase their research work including the industrial research projects for the commercialization. The center has established the Research Journal Publications and conference cell to promote the research culture among the faculty.

The major achievements have been achieved through Quality Enhancement Cell for improving the quality of teaching and learning at the campus in overall degree programs. The faculty has been encouraged by HRD to pursue their higher education career by hunting the progressive scholarships and achieving international and national training opportunities. The enrollment in different programs and orientation to the new students have been arranged and maintained by the admission cell of the Registrar office for the year 2019-2020. More scholarships and financial assistance have been granted by the help of CDC to the needy and meritorious students of the university through rigorous meritorious process to provide the education opportunities equally for diversified community. In pandemic situation the university also remained focused on the development projects and their timely funding and progress monitoring activities. The ICT department conducted many trainings/workshops for faculty and staff to enhance the knowledge on CMS/LMS and ERP at the campus. Sukkur IBA University also played a key role in building communities by adopting schools and colleges throughout the province in collaboration with the Government of Sindh. Center for Entrepreneurial Leadership and Incubation Center has played a great role in creating awareness and eco system for new ventures and businesses in the region by supporting startups. Executive Development Center arrange the Trainings and Workshops for corporate sector and university community to build the better future for tomorrow's world under the theme of future leadership. The Green Office of Sukkur IBA University has been awarded by WWF in the categories of expansion in renewable energies, reduction of waste generation and reduction of fuel consumption. The Green Office also celebrated Earth Hour and Flower exhibition 2019.

Sukkur IBA Testing Service (Registered) of Sukkur IBA University achieved highest standards in the Education, Testing and Recruitment Tests for Government and other Corporate Sectors in the Year 2019-2020.

CHAPTER 1

ACADEMIC ACTIVITIES

DEPARTMENT OF BUSINESS ADMINISTRATION

DEPARTMENT OF COMPUTER SCIENCE

DEPARTMENT OF MATHEMATICS AND SOCIAL SCIENCES

DEPARTMENT OF EDUCATION

DEPARTMENT OF ELECTRICAL ENGINEERING

DEPARTMENT OF PHYSICAL EDUCATION AND SPORTS SCIENCES





Department of Business Administration (DoBA)

Mission Statement

We aim to serve the community by imparting inclusive education to develop competent and ethical leaders through research-oriented knowledge, state-of-the-art technology, and continuous improvement

Vision Statement

To become a leading business school in Pakistan and the broader South Asian region known for high-quality teaching and research.

Core Values

- Integrity: Commitment to honesty and transparency by upholding the highest moral and ethical principles
- Innovation: Commitment to the adoption of new ideas, methods, and processes.
- Impact: Commitment to addressing regional socio-economic and environmental issues

The programs offered in Department of Business Administration

1. Undergrad Programs:
 - BBA (Hons)
 - BBA - Agribusiness
 - BS - Accounting & Finance
 - BS - Economics
2. Masters/Graduation Programs:
 - MBA (Case Study)
 - MS (Management Sciences)
 - PhD (Management Sciences)

BBA

The mission of BBA program is to enhance intellectual and professional competencies by imparting knowledge through a meritorious culture that encourages critical thinking, active learning, ethical consciousness and global awareness. It is four-year program divided into eight semesters with total 141 credit hours. It currently offers specialization in three areas- Finance, Marketing, and Human Resource Management.

BBA (Agribusiness)

The mission of BBA (Agribusiness) program is to develop agriculture management competencies in graduates by imparting knowledge through a meritorious culture that encourages critical thinking, active learning, ethical consciousness and global awareness. It's a four-year program divided into eight semesters with total 141 credit hours. The program is mixture of both agriculture and management skills in which students will study two years at Sukkur IBA and two years at University of Agriculture Faisalabad.

BS (Accounting & Finance)

The mission of BS (A&F) program is to inculcate accounting professional competencies in the graduates by imparting knowledge through a meritorious culture that encourages critical thinking, active learning, ethical consciousness and global awareness. It is a four-year program comprising 126 credit hours. The curriculum offers the blend of courses that will help the students in pursuing the professional qualifications like CA, ACCA, ICMA and CIMA. The graduates of this program are prepared for careers in auditing, corporate accounting, management, consulting, government, not-for-profit Organizations and taxation.

BS Economics

The mission of BS Economics program is to enhance intellectual and professional competencies of our graduates by imparting knowledge through a meritorious culture that encourages critical thinking, active learning, ethical consciousness and global awareness regarding economic issues.

MBA

The mission of MBA program is to involve students in active and evidence-based learning process to develop managerial skills and abilities, leading them to be ethically conscious business leaders. The two-year MBA program comprises 60 credit hours. The program's teaching methodology is primarily Case Study Method. In last semester of program, students work exclusively on consultancy projects to reorient and restructure the assigned organizations whereas in first three semesters, students are put in to local and international case situations to take strategic decision in classroom.

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. During last year, they secured many prizes and participated and represented Sukkur IBA both nationally and internationally, as well. Few of their milestones and achievements are listed below:

1. Phoenix'19 LUMS

Three teams from Sukkur IBA went to LUMS to participate in Phoenix'19 nationwide three-day event was to be held from 25th to 27th January, 2019. Participants got a chance to take part in the following competitions: Bulls and Bears (Virtual Trading), Chase on Wall Street (Scavenger Hunt based Trivia), Suit it up! (Elevator Pitch), Crack the Case (Case Study), Shoot Out (Ad-Making) Where Team SIPPER FLIPPER from Sukkur IBA University secured overall 2nd Position in Phoenix'19 at LUMS. Furthermore, teams of Sukkur IBA halso won many individual competitions at Phoenix'19 at LUMS as follows:

1st Position of Team Plus Dox in Suit It Up (Business Idea)

2nd Position of Team Sipper Flippers in Shoot Out (Ad Making)

2. LUMS Fintra Spring 2019

Sukkur IBA University Business Students Travelled to LUMS to participate in Fintra '19 nationwide three-day event was to be held from 25th to 27th January, 2019 and won:

2nd Position of Team Sipper Flippers in Chase on Wall Street (Scavenger Hunt Based Trivia)

3rd Position of Team Sipper Flippers in Bulls and Bears (Virtual Trading)

3rd Position of Team Young Leaders in Suit It Up (Business Idea)

As results are evident that Sukkur IBA University dominated whole event of Phoenix'19 at LUMS.

3. STRATA QUEST – KSBL, Karachi

Students from Sukkur IBA University Participated in Case study and Marketing Simulation competition at KSBL and 1st Position in Case Study and Marketing Simulation at KSBL, Karachi.

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.

Business Department has been a member of AACSB ever since it opened its Asia-Pacific Office in 2009. Sukkur IBA submitted its eligibility application in 2017 and AACSB accepted it and assigned mentor to submit iSER by August 2019. The AACSB accreditation team is currently working and preparing for the Initial Business Application and PRT visit.

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 programs are 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). 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. Business Department is member of AMDISA and perusing for its SAQS Accreditation.

Research Progress

Business Department with its policies fosters research culture, and encourages faculty to produce quality research, and publish in high-quality journals. Impact Factor Publications: (HEC "W" Category) & International Journal Publications.



S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
1	Suresh Kumar Oad Rajput, Niaz Hussain Ghumro And Nadia Anju	Do Exchange Rate Changes Have Symmetric Or Asymmetric Effects On International Trade Integration	Annals Of Financial Economics	14	No	ESCI	2019
2	Rana Muhammad Naeem, Khalil Ahmed Channa, Zahid Hameed, Muhammad Akram, Irshad Hussain Sarki	How Does Perceived Career Support Make Employees Bright-Eyed and Bushy-Tailed? The Mediating Role Of Career Self-Efficacy	Australian Journal Of Career Development	28	No	ESCI	2019
3	Mumtaz Ali Memon, Muhammad Zeeshan Mirza, Bibiana Lim, Waheed Ali Umrani, Mohamed Ayyub Hassan, Tat Huei Cham, Khurram Shahzad	When In Rome, Do As The Romans Do: Factors Influencing International Students' Intention To Consume Local Food In Malaysia	British Food Journal	122	1.717	SSCI	2019
4	Ameet Kumar, Niaz Ahmed Bhutto, Khalid Ahmed Mangrio, Muhammad Ramzan Kalhoro	Impact of External Debt And Exchange Rate Volatility On Domestic Consumption. New Evidence From Pakistan	Cogent Economics & Finance	7	No	ESCI	2019
5	Faheem Gul Gilal, Zubaida Ashraf, Naeem Gul Gilal, Rukhsana Gul Gilal, Nisar Ahmed Channa	Promoting Environmental Performance Through Green Human Resource Management Practices In Higher Education Institutions: A Moderated Mediation Model	Corporate Social Responsibility And Environmental Management	26	5.513	SSCI	2019
6	Bilal Afsar Waheed Ali Umrani	Corporate Social Responsibility And Pro Environmental Behavior At Workplace: The Role Of Moral Reflectiveness, Coworker Advocacy, And Environmental Commitment	Corporate Social Responsibility And Environmental Management	27	5.513	SSCI	2019
7	Li, Saqib, Muhammad Danish, Faiz Muhammad Khuwaja, Muhammad Shoaib Sajjad, And Hasan Zahid	The Intention To Adopt Green It Products In Pakistan: Driven By The Modified Theory Of Consumption Values	Environments	6	No	ESCI	2019
8	Bilal Afsar, Waheed Ali Umrani	Transformational Leadership And Innovative Work Behavior: The Role Of Motivation To Learn, Task Complexity And Innovation Climate	European Journal Of Innovation Management	23	1.793	SSCI	2019

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
9	Umair Ahmed, Kabiru Maitama Kura, Waheed Ali Umrani, Munwar Hussain Pahi	Modelling The Link Between Developmental Human Resource Practices And Work Engagement: The Moderation Role Of Service Climate	Global Business Review	28	No	ESCI	2019
10	Niaz A Bhutto, Bisharat H Chang	The Effect Of The Global Financial Crisis On The Asymmetric Relationship Between Exchange Rate And Stock Prices	High Frequency	2	No	OTHER	2019
11	Ammar Ahmed, Mahmoud Radwan Hussein Alzgool, Zahida Abro, Umair Ahmed, Ubedullah Memon	Understanding The Nexus Of Intellectual, Social And Psychological Capital Towards Business Innovation Through Critical Insights From Organizational Culture	Humanities & Social Sciences Reviews	7	No	SCOPUS	2019
12	Ruqia Shaikh, Pervaiz Memon, Muhammad Shaique, Ehsan Ul Hassan	Do Firms Approach The Target Working Capital Requirement? A Case Of Pakistan	Indonesian Capital Market Review	10	No	ESCI	2019
13	Meryem Fatj, Umair Ahmed, Waheed Ali Umrani & Fazluz Zaman	Academic Press And Student Engagement: Can Academic Psychological Capital Intervene? Test Of A Mediated Model On Business Graduates	International Journal Of Higher Education	8	No	SCOPUS	2019
14	Faheem Gul Gilal, J, Paul, Naeem Gul, Rukhsana Gul,	Celebrity Endorsement And Brand Passion Among Air Travelers: Theory And Evidence.	International Journal Of Hospitality Management	85	4.465	SSCI	2019
15	Muhammad Imran Malik, Hassan Mehmood And Waheed Ali Umrani	Modeling Teachers' Quality Of Work Life: A Partial Least Square Approach	International Journal Of Productivity And Performance Management	69	No	ESCI & SCOPUS	2019
16	Malam Salihu Sabiu, Kabiru Maitama Kura, Tang Swee Mei, Mohd Hasanur Raihan Joarder & Waheed Ali Umrani	The Mediating Role Of Ethical Climate In The Relationship Between Performance Appraisal And Organizational Performance	International Journal Of Public Administration	42	No	ESCI & SCOPUS	2019
17	Na Zhang, Zhen Xing Gong, Zhen Xu, Faheem Gul Gilal	Ethical Climate And Service Behaviours In Nurses: The Moderating Role Of Employment Type	Journal Of Advanced Nursing	75	2.376	SCIE, SSCI	2019
18	Kabiru Maitama Kura, Faridahwati Mohd. Shamsudin, Waheed Ali Umrani & Noor Maya Salleh	Linking Human Resource Development Practices To Counterproductive Work Behaviour: Does Employee Engagement Matter	Journal Of African Business	20	No	ESCI & SCOPUS	2019

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
19	Waheed Ali Umrani , Bilal Afsar, Mirwise Khan, Umair Ahmed	Addressing The Issue Of Job Performance Among Hospital Physicians In Pakistan: The Role Of Job Security, Organizational Support, And Job Satisfaction	Journal Of Applied Biobehavioral Research	24	No	ESCI	2019
20	Bilal Afsar, Waheed Ali Umrani, Awais Khan	The Impact Of Perceived Calling On Work Outcomes In A Nursing Context: The Role Of Career Commitment And Living One's Calling	Journal Of Applied Biobehavioral Research	24	No	ESCI	2019
21	Muhammad Farooque , Abraham Zhang , Matthias Thüerer, Ting Qu, Donald Huisingh	Circular Supply Chain Management: A Definition And Structured Literature Review	Journal Of Cleaner Production	228	6.395	SCIE	2019
22	Mir Dost, Munwar Hussain Pahi, Hussain Bakhsh Magsi, Waheed Ali Umrani	Influence Of The Best Practices Of Environmental Management On Green Product Development	Journal Of Environmental Management	241	4.865	ISI	2019
23	Muhammad Abaid Ullah, Waqih, Niaz Ahmed Bhutto, Niaz Hussain Ghumro, Suresh Kumar , Muhammad Abdul Salam	Rising Environmental Degradation And Impact Of Foreign Direct Investment: An Empirical Evidence From Saarc Region	Journal Of Environmental Management	243	4.865	SCI, SCIE	2019
24	Altaf Hussain Samo And Noor Ul Huda	Triple Helix And Academic Entrepreneurial Intention: Understanding Motivating Factors For Academic Spin-Off Among Young Researchers	Journal Of Global Entrepreneurship Research	9	No	OTHER	2019
25	Chang, Bisharat Hussain, Suresh Kumar Oad Rajput, And Niaz Ahmed Bhutto	Impact Of Exchange Rate Volatility On The Us Exports: A New Evidence From Multiple Threshold Nonlinear Ardl Model	Journal Of International Commerce Economics And Policy	10	No	ESCI & SCOPUS	2019
26	Ruqia Shaikh, Guo Fei, Muhammad Shaique, Muhammad Rizwan Nazir	Control-Enhancing Mechanisms And Earnings Management: Empirical Evidence From Pakistan	Journal Of Risk And Financial Management	12	No	ESCI	2019
27	Ghulam Abbas, Shawkat Hammoudeh, Syed Jawa d Hussain Shahzad, Shou yang Wang, Yunjie Wei	Return And Volatility Connectedness Between Stock Markets And Macroeconomic Factors In The G-7 Countries	Journal Of Systems Science And Systems Engineering	28	1.079	SCIE	2019

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
28	Ifzal Ahmad, Waheed Ali Umrani	The Impact Of Ethical Leadership Style On Job Satisfaction: Mediating Role Of Perception Of Green Hrm And Psychological Safety	Leadership & Organization Development Journal	40	1.462	SSCI	2019
29	Ranjeeta Sadhwani, Mujeeb U Rehman Bhayo And Niaz Ahmed Bhutto	A Test Of The Five-Factor Model In Pakistan	Pacific Business Review International	11	No	ESCI	2019
30	Bilal Afsar, Mariam Masood, Waheed Ali Umrani	The Role Of Job Crafting And Knowledge Sharing On The Effect Of Transformational Leadership On Innovative Work Behavior	Personnel Review	48	1.36	SSCI	2019
31	Farheen Akram, Muhammad Abrar Ul Haq And Waheed Ali Umrani	Assessing The Effect Of Managerial Power On Firm Performance Through The Perceptual Lens Of Executive Remuneration	Pertanika Journal Of Social Sciences & Humanities (Jssh)	27	No	SCOPUS	2019
32	Ghulam Abbas, Usman Bashir, Shouyang Wang, Gilney Figueira Zebende, Muhammad Ishfaq	The Return And Volatility Nexus Among Stock Market And Macroeconomic Fundamentals For China	Physica A: Statistical Mechanics And Its Applications	526	2.5	SCI, SCIE	2019
33	Chun-Xiao Chen, Jian Zhang, Faheem Gul Gilal	Composition Of Motivation Profiles At Work Using Latent Analysis: Theory And Evidence	Psychology Research And Behavior Management	75	1.84	SSCI	2019
34	Faheem Gul Gilal, Nisar Ahmed Channa, Naeem Gul Gilal, Rukhsana Gul Gilal, And Syed Mir Muhammad Shah	Association Between A Teacher's Work Passion And A Student's Work Passion: A Moderated Mediation Model	Psychology Research And Behavior Management	12	1.84	SSCI	2019
35	Abraham Zhang, Ray Y Zhong, Muhammad Farooque, Kai Kang, V G Venkatesh	Blockchain-Based Life Cycle Assessment: An Implementation Framework And System Architecture	Resources Conservation And Recycling	152	7.044	SCIE	2019
36	Khalid Ahmed, Niaz Ahmed Bhutto, Muhammad Ramzan Kalhoro	Decomposing The Links Between Oil Price Shocks And Macroeconomic Indicators: Evidence From Saarc Region	Resources Policy	61	3.185	SCIE	2019
37	Faiz Muhammad Khuwaja, Waheed Ali Umrani, Sanobar Salman Shaikh, Ammar Ahmed, And Sanullah Shar	University Markor: A Context-Specific Scale To Measure Market-Orientation In Universities	Sage Open	9	0.675	ISI	2019

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
38	Abdul Waheed Siyal, Ding Donghong, Waheed Ali Umrani, Saeed Siyal, And Shaharbano Bhand	Predicting Mobile Banking Acceptance And Loyalty In Chinese Bank Customers	Sage Open	9	0.675	ISI	2019
39	Abidullah Khan, Abdul Rahman Nizamani, And Irfan Ahmed Shaikh.	English: The Applicability Of Shari'ah Compliant Commodity Futures In Agriculture Sector	Scholar-Islamic Academic Research Journal	5	No	HEC	2019
40	Zhenxing Gong, Mengshuang Liu, Di Xin, Faheem Gul Gilal, Kui Yin, Na Zhang	Coworker Feedback Seeking And Feedback Environment In China: An Expectation States Theory Approach	Social Behavior And Personality, An International Journal	47	0.535	SSCI	2019
41	Aneel Kumar, Ghulam Ali Arain, Khalil Ahmed Channa	Relationship Between Organizational Injustice And Work Interference With Family: The Role Of Social Support	South Asian Journal Of Human Resource Management	6	No	ESCI	2019
42	Aneel Kumar , Ghulam Ali Arain, Khalil Ahmed Channa	Relationship Between Organizational Injustice And Work Interference With Family: The Role Of Social Support	South Asian Journal Of Human Resource Management	6	No	ESCI	2019
43	Muhammad Farooque, Abraham Zhang, Yanping Liu	Barriers To Circular Food Supply Chains In China	Supply Chain Management-An International Journal	24	4.296	SSCI	2019
44	Changjun Zheng, Shumaila Meer Perhiar, Naeem Gul Gilal And Faheem Gul Gilal	Loan Loss Provision And Risk-Taking Behavior Of Commercial Banks In Pakistan: A Dynamic Gmm Approach	Sustainability	11	2.592	SCIE, SSCI	2019
45	Suresh Kumar Oad Rajput, Udomsak Wongchoti, Jianguo Chen And Robert Faff	Is Financial Flexibility A Priced Factor In The Stock Market?	The Financial Review	54	No	ESCI	2019
46	Abidullah Khan, Abdul Rahman Nizamani, Irfan Ahmed Shaikh	The Applicability Of Shari'ah Compliant Commodity Futures In Agriculture Sector	The Scholar- Islamic Academic Research Journal	5	No	HEC	2019
47	Abidullah Khan, Muahmmad Hakimi Mohd Shafai, Shabeer Khan	The Rise And Fall Of Cash Waqf Crowdfunding: Exploring The Shortcomings	International Journal Of Innovation, Creativity And Change	8	No	SCOPUS	2019
48	Faheem Gul Gilal; Jian Zhang; Rukhsana Gul Gilal; Naeem Gul Gilal	Integrating Intrinsic Motivation Into The Relationship Between Product Design And Brand Attachment: A Cross-Cultural Investigation Based On Self-Determination Theory	European Journal Of International Management	14	1.349	SSCI	2019

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
49	Khalid Ahmed, Ilhan Ozturk, Ikhtiar Ali Ghumro & Piri Mukesh	Effect Of Trade On Ecological Quality: A Case Of D-8 Countries	Environmental Science And Pollution Research	26	2.914	SCIE	2019
50	Yongming Shi, Khalid Ahmed, Sudharshan Reddy Paramati	Determinants Of Stock Market Development And Price Volatility In Asean Plus Three Countries: The Role Of Institutional Quality	International Journal Of Finance & Economics	26	0.636	SSCI	2019
51	Ranjeeta Sadhwani, Suresh Kumar Oad Rajput, Asad Ali-Rind And Muhammad Tahir Suleman	Does Change In Economic Policy Uncertainty Affect Real Estate Investment Trusts (Reits)	Annals Of Financial Economics	14	No	ESCI	2019
52	Umair Ahmed, Mahmoud Radwan Hussein Alzgoool, Syed Mir Muhammad Shah	The Impact Of Green Human Resource Practices On Environmental Sustainability	Polish Journal Of Management Studies	20	No	SCOPUS	2019
53	Ifzal Ahmad, Waheed Ali Umrani	The Impact Of Ethical Leadership Style On Job Satisfaction: Mediating Role Of Perception Of Green Hrm And Psychological Safety	Leadership & Organization Development Journal	40	1.462	SSCI	2019
54	Mir Dost, Munwar Hussain Pahi, Hussain Bakhsh Magsi, Waheed Ali Umrani	Effects Of Sources Of Knowledge On Frugal Innovation: Moderating Role Of Environmental Turbulence	Journal Of Knowledge Management	23	4.604	SSCI	2019
55	Bilal Afsar Waheed Ali Umrani	Does Thriving And Trust In The Leader Explain The Link Between Transformational Leadership And Innovative Work Behaviour? A Cross-Sectional Survey	Journal Of Research In Nursing	25	No	ESCI & SCOPUS	2019
56	Waheed Ali Umrani, Bilal Afsar, Mirwise Khan, Umair Ahmed	Addressing The Issue Of Job Performance Among Hospital Physicians In Pakistan: The Role Of Job Security, Organizational Support, And Job Satisfaction	Journal Of Applied Biobehavioral Research	24	No	SCOPUS	2019
57	Abdul Rehman Shaikh, Asad Ali Qazi	New Branch Establishment-Keerthar Food Restaurant	Emerald Emerging Markets Case Studies	10	No	ESCI	2020
58	Abdul Rehman Shaikh, Asad Ali Qazi	Yaqoob Biscuit Manufacturers-Missing Contingency Plan	Emerald Emerging Markets Case Studies	10	No	ESCI	2020

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
59	Zhenxing Gong, Jie Yang, Faheem Gul Gilal, Lyn M. Van Swol, And Kui Yin	Repairing Police Psychological Safety: The Role Of Career Adaptability, Feedback Environment, And Goal-Self Concordance Based On The Conservation Of Resources Theory	Sage Open	10	0.675	SSCI	2020
60	Naeem Gul Gilal, Jing Zhang, Faheem Gul Gilal & Rukhsana Gul Gilal	Bygone Days And Memories: The Effects Of Nostalgic Ads On Consumer Brand Resurrection Movements	Journal Of Brand Management	27	1.829	SSCI	2020
61	Faheem Gul Gilal Justinpaul Naeem Gul Gilal Rukhsana Gul Gilal	Celebrity Endorsement And Brand Passion Among Air Travelers: Theory And Evidence	International Journal Of Hospitality Management	85	4.465	SSCI	2020
62	Faheem Gul Gilal, Nisar Ahmed Channa, Naeem Gul Gilal, Rukhsana Gul Gilal, Zhenxing Gong, Na Zhang	Corporate Social Responsibility And Brand Passion Among Consumers: Theory And Evidence	Corporate Social Responsibility And Environmental Management	27	5.513	SSCI	2020
63	Muhammad Shahid Mehmood, Zhang Jian, Faheem Gul Gilal	Entrepreneurial Leadership And Employee Innovative Behavior: Intervening Role Of Creative Self-Efficacy	Human Systems Management	39	No	ESCI	2020
64	Faheem Gul Gilal, Naeem Gul Gilal, Beenish Tariq, Rehman Gul Gilal, Rukhsana Gul Gilal, Zhenxing Gong, Nisar Ahmed Channa	Intergenerational Differences In Fans' Motivation To Watch The T20 World Cup: A Generation Cohort Theory Perspective	International Journal Of Sports Marketing And Sponsorship	22	0.848	SSCI	2020
65	Zhenxing Gong, Jie Yang, Faheem Gul Gilal, Lyn M. Van Swol, Kui Yin	Repairing Police Psychological Safety: The Role Of Career Adaptability, Feedback Environment, And Goal-Self Concordance Based On The Conservation Of Resources Theory	Sage Open	10	0.675	ISI	2020
66	Faheem Gul Gilal, Nisar Ahmed Channa, Naeem Gul Gilal, Rukhsana Gul Gilal	Review Of Advanced Product Design Techniques Aiming To Capture Marketing Outcomes	Recent Patents On Engineering	14	No	SCOPUS	2020
67	Faheem Gul Gilal, Naeem Gul Gilal, Nisar Ahmed Channa, Rehman Gul Gilal, Rukhsana Gul Gilal, Muhammad Nawaz Tunio	Towards An Integrated Model For The Transference Of Environmental Responsibility	Business Strategy And The Environment	29	6.381	SSCI	2020

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
68	Faheem Gul Gilal, Jian Zhang, Rukhsana Gul Gilal & Naeem Gul Gilal	Linking Motivational Regulation To Brand Passion In A Moderated Model Of Customer Gender And Age: An Organismic Integration Theory Perspective	Review Of Managerial Science	14	2.393	SSCI	2020
69	Ghulam Abbas, Shouyang Wang	Does Macroeconomic Uncertainty Really Matter In Predicting Stock Market Behavior? A Comparative Study On China And Usa	China Finance Review International	10	No	ESCI	2020
70	Alhamzah Fadhil Abbas, Ahmed Bin Jusoh, Adaviah Mas'od, Javed Ali.	Bibliometric Analysis Of Global Research Trends On Electronic Word Of Mouth Using Scopus Database	Journal Of Critical Reviews	7	No	SCOPUS	2020
71	Muhammad Azeem Abro, Rohaizat Baharun, Ahsan Zubair	Information Credibility And Organizational Feedback; A Solution To Plethora Of Consumer Advocacy, Brand Avoidance And Community Usefulness	The Bottom Line	33	No	ESCI	2020
72	Abraham Zhang, Ray Y Zhong, Muhammad Farooque, Kaikang, V G Venkatesh	Blockchain-Based Life Cycle Assessment: An Implementation Framework And System Architecture	Resources, Conservation And Recycling	152	7.044	SCIE	2020
73	Muhammad Muzamil Sattar, Asad Ali Qazi, Farhan Shahzad, Abdul Rehman Shaikh	Flori Pharma: Maintaining Ethics In An Unethical Sales Environment	Emerald Emerging Markets Case Studies	10	No	ESCI	2020
74	Javed Ahmed Memon, Guo Fei, Muhammad Shaique, M. Usman, M. Nazir	Moderating Influence Of Audit Quality On The Relationship Between Concentrated Ownership And Accounting Conservatism: In Pakistani Listed Firms: Empirical Evidence From Gmm Technique	Journal Of Critical Reviews	7	No	SCOPUS	2020
75	Kris Boudt, Mulazim-Ali Khokhar	Performance-Sharing Optimization By Risk-Constrained Equity Investors	Finance Research Letters	38	1.709	SSCI	2020
76	Pashmina Nisar Pathan, Dhani Bux Shah, Nabeel Nisar, Zarina Mustafa	Obtaining 3+ Gpa: Students' Learning Perspectives	Universal Journal Of Educational Research	8	No	SCOPUS	2020
77	Asad Khan Abdul, Muhammad Ibrahim Khan, Niaz Ahmed Bhutto	Reassessing The Impact Of Risk Management Capabilities On Firm Value: A Stakeholders Perspective	Sukkur Iba Journal Of Management And Business	6	No	HEC	2020

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
78	Pervaiz Ahmed Memon, Mir Muhammad Shah Syed, Niaz Hussain Ghumro, Rohani Md Rus	Capital Structure And Adjustment Speed: Evidence From Listed Manufacturing Firms In Indonesia And Malaysia	Indonesian Capital Market Review	11	No	ESCI	2020
79	Wenjing Li, Tahseen Ahmed Bhutto, Wang Xu Hui, Qamaruddin Maitlo, Abaid Ullah Zafar, Niaz Ahmed Bhutto	Unlocking Employees' Green Creativity: The Effects Of Green Transformational Leadership, Green Intrinsic, And Extrinsic Motivation	Journal Of Cleaner Production	255	6.395	SCIE & SCOPUS	2020
80	Zahid Hameed, Ikram Ullah Khan, Tahir Islam, Zaryab Sheikh, Rana Muhammad Naeem,	Do Green Hrm Practices Influence Employees' Environmental Performance?	International Journal Of Manpower	41	0.882	SSCI	2020
81	Rana Muhammad Naeem, Khalil Ahmed Channa, Zahid Hameed, Ghulam Ali Arain, Zia Ul Islam	The Future Of Your Job Represents Your Future: A Moderated Mediation Model Of Transformational Leadership And Job Crafting	Personnel Review	50	1.36	SSCI	2020
82	Umair Ahmed, Adel Ali Yassin Alzyoud, Saeed Abbas Shah, Meryem Fati	Intervening Role Of Ambidexterity In The Hr Practices-Innovation Performance Nexus	International Journal Of Innovation, Creativity And Change	12	No	ESCI	2020
83	Zaheer Anwer, Shabeer Khan, Muhammad Abu Bakar	Shari'ah-Compliant Central Banking Practices: Lessons From Muslim Countries' Experience	Isra International Journal Of Islamic Finance	12	No	ESCI	2020
84	Sheraz Mustafa Rajput	How Does Primary, Secondary And Tertiary Education Affect Global Terrorism? Fresh Evidence With International Panel Data	Journal Of Aggression, Conflict And Peace Research	12	No	ESCI & SCOPUS	2020
85	Shuaib Ahmed Soomro, Olivier Roques, Akhtiar Ali	Fear Of Terror And Employees' Behaviour In Terrorist-Ridden Areas	Journal Of Aggression, Conflict And Peace Research	12	No	ESCI & SCOPUS	2020
86	Bisharat Hussain Chang, Suresh Kumar Oad Rajput, Niaz Ahmed Bhutto, Zahida Abro	Asymmetric Effect Of Extreme Changes In The Exchange Rate Volatility On The Us Imports: Evidence From Multiple Threshold Nonlinear Autoregressive Distributed Lag Model	Studies In Economics And Finance	37	No	ESCI	2020
87	Syed Aamir Ali Shah, Muhammad Shakeel Sadiq Jajja, Kamran Ali Chatha, Sami Farooq	Servitization And Supply Chain Integration: An Empirical Analysis	International Journal Of Production Economics	229	4.998	SCIE	2020

S#	Authors	Title	Journal	Vol	Impact Factor	Indexed	Year
88	Tariq Aziz, Ranjeeta Sadhwani, Ume Habibah, Mazin A. M. Al Janabi	Volatility Spillover Among Equity And Commodity Markets	Sage Open	10	0.675	ISI	2020
89	Bilal Afsar Waheed Ali Umrani	Corporate Social Responsibility And Pro Environmental Behavior At Workplace: The Role Of Moral Reflectiveness, Coworker Advocacy, And Environmental Commitment	Corporate Social Responsibility And Environmental Management	27	5.513	SSCI	2020
90	Umair Ahmed, Kabiru Maitama Kura, Waheed Ali Umrani, Munwar Hussain Pahi	Modelling The Link Between Developmental Human Resource Practices And Work Engagement: The Moderation Role Of Service Climate	Global Business Review	21	No	ESCI & SCOPUS	2020
91	Ghulam Ali Arain, Imran Hameed, Waheed Ali Umrani, Abdul Karim	Consequences Of Supervisor Knowledge Hiding In	Applied Psychology	70	No	SCOPUS	2020
92	Bilal Afsar, Basheer Al Ghazali, Waheed Umrani	Corporate Social Responsibility, Work Meaningfulness, And Employee Engagement: The Joint Moderating Effects Of Incremental Moral Belief And Moral Identity Centrality	Corporate Social Responsibility And Environmental Management	27	5.513	SSCI	2020
93	Bilal Afsar, Basheer M. Al-Ghazali, Zia Ur Rehman, Waheed Ali Umrani	The Moderating Effects Of Employee Corporate Social Responsibility Motive Attributions (Substantive And Symbolic) Between Corporate Social Responsibility Perceptions ...	Corporate Social Responsibility And Environmental Management	27	5.513	SSCI	2020
94	Abbas Ali Chandio, Ilhan Ozturk, Waqar Akram, Fayyaz Ahmad & Aamir Ali Mirani	Empirical Analysis Of Climate Change Factors Affecting Cereal Yield: Evidence From Turkey	Environmental Science And Pollution Research	27	2.914	SCIE	2020
95	Abbas Ali Chandio , Yuansheng Jiang, Fayyaz Ahmad , Waqar Akram , Sajjad Ali , Abdul Rauf	Investigating The Long-Run Interaction Between Electricity Consumption, Foreign Investment, And Economic Progress In Pakistan: Evidence From Vecm Approach	Environmental Science And Pollution Research	26	2.914	SCIE	2020
96	Tahira Javed, Jun Yang, Waseem Gul Gilal And Naeem Gul Gilal	The Sustainability Claims' Impact On The Consumer's Green Perception And Behavioral Intention: A Case Study Of H&M	Advances In Management And Applied Economics	10	No	OTHER	2020

Cases Presented in National Conferences at SIBAU

S. No:	Topic	P.Author	University	Discipline
1	Implementing evaluation: IBA-public school Sukkur, Pakistan	Rukhman Solangi	Sukkur IBA University	HR/GM
2	Bank Al-Habib Limited: Deciding which way to go? Moving step ahead in	Kashif Mehmood Malik	Szabist Karachi	Finance
3	Fatah Public Grammar School: Expanding or Destroying the Future	Majid Hashim	Sukkur IBA University	Corporate Strategy
4	Al-murtaza transportation service -converting debacle into success again	Zafarullah	Sukkur IBA University	Marketing
5	Pizza Town Sukkur: Evaluating the Expansion Options	Mohsin AM Qazi	Sukkur IBA University	Marketing
6	Sindhri: a new opportunity	Aaqib Hajano	Sukkur IBA University	Marketing
7	Vendor Management at Chevron Pakistan for Brand Building	Iqbal Yasin	IQRA University	Marketing
8	Kareems at crossroad	Sabika Hassan	Sukkur IBA University	Marketing
9	Bay's international (private) limited-changing market dynamics	Saad Farooqui	SZABIST	Marketing
10	Enchante: Entrepreneurship under the shadows of bullets	Muhammad Shahid Qureshi	Institute of Business Administration (IBA)	Entrepreneurship
11	Sindhri Restaurant's Expansion and Pricing	Tariq Mehmood	Sukkur IBA University	Marketing
12	Indus optics: the future leader?	Yumna Khan	Sukkur IBA University	Marketing
13	Good food: going down	Arslan Amanullah	Sukkur IBA University	Accounting
14	Complaint dilemma at sana public school sukkur	Abdus Samad Malik	Sukkur IBA University	Marketing
15	Zarae ootaque: the agri consultants	Amin Rashid	Sukkur IBA University	Marketing
16	What to buy for my love...	Muhammad Muzamil Sattar	Sukkur IBA University	Marketing
17	Trg budgetary dilemma	Syed Danish Raza	Sukkur IBA University	Accounting
18	Geox footwear: stepping ahead	Majid Hashim	Sukkur IBA University	Accounting
19	Creamy Crunch Ice-Cream: Quandary of ABC Costing	Sawera Khan	Sukkur IBA University	Accounting
20	Merger MCB & NIB	Kamla Rani	Sukkur IBA University	Corporate Strategy
21	Sartyoon Sang Crafts Enterprise (Casestudy)	Faisal Kareem Khuhro	Sukkur IBA University	Accounting
22	Habib construction services:bid pricing decision	Sumbul Imran	Sukkur IBA University	Accounting
23	Saeed agricultural farm: plannig optimum production	Saddam Hussain	Sukkur IBA University	Accounting
24	Classic 36	Sikandar AM	Sukkur IBA University	Marketing
25	Enduring Competition with Jillani Goods Transport Company	Saddam Hussain	Sukkur IBA University	Marketing
26	Pizza Palace: Where Customer is King	Faisal Kareem Khuhro	Sukkur IBA University	Marketing
27	Lucky Marwat Hotel: Positioning and Managing Customer Loyalty	Sajjad Bhutto	Sukkur IBA University	Marketing
28	M. Hanif mechanical engineering works	Syeda Sabika	Sukkur IBA University	Accounting
29	Karim iron manufacturing: through put accounting model	Moez-ul-Haq	Sukkur IBA University	Accounting
30	Lunch.pk: A new costing system	Syed Abul Qasim Shah	Sukkur IBA University	Accounting
31	Sakafat dost: bamboo business	Sadaf Mughal	Sukkur IBA University	Accounting
32	Family-investment planning	Vikesh Kumar	Sukkur IBA University	Finanee
33	Bismillah marble factory costing confront.	Maaz Bin Rehman	Sukkur IBA University	Accounting
34	KD Construction company: Bidding and Cost Estimation	Faisal Karim Khuhro	Sukkur IBA University	Accounting

Funded Projects in 2019 and 2020

S.No:	Researcher	Title of project	Sponsored by	Budget	Month and Year
1	Prof. Dr. Pervaiz Ahmed Memon	Covid-19 impact on SMEs	International Trade Centre (ITC), Geneva, Switzerland	Rs.1.534 Million	2020
2	Prof. Dr. Pervaiz Ahmed Memon	Collection of data on the competitiveness of farmers and agribusiness services in Sindh using the ITC SME Competitiveness Survey and ITC Farm Survey	International Trade Centre (ITC), Geneva, Switzerland	Rs.4,336,778	2019

Papers Presented in National Conference Held at SIBAU

S.No:	Paper Id:	Topic	P .Author	Co-Authors	Discipline
1	S99S9S699	Internal And External Market Orientation: An Omitted Phenomenon In Malaysian Public Universities	Faiz Khuwaja	Hasnizam Shaari, Lily Abuba kar and Ammar Ahmad	Marketing
2	899910194	Pull Factors Influencing International Student Destination Choice Of Thailand	Sanaullah Shar	Dr. Donyaprueth Krairit	Marketing
3	90174S4S3	Development Of 2 Qualitative Research Courses	Dhani Bux Shah	-	Education
4	-	Teacher Education Reforms: A Comparative Analysis Of Teacher Education Reforms In Pakistan And Germany	Rizwana Bashir	Irfan Rind	Education
5	903147473	Exploring Policies, Strategies, Practices, And Assessment Of ICT And Instructional Leadership In Universities Of Sindh	Kiran Hashmi	Shariq Zameer	Education
6		Hospital Laissez-Faire Leadership Characteristics Influence On Doctors Commitment To Service Quality	Zara All Abbasi	Dr Munawar Hussain Pahi, Dr Kamal Ab Hamid	HR/GM
7	903524S54	Factors Responsible For The Teachers' Job Satisfaction In Community Colleges Affiliated With Sukkur IBA UNIVERSITY, Sukkur	Mahmood Ahmed Dool	-	Education
5	-	Impact Of External Examination On Teaching And Learning- A Comparative Study Of Public And Private Examination Boards At Secondary Level Of Education	Muhammad Ashraf Bhutto	Irfan Ahmed Rind	Education
9	907045418	Bridging The Gap Between Assessment Knowledge And Action Through Action Research In The Context Of Sindh, Pakistan	Aisha Naz	Harish Kumar, Unaeza Alvi	Education
10	907413773	Role Of Gender In Multitasking Among Managers: An Exploratory Study	Almas Gul	-	HR/GM
11	908665103	Drivers Of Financial Performance In Micro-Finance Institutions In Pakistan - A Panel Data Analysis	Soman Sajjad	Mahmood Ali	Finance
12	908665338	Volatility Spillover Among Equity And Commodity Markets	Tariq Aziz	Ranjeeta Sadhwani and Ume Habibah	Finance
13	908665467	Engaging Primary School Children In Mathematical Discourse: An Experience Of A Pakistani Classroom	Shahid Hussain Mughal	-	Education
14	909143509	From Relationship Benefits To Loyalty In Retail Innovation: An Empirical Retailing Analysis In Pakistan	Maqsood Bhutto	Musaira Bhutto, Nisar Channa, Niaz Bhutto	Marketing
15	909143793	Impact Of Foreign Direct Investment And Export On Economic Growth In BRICS And Pakistan	Kiran Tariq	Muhammad Adnan	Economics/ Finance
16	909144264	Investor Sentiments And Fama-French Five Factors Premia	Ume Habibah	Mujeeb-ur-Rehman Bhayo	Fi nance
17	909144550	Examining The Relationship Between Math Scores And Language Reading Skill Of Grade 8 Students Based On Standardized Achievement Test (SAT) In The Urban Context Of Sindh, Pakistan	Tariq Memon	-	Education
18	909144829	Asymmetric Determinants Of Stock Prices: Evidence From Pakistan	Bisharat Chang	Suresh Kumar	Fi nance
19	910528330	Cultural Changes In China: Impact Of Globalization And Openness On New Generation	Marvi Mangi	Saeed A Shaikh, Amna Shabir	HR/GM
20	910528652	Exchange Rate, Political Risk And Trade Balance In Pakistan: ARDL Approach	Pirih Mukesh	Niaz Hussain Ghumro, Nadeem Ahmed	Economics
21	910529260	The Mediating Role Of Work-To-Life Conflict On The Relationship Between Job Characteristic And Well-Being At Work Full-Time Employees (UniversityTeachers)	Kamla Rani	Arty Kakreja	HR/GM

S.No:	Paper Id:	Topic	P .Author	Co-Authors	Discipline
22	910529470	Role Stress And Its Outcomes: Evidence From Hotel Industry Of Lahore, Pakistan	Asif Nawaz	Kamran Yousaf Sandhu	HR/GM
23	911884260	Determinants Of Investment Trading Behavior In Pakistan	Vikesh Kumar	-	Fi nance
24	912435530	Impact Of Real Effective Exchange Rate On Tourist Flow In BRICS	Ksushboo Khero	Niaz Ghumro, Zaheer Bukhari, Khuda Dino Channa	Economics/ Fi nance
25	913423218	From Value Creation To Value Co-Creation And Its Managerial Implications	Yusra Jamil Memon	-	Marketing
26	980142019	Impact Of Corporate Social Performance On Corporate Financial Performance: Evidence From Pakistan	Mahwish Jillani	Namarta Kumari	Fi nance
27	980142280	Consumer's Willingness To Knowingly Purchase Counterfeit Products	Ahsan Awan	Shaiwana Pathan and Ans Dahar	Marketing
28	980142359	Determinants Of Islamic Banking Adoption In Pakistan	Izza Sajid	Naheel Ahmed and Avinash Raj	Fi nance
29	980142451	Children Perceptions Of Emotional And Rational Appeals In Social Advertisements: An Evidence From Pakistan	Af ta b Al i Soomro	Danish Shaikh	Marketing
30	980144630	Factors Emphasizing The Usage Of Mobile Financial Banking	Wajahat Baig	Sanaya Hafeez, Shahtaj Munir	Fi nance
31	980144964	Factors Determining Capital Structure And Firm Performance	Afroz Alvi	Rajab Meer, Payal Nankani	Fina nee
32	980145088	The Role Of Financial Advice And Word-Of-Mouth Communication On The Association Between Investor Personality And Stock Trading Behavior: Evidence From Pakistan Stoc k Ma rket	Uzair Abdullah	Nusrat Kurio, Muhammad Asif Khan	Fina nee
33	980145359	The Effect Of Stock's Liquidity On Dividend Payout Of The Companies Listed At The PSX-100 Index Of Pakistan	Zahra Ashraf	Samina Shaikh, Muha mmad Ghazali Amjad	Fina nee
34	980145450	Effects Of Perceived Service Quality, Customer Satisfaction, And Customer-Company Identification On Repurchase Intentions In Restaurant Industry	Waleed Nadeem	Naib Shaikh	Marketing
35	980146450	Determinants Of Households Savings In Sindh	Saba Maitlo	Kainat Maria	Economics
36		Advertising Effectiveness On Financial Performance Of Private Banking Sector In Pa kistan	Nabeel Arain	Uzair Nazir, Umair Ali	Fina nee
37	980146654	The Effects Of Uppercase And Lowercase Wordmarks On Brand Perceptions	Muhammad Subhan Khan	Muha mmad Murad Murtaza and Measum Ali	Marketing
38	980146726	Impact Of Knowledge Economy On The Economic Growth	Aleena Khan	Babita Lohana, Masha l Awan	Economics
39	980146838	The Celebrity Endorsement, Self-Brand Connection And Consumer Based Brand Equity	Mir Hassan Junejo	Khuda Bux Nohri, Asad Gulzar Bhatti and Hasnain Rajpar	Marketing
40	980146898	Assessing The Students' Intention To Stay In Same University Or To Move To Any Other For Further Studies: A Study Of Sukkur IBA University	Mohammad Armughan	Kalsoon Ali Bhayo and Hira Soomro	HR/GM
41	980146967	Attitude And Factors That Affects MBA Students' Learning Via Case Study Methodology	Wajeeh Hassan	Muza mmil Shafique	HR/GM
42	980147023	Factors Influencing Consumers' Attitude Towards Online Video Advertisements On Facebook	Shahnaz Soomro	Waqar Ahmed and Javed Ali	Marketing
43	980147075	OCTA Model Of Group Productivity	Kamran Bashir	-	HR/GM
44	980147124	The Profitability In Islamic And Conventional Bank: Pakistani Perspective	Sadia Awan	Danyal Ahmed	Fina nee
45	980147260	Development Of Brand Awareness Through Brand Recall, Recognition And Social Media Networks	Darban Ali	Shaoor Ahmed, Dilshad Ali	Marketing
46	980147312	Intrinsic Motivation As Potential Moderator On The Relationship Between Family Motivation And Interpersonal Organizational Citizenship Behavior: A Proposed Framework	Imdad Ali	-	HR/GM



Department of Computer Science

The information technology industry is constantly evolving due to a never-ending supply of new and emerging trends to cope with technological challenges. The Department of Computer Science was established to meet the demand for well-qualified computer professionals. It covers a wide area of information science that support the infrastructure of highly information-oriented society. The department aims to produce IT professionals who are eager to keep pace with technology, hunt unlimited opportunities to innovate, grow, and thrive.

Vision

To become a world-class center of excellence in disruptive technologies for the betterment of humanity.

Mission

The mission of the 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 an awareness of ethical norms and technological skills to promote their entrepreneurial behavior and leadership expertise.

Academic Programs

Undergraduate Programs

- Bachelor of Science (Computer Science) BS (CS)

The BS (Computer Science) program is designed to produce quality graduates with problem-solving skills and analytical abilities in both theory and applications of computer science. It offers practical knowledge and hands-on experiences to students in a variety of topics including fundamentals of information technology, modern hardware and software, mathematics, logic design, algorithms, programming languages, design and modeling, computer communication and networks and development of interactive systems, measurement and analysis. The BS (CS) program enables students to acquire knowledge and skills in the multi-disciplinary field of studies such as mathematics, statistics, economics, finance, business, education and engineering.

- Bachelor of Science (Software Engineering) BS (SE)

The BS (Software Engineering) program is designed to produce quality graduates by imparting strong problem solving, technical, engineering and managerial skills among students in the domain of software engineering. It offers students to learn through hands-on experiences by covering all aspects of software engineering, including problem modelling and analysis, software design and development, software verification and validation, software project management, and conformance of software quality.

Postgraduate Programs

- **MS Computer Science / Software Engineering Program**

The postgraduate program of the Department of Computer Science aims at producing high-quality scholars in the areas of computer science and software engineering who possess leadership skills to provide effective solutions to industrial, community, and academic problems. It aims to develop and sustain a research culture by imparting innovative and multi-disciplinary approaches. We emphasize on contributing to the existing body of knowledge through rigorous research in emerging areas of Data Analytics, AI, Robotics and Blockchain.

- **Ph.D. Computer Science Program**

The general purpose of the Ph.D. program is to provide an educational experience that will enable its graduates to develop new knowledge in the discipline. PhD candidates are fundamentally driven by their desire to advance state of the art and discover new phenomena, theories, and previously unknown applications. The Sukkur IBA University's PhD Program puts emphasis on rigorous coursework and high-quality research that worth of publishing in peer-reviewed international conferences and journals. A PhD student is encouraged to tackle both course work and research in parallel; success in both components is a requirement for the award of the PhD degree.

Accreditation of Programs

All programs running under the umbrella of the CS department are duly recognized by the national and international accreditation bodies. The HEC-NCEAC has awarded the highest category "W" to our Computer Science programs. The department is focused on getting the ABET Accreditation, and the process has been initiated to submit the initial review readiness report.

International Collaborations/Linkages

NORPART Project

Project Name:	Curricula Development and Capacity Building in Applied Computer Science for Pakistani Higher Education Institutions (CONNECT)
Funding Agency:	Norwegian Government
Project Scheme:	NORPART 2021
Funding Amount:	8.098 million NOK
Project Coordinators:	Prof. Dr Javed Ahmed Shahani and Prof. Dr Sher Muhammad Doudpota
Project Time:	January 2022- December 2026

Project Summary

CONNECT aims to enhance the quality of higher education in Pakistan through academic cooperation with Norway, launch a master program at the partner institute, and support mutual student mobility. Two partner universities in CONNECT are the Norwegian University of Science and Technology (NTNU) in Norway and Sukkur IBA University (SIBAU) in Pakistan. The key objective of CONNECT is to create a national curriculum for master's program in applied Computer Science at SIBAU and to strengthen the existing research corporation between the two institutes. The following are the sub-objectives of CONNECT: facilitating the accreditation process, developing an expert pool, and launching a master's degree program. Under this partnership, on the one hand, NTNU will support SIBAU in developing a curriculum. On the other hand, after properly disseminating results within Norway and South Asian countries, it will be a direct advantage for NTNU to get international inputs and showcase their expertise. There are five work packages (WPs) with several activities to complete CONNECT successfully. SIBAU will lead the WP1 (Preparation), including academia-industry gap analysis. SIBAU will also lead the WP2 (Development), which includes developing a new curriculum and course teaching materials. NTNU will lead WP3 (Quality Assurance and Accreditation) and WP4 (project management); both WPs will play a significant role in running the project smoothly. SIBAU will lead the WP5 (Dissemination & Exploitation). The expected outcomes of the planned activities of CONNECT are strengthening faculty-to-faculty ties between SIBAU and NTNU, offering international exposure to students and faculty members from both the institutions and launching the master's degree program in SIBAU. Moreover, the outcomes of dissemination and exploitation activities of CONNECT will increase the impact not only on the immediate participants and partners but also on Norway and Pakistan for years to come.

Erasmus+ ICM Project:

Erasmus+ ICM Project is funded by European Commission to support unilateral faculty and student exchange between Sukkur IBA University and the La Sapienza University of Rome, Italy. This project is coordinated by Prof. Dr. Javed Ahmed Shahani (Sukkur IBA University) and Prof. Dr. Paolo Bottoni (La Sapienza University). Currently, one faculty member and two students are fully funded to perform exchange under this project. Department of Computer Science Sukkur IBA University signed MoU with the Department of Computer Science of Sapienza University of Rome (Italy) with the aim of enhancing faculty and student exchanges.

Ais@Connect TEIN*CC International Project

Project Name:	Building a High Bandwidth Distributed HPC (High Performance Computing)
Funding Agency:	Ais@Connect TEIN*CC
Project Scheme:	Ais@Connect 5th Proposal Call
Funding Amount:	150K Euros (Approx. 30 million PKR)
Project Co-PI @ SIBAU:	Dr Syed Asif Raza Shah
Project Time:	February 2022 - February 2023

Project Summary

From Pakistan, Sukkur IBA University jointly submitted the project with South Korea, Australia and Malaysia in Asi@Connect 5th Call of Trans-Eurasia Information Network (TIEN). The title of project is "Building a High Bandwidth Distributed HPC". Under this project, all participating countries will establish ScienceDMZ/DTNs Infrastructure, and it will be part of the Big Data superhighway and manage high performance distributed CPUs/GPUs resources for AI and Big Data workloads across Asian countries. By using this project, our researchers, faculty members, and students will utilize the distributed computing resources of various Asian/European countries for AI & Big Data use cases.

Key Objectives of Project

This proposal utilizes TEIN-based high performance network infrastructure and links the computing resources of each participating country to enable a high-performance computing environment, thereby providing sufficient computing resources for underdeveloped countries in a high-performance distributed network environment. To build a high-performance network environment based on TEIN, ScienceDMZ technology is used, and container cloud technology is used to build a high-performance computing environment in a distributed environment. Given such a high-performance network-based distributed high performance computing environment, we will focus to build applications relevant to biotechnology (bioinformatics-based) and artificial intelligence research, which are key drivers of advances in life sciences. The ongoing COVID-19 has further amplified the need for HPC resources and inter-connectivity to enable a rapid response through research and development, more so for underdeveloped/developing countries. The idle computing resources of Asian countries will be linked to form a high-performance computing environment based on TEIN; it will continue to serve as an infrastructure and platform to provide these computing resources to countries that need them in the future.

Building a big data superhighway based on TEIN: Participant countries, Australia (AARNet), Malaysia (MYREN), Pakistan (PERN), and Korea (KREONET), will jointly establish ScienceDMZ as a big data superhighway over TEIN. Each country will deploy DTN (Data Transfer Node) server at the end edge of each country's NREN. The DTN server will be configured and optimized to the TCP transfer performance. Then, each end-to-end network between DTNs, ScienceDMZ, will give a better networking performance over 75% than the interconnected physical network capacity. The research platforms or servers of each country will be connected from the DTN without networking performance degradation.

Building a distributed HPC platform: We will build a platform to manage CPU/GPU computing resources, including storage, in DTN or any server connected to DTN. We will use container cloud technology to make the CPU/GPU and storage resource to orchestrate and manage in a distributed and programmable manner. We will develop a user-friendly interface for an easy user interface, which will be used for university classes and science researchers who may not be familiar with well-versed in cloud usage.

Presenting pilot use cases: Based on the high bandwidth distributed HPC, we will build use-cases to demonstrate the application of the HPC in a distributed manner via the ScienceDMZ. The use cases will cover bioinformatics-based research through our Malaysian co-applicant partners and AI-based research through our Pakistan co-applicant partner. These applications will also include the associated human development. CPU/GPU-based computing resources will be transferred/used for the countries from Korea and Australia.

Center of Excellence for Robotics, Artificial Intelligence, and Blockchain (CRAIB)

This center is an integral part of the Department of Computer Science at Sukkur IBA University. The government of Sindh funds the CRAIB in August 2019. The project will be completed by July 2022. The total project funding is approximately 154 million PKR. The CRAIB would serve to:

- 1) Produce technical workforce in Artificial Intelligence, Robotics and Blockchain
- 2) Produce patentable research and support regional and national industry to increase productivity
- 3) Hunt various national and international grants to further sustain the CRAIB and run research activities.

We want to excel ourselves in AgriTech, BioTech, FinTech, EduTech, and SmartTech using AI, Robotics and Blockchain technologies. We aim to develop more useful products for the local community which will ease their lives. Further, our team intends to transform the local cities into smart cities by developing useful products. Finally, our team is willing to initiate more collaborations and linkages with national and international industries across the globe.

NASTECH Park Project

Nisar Ahmed Siddiqui Technology Park (NASTech Park) will be the fully integrated Technology Park (TP) of Sindh; the initiative is aimed at sparking the knowledge economy of Pakistan for the growth of hi-tech entities. The NASTECH Park was funded by Higher Education Commission (HEC), Pakistan in August 2021. The project will be completed by July 2024. The total project funding is approximately 967 million PKR.

Vision of NASTech Park

To establish a world class technology park aiming at providing a diverse technology hub and as important common-use infrastructure for technology development across Pakistan. Many leading local, national and international tech companies and tech startups will be based at NASTECH Park. In addition, it will provide a conducive ecosystem for developing innovative products in four different clusters namely, AgriTech, BioTech, EduTech, and SmartTech through the collaboration of research centers, universities, industry, communities and Governments. The above clusters will bring drastic change in the economic growth of country by creating more employability and giving platform to the emerging entrepreneurs, investors and venture capitalists.

Mission of NASTech Park

To be the state-of-the-art Technology Park encouraging the advancement of tech-oriented companies, businesses, ventures, startups and spin-off firms effectively contributing to Pakistan's technological growth, socio-economic growth, and the growth of knowledge economy.

NASTECH PARK Objectives

In order to improve the Pakistan's emerging economic growth by promoting the culture of innovation, knowledge creation, research & development, commercialization, reducing the industry academia gap and entrepreneurship ecosystem, the proposed project shall have the following objectives:

- 1) To facilitate, support and enhance high-tech R&D and manufacturing in the country.
- 2) To facilitate, support and enhance Small & Medium Enterprise (SME) Sector through effective processes of production.
- 3) To establish an innovation ecosystem for innovators where they can create new tech-oriented businesses by providing them allied facilities, including well-equipped incubations and consultancy.
- 4) To act as a knowledge hub and develop a knowledge-based Multi-Industry Cluster.
- 5) To promote the collaboration between the Academia, Government, Industry, and Society using the Quadruple Helix Model in the areas of research and development, and to create value out of it, through the creation of a community of companies, scientists, businessmen in Agri-tech, Bio-tech, Edu-tech, and Smart-tech sectors.
- 6) To provide modern common-use economic infrastructure to further growth and economic diversity.
- 7) To form a pool of experts from academia and industry who will provide the consultancy, mentoring and coaching to tenants of NASTECH Park and help them polish their raw ideas into valuable products.
- 8) To provide a seed funding to tenants to develop the proof of concepts for their ideas.
- 9) To promote research commercialization by providing the startups consultancy regarding the intellectual patents and connecting them with national and international venture capitalists and investors.
- 10) To accelerate the innovation-led economic growth of the country and region.

We are in close contact with several firms, and they are willing to set up their office at NASTECH park because of three prime reasons. First, they will get an office space at reasonable rent having all basic facilities including electricity, Internet services, 3D printing services, Lab services, FAB Lab services, etc. Second, at Sukkur and nearby cities, they can get relatively cheap skilled resources compared to resources at bigger cities of Pakistan such as Karachi, Islamabad and Lahore. Last, they want to attract more local clients so that they can easily provide support and services to them at their premises.

NASTech Park Core Sectors

NASTech Park will be the first fully integrated technology park in Sukkur, Sindh; the initiative meticulously aimed at kindling the knowledge economy of Pakistan by stimulating and nurturing innovation-led germination and growth of high-tech entities. NASTech Park will emerge as an innovation powerhouse for businesses; the new national tech-pad where entrepreneurs and multinationals come together to discover, ideate, create, collaborate and break new ground in four core sectors including, AgriTech, BioTech, EduTech and SmartTech.

HEC Funded Projects:

Project Name:	Aspect-based Emotion Recognition of Urdu Audio Calls through Big Data Analytics and Deep Learning Techniques
Funding Agency:	HEC, Pakistan
Project Scheme:	NRPU-2021
Funding Amount:	8.0 million PKR
Project PI:	Prof. Dr Ghulam Mujtaba Shaikh
Co-PI:	Dr Sher Muhammad Daudpota
Project Time:	December 2021- Nov 2023

Project Summary

In Pakistan, several Government organizations and businesses operate call centers that record conversations with citizens or customers for training or regulatory purposes. These vast collections of audios offer unique opportunities for improving citizen and customer services. However, since audio data is mostly unsearchable, it is usually archived in these systems and never analyzed for insights. In recent years, several researchers developed speech-to-text and Natural Language Processing (NLP) algorithms in order to obtain useful and searchable information from the recorded calls. The speech-to-text algorithms are capable of converting the audio into digital text, and then NLP algorithms are employed to classify the converted text into either specific sentiment (such as positive, negative, or neutral) or specific emotions (such as happy, sad, angry, disgust, fear, surprise or neutral).

Nevertheless, several authors have attempted to elicit the sentiments and emotions from recorded audio calls. However, the existing algorithms suffer from three major limitations. First, the existing algorithms mainly work on English spoken audio calls. Second, the existing algorithms are capable of eliciting the sentiments and emotions only and not capable of eliciting the aspect or context of the recorded calls. Finally, the existing algorithms were evaluated on artificially created audio calls as opposed to real-world call center audio calls, which pose additional challenges compared to artificially created datasets. Thus, it is hypothesized that the performances of existing algorithms may decline on real audio calls.

Therefore, to address the aforementioned weaknesses of existing algorithms, this project aims to propose a novel Aspect-based Emotion Recognition (ABER) technique using big data analytics and deep neural network algorithms to elicit the emotions and context of Urdu spoken audio calls. The proposed approach first takes the recorded Urdu audio call as an input and then converts the call into Urdu text. Afterwards, the text will be used to classify the emotions into either of eight classes namely, happy, sad, angry, frustrated, fear, surprise, calm and neutral. Finally, our proposed ABER technique will be able to elicit the context or aspect of the classified emotion. For instance, if the emotion classifier classified the call into happy emotion, then our proposed technique will also classify the reason behind the happiness of customer such as, happy because of our service, or because of our product line, or price, etc. We believe that this project will contribute to the existing body of knowledge because to the best of our knowledge, there is no any published literature that proposed the emotion and its context elicitation from Urdu spoken audio calls. In addition, our unique and innovative solution will bring significant improvement in call centers operated by Government or private firms by taking timely actions on citizens and customers calls.

Our proposed project is very much in line with Government policies and programs which emphasize on putting people first by promoting the use of innovation and technology and to improve the knowledge economy of Pakistan. Specifically, the project objectives are aligned with three main pillars of Pakistan vision 2025 namely, Pillar-I, Pillar-V, and Pillar-VI. Furthermore, we aim to collaborate with Lakson group of companies which own several call centers across the country and are interested in using the innovative solution to get the maximum insights of recorded Urdu spoken calls in automated fashion and to improve the customer services. Finally, this project will develop a competitive knowledge economy through value addition in call centers.

Sindh HEC Funded Projects:

Project Name:	Predicting the Botanical Origin and Authenticity of Pakistani Stingless Bee Honey through the Fusion of Multivariate Data Analysis and Machine Learning Algorithms
Funding Agency:	Sindh HEC
Project Scheme:	SRSP-2020
Funding Amount:	2.5 million PKR
Project PI:	Prof. Dr Ghulam Mujtaba Shaikh
Co-PI:	Prof. Dr Javed Ahmed Shahani
Project Time:	April 2021- March 2022

Project Summary

Pakistan possesses abundant natural resources that can sustain beekeeping activity, producing bee products and by-products that can be converted into high value-added health food, rich in antioxidants. Stingless bee produces

a high value of natural sweetener or honey with many therapeutic effects. This makes the demand for stingless bee honey increases though its productivity is naturally lower as compared to honey from honeybee. Because of this, stingless bee honey has often become a target for adulteration. Adulteration of honey is a critical issue as the nutritional value of pure honey is reduced by adding cheap and easily available sweeteners, which consequently cause health problems to consumers. To make it worst, adulteration of honey has evolved with sophisticated techniques such as feeding the bees with adulterant substances like sucrose or molasses. Investigation on honey authenticity available on the market is of high interest to regulating bodies, food industry, retail sellers, and consumers. Several works have been done to predict honey origin and authenticity; however, work in Pakistan is still limited. Therefore, this study will develop a rapid and reliable method for stingless bee honey origin and authenticity using a fusion of multivariate data analysis and machine learning algorithms. It is hypothesized that the metabolic profiles of stingless bee honey can provide information on the botanical origin and the stingless bee species, consequently revealing the authenticity of the product. Furthermore, the classifying pattern of metabolic fingerprint of stingless bee honey by fusion of multivariate data analysis and machine learning algorithms can successfully predict information for new and unknown samples.

Programming Resource Centre (PRC)

Programming Resource Centre aims to cultivate a programming culture to enhance the fundamentals of different programming languages, analytical and problem-solving skills, improve the quality of logic design, introduce innovative tools, and develop the advanced technical skillset among students to be globally competitive. The PRC facilitates, encourages and engages students in arranging events for programming competitions at the national and global levels. It enables students to create algorithms, translate ideas into code, and develop quality software for the solution of complex problems of society.

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

Sukkur IBA Journal of Computing and Mathematical Sciences (SJCMS) is an international peer-reviewed, Open Access bi-annual (June and December) research journal that focuses on articles that contribute new results in all computing and mathematics and is published by the Sukkur IBA University, Sukkur Pakistan. SJCMS aims to publish cutting-edge original research in the fields of computing and mathematical sciences. The objectives of SJCMS are:

- 1) To provide a platform for researchers for the dissemination of new knowledge.
- 2) To connect researchers at the global scale.
- 3) To fill the gap between academician and industrial researcher community.

SJCMS has published two volumes comprising four issues. We are ready to apply for the HEC recognition and category for the SJCMS.



Research Progress

International Journal Publications:

Sr. No.	Authors	Title	Journal Name	Year
1	Ferhat Ozgur Catak, Javed Ahmed, Kevser Sahinbas, Zahid Hussain Khand	Data augmentation based malware detection using convolutional neural networks	PeerJ Computer Science	2021
2	Javed Ahmed, Serena Villata, Guido Governatori	Information and friend segregation for online social networks: a user study	AI & Society	2019
3	Abdul Rehman Gilal, Ahsanullah Abro, Ghalib Hassan, Jafreezal Jaafar	A Rough-Fuzzy Model for Early Breast Cancer Detection	Journal of Medical Imaging and Health Informatics	2019
4	Shahzad, B.; Javed, I.; Shaikh, A.; Sulaiman, A.; Abro, A.; Ali Memon, M.	Reliable Requirements Engineering Practices for COVID-19 Using Blockchain	Sustainability	2020
5	Shahzad, B.; Fazal-e-Amin; Abro, A.; Imran, M.; Shoaib, M.	Resource Optimization-Based Software Risk Reduction Model for Large-Scale Application Development	Sustainability	2020
6	Saeed Ahmed Khan, Shamsuddin Lakho, Ahmed Ali, Abdul Qadir Rahimoon, Izhar Hussain Memon, Ahsanullah Abro	Book Chapter: Powering Healthcare IoT Sensors-Based Triboelectric Nanogenerator	Book: IoT Architectures, Models, and Platforms for Smart City Applications	2021
7	Tariq Mehmood, Faheem Akhtar, Sher doudpota, Khalil ur Rehman, Saqib Ali, and Fawaz Alghfari	A Comprehensive Survey on the Performance Analysis of Underwater Wireless Sensor Networks (UWSN) Routing Protocols	International Journal of Advanced Computer Science and Applications	2019
8	Tariq Mehmood, Faheem Akhtar, Khalil ur Rehman, Muhammad Azeem, Azhar Imran and Sher doudpota	Introducing robustness in DBR routing protocol	Int. J. of Communication Networks and Distributed Systems	2019
9	Azeem, Muhammad, Jingsha He, Khurram Gulzar Rana, and Faheem Akhtar	A cryptographic data hiding algorithm with high cover text capacity	International Journal of Electronic Security and Digital Forensics	2019
10	Faheem Akhtar, Jianqiang Li, Yan Pei, Shafaq Siraj and Zeeshan Shaukat	Macrosomia Fetus Prediction with Cluster-based Feature Selection Scheme	Book Chapter (Frontier Computing, Theory, Technologies and Applications (FC 2019))	2019
11	Gao Xiang, Jianqiang Li, Yan Pei and Faheem Akhtar	Turner Syndrome Prognosis with Facial Features Extraction and Selection Schemes	Book Chapter (Frontier Computing, Theory, Technologies and Applications (FC 2019))	2019
12	Guohong Yao, Jianqiang Li, Yan Pei, Faheem Akhtar and Bo Liu	An Automatic Turner Syndrome Identification System with Facial Images	Book Chapter (Frontier Computing, Theory, Technologies and Applications (FC 2019))	2019
13	Yuxi Chen, Xiaotong Zhang, Qing Zhao and Faheem Akhtar	An Ontology based Approach for User Preference Statistics	Book Chapter (Frontier Computing, Theory, Technologies and Applications (FC 2019))	2019
14	Wang, Yanan, Jianqiang Li, Sun Hongbo, Yuan Li, Faheem Akhtar, and Azhar Imran.	A survey on VV&A of large-scale simulations	International Journal of Crowd Science	2019
15	Faheem Akhtar, Jianqiang Li, Yan Pei, Azhar Imran, Asif Rajput, Muhammad Azeem, Qing Wang.	Diagnosis and prediction of large-for-gestational-age fetus using stacked generalization method	Applied Sciences	2019
16	Mokbal, Fawaz Mahiub Mohammed, Wang Dan, Azhar Imran, Lin Jiuchuan, Faheem Akhtar, and Wang Xiaoxi	MLPXSS: An Integrated XSS-Based Attack Detection Scheme in Web Applications Using Multilayer Perceptron Technique	IEEE Access	2019
17	Tariq Mahmood, Jianqiang Li, Yan Pei, Faheem Akhtar, Azhar Imran, Khalil ur Rehman	A Brief Survey on Breast Cancer Diagnostic with Deep Learning Schemes Using Multi-Image Modalities	IEEE Access	2020
18	Zhao, Qing, Guohong Yao, Faheem Akhtar, Jianqiang Li, and Yan Pei	An Automated Approach to Diagnose Turner Syndrome Using Ensemble Learning Methods	IEEE Access	2020
19	Qureshi, Sirajuddin, Jingsha He, Saima Tunio, Nafei Zhu, Faheem Akhtar, Faheem Ullah, Ahsan Nazir, and Ahsan Wajahat	A Hybrid DL-Based Detection Mechanism for Cyber Threats in Secure Networks	IEEE Access	2021
20	Mahmood, Tariq, Jianqiang Li, Yan Pei, Faheem Akhtar, Azhar Imran, and Muhammad Yaqub	An Automatic Detection and Localization of Mammographic Microcalcifications ROI with Multi-Scale Features Using the Radiomics Analysis Approach	Cancers	2021

Sr. No.	Authors	Title	Journal Name	Year
22	Mahmood, Tariq, Jianqiang Li, Yan Pei, Faheem Akhtar, Suhail Ashfaq Butt, Allah Ditta, and Sirajuddin Qureshi	An intelligent fault detection approach based on reinforcement learning system in wireless sensor network	The Journal of Supercomputing	2021
23	Qureshi, Sirajuddin, Jianqiang Li, Faheem Akhtar, Saima Tunio, Zahid Hussain Khand, and Ahsan Wajahat.	Analysis of Challenges in Modern Network Forensic Framework	Security and Communication Networks 2021	2021
24	Azhar Imran Jianqiang Li, Yan Pei, Faheem Akhtar,, Tariq Mahmood, Yanping ding	Fundus Image Based Cataract Classification using Hybrid Convolutional and Recurrent Neural Network	The Visual Computer	2021
25	Azhar Imran Jianqiang Li, Yan Pei, Faheem Akhtar,, Ji-jiangyang, yanping ding,	Automated identification of cataract severity using retinal fundus images	Computer Methods in Biomechanics and Biomedical Engineering Imaging & Visualization	2020
26	Yuxi Chen, Xiaotong Zhang, Qing Zhao, Faheem Akhtar,	"A Time Effect based Collaborative Filtering Approach for User Preference Statistics and Recommendation	Journal of Physics Conference Series	2020
27	Arif Hussain, Hina Magsi, Arslan Ahmed, Hadi Hussain, Zahid Hussain Khand, Faheem Akhtar,	The Effects of Using Variable Lengths for Degraded Signal Acquisition in GPS Receivers	Inf. Journal of Electrical and Computer Engineering	2020
28	Arif Hussain, Gulsher Ali, Faheem Akhtar	Design and Analysis of NEWS Category Predictor	ETASR - Engineering, Technology & Applied Science Research Data Policies	2020
29	Asif Rajput, Faheem Akhtar, Arif Hussain, Zahid Hussain khand,, Hina Magsi,	A Versatile Decentralized 3D Volumetric Fusion for On-line Reconstruction	ETASR - Engineering, Technology & Applied Science Research Data Policies	2020
30	Azeem, Muhammad, Jingsha He, Allah Ditta, Faheem Akhtar, and Sher Muhammad Daudpota.	A novel approach to secret data concealment with high cover text capacity and security.	International Journal of Electronic Security and Digital Forensics	2020
31	Qureshi, Sirajuddin, Saima Tunio, Faheem Akhtar, Ahsan Wajahat, Ahsan Nazir, and Faheem Ullah	Network Forensics: A Comprehensive Review of Tools and Techniques	International Journal of Advanced Computer Science and Applications	2021
32	Hussain, Arif, Hina Magsi, Arslan Ahmed, Hadi Hussain, Zahid Hussain Khand, and Faheem Akhtar.	The effects of using variable lengths for degraded signal acquisition in GPS receivers	International Journal of Electrical and Computer Engineering (IJECE)	2021
33	Atif, M., Z. H. Khand, S. Khan, Faheem Akhtar, and Asif Rajput.	Storage Optimization using Adaptive Thresholding Motion Detection	Engineering, Technology & Applied Science Research,	2021
34	Hussain, Arif, Faheem Akhtar, Zahid Hussain Khand, Asif Rajput, and Zeeshan Shaukat.	Complexity and Limitations of GNSS Signal Reception in Highly Obstructed Enviroments	Engineering, Technology & Applied Science Research,	2021
35	Riaz Ali, Bin Sheng , Ping Li , Yan Chen , Huating Li , Po Yang, Younhyun Jung , Jinman Kim , and C. L. Philip Chen	Optic Disk and Cup Segmentation Through Fuzzy Broad Learning System for Glaucoma Screening	IEEE Transactions on Industrial Informatics	2020
36	Ali, M. K., Rajput, A., Shahzad, M., Khan, F., Akhtar, F., & Börner, A.	Multi-Sensor Depth Fusion Framework for Real-Time 3D Reconstruction	IEEEAccess	2019
37	Faheem Akhtar, Jianqiang Li, Yan Pei, Azhar Imran, Asif Rajput,Muhammad Azeem, Qing Wang.	Diagnosis and prediction of large-for-gestational-age fetus using stacked generalization method	Applied Sciences	2019
38	Faheem Akhtar, Jianqiang Li, Yan Pei, Yang Xu and Asif Rajput	Optimal Features Subset Selection for Large for Gestational Age Classification Using GridSearch Based Recursive Feature Elimination with Cross-validation Scheme	Book Chapter (Frontier Computing, Theory, Technologies and Applications (FC 2019))	2019
39	Faiza Qureshi, Ghulam Mujtaba and Asif Rajput	A Novel Offline Handwritten Text Recognition Technique to Convert Ruled-line Text into Digital Text through Deep Neural Networks	Multimedia tools and applications	2021
40	Asif Rajput, Jianqiang Li, Faheem Akhtar, Zahid Hussain Khand, Jason C. Hung, Yan Pei, Anko Boerner	A Smart Content Awareness Module for a High Throughput Predictive Lossless Image Compression	Journal of Distributed Sensor Networks	2021
41	Asif Rajput, Faheem Akhtar, Arif Hussain, Zahid Hussain khand,, Hina Magsi,	A Versatile Decentralized 3D Volumetric Fusion for On-line Reconstruction	ETASR - Engineering, Technology & Applied Science Research Data Policies	2021
42	Atif, M., Z. H. Khand, S. Khan, Faheem Akhtar, and Asif Rajput.	Storage Optimization using Adaptive Thresholding Motion Detection	Engineering, Technology & Applied Science Research,	2021

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43	Hussain, Arif, Faheem Akhtar, Zahid Hussain Khand, Asif Rajput, and Zeeshan Shaukat.	Complexity and Limitations of GNSS Signal Reception in Highly Obstructed Environments	Engineering, Technology & Applied Science Research,	2021
44	Hussain, A., Ali, G., Akhtar, F., Khand, Z. H., & Ali, A.	Design and Analysis of News Category Predictor	Engineering, Technology & Applied Science Research,	2021
45	Khurshed Ali, Cheng-Te Li, Yi-Shin Chen	Joint selection of influential users and locations under target region in location-based social networks	MDPI Sensors	2021
46	Memon, Qasir Ali and Rahimoon, Abdul Qadir and Ali, Khurshed and Shaikh, Muhammad Fawad and Shaikh, Shoaib Ahmed	Determining Optimum Tilt Angle for 1 MW Photovoltaic System at Sukkur, Pakistan	International Journal of Photoenergy	2021
47	R. A. Memon, J. P. Li, M. I. Nazeer, J. Ahmed, M. Ismail, et al.,	Cloud vs. Blockchain Based IoT: A Comparative Survey and Way Forward	Frontiers of Information Technology and Electronic Engineering	2020
48	G. A. Mallah, J. Chandio, M. I. Nazeer, M. A. Ditto, H. Shaikh, A. Ahmed,	Decision Support System for Diagnosis of Irregular Fovea	CMC	2021
49	Murk Chohan, Adil Khan, Muhammad Saleem Mahar Saif Hassan, Abdul Ghafoor, Mehmood Khan	Image Captioning using Deep Learning: A Systematic Literature Review	International Journal of Advanced Computer Science and Applicati	2020
50	saif hassan, Abdul Rehman Gilal, Abdul Alshanaqiti, Ahmad Waqas, Aeshah, Alsughayyir, Jafreezal Jaafar	Deep Neural Networks Combined with STN for Multi-Oriented Text Detection and Recognition	International Journal of Advanced Computer Science and Applications	2020
51	Murk Chohan, Adil Khan, Rozina Chohan, Saif Hassan, Saleem Mahar	Plant Disease Detection using Deep Learning	International Journal of Recent Technology and Engineering	2020
52	Muhammad Hussain Mughal; Zubair Ahmed Shaikh, Asim Imdad Wagan, Zahid Hussain Khand, Saif Hassan	ORFFM: An Ontology-Based Semantic Model of River Flow and Flood Mitigation	IEEE Access	2021
53	Ghulam Murtaza, Liyana Shuib, Ainuddin Wahid Abdul Wahab, Ghulam Mujtaba & Ghulam Raza	Ensembled deep convolution neural network-based breast cancer classification with misclassification reduction algorithms	Multimedia Tools and Applications	2020
54	Ghulam Murtaza, Ainuddin Wahid Abdul Wahaba, Ghulam Raza, Liyana Shuib	A tree-based multiclassification of breast tumor histopathology images through deep learning.	Computerized Medical Imaging and Graphics	2021
55	Mohammed Ali Al-Garadi, Mohammad Rashid Hussain, Nawsher Khan, Ghulam Murtaza, Henry Friday Nweke, Ihsan Ali, Ghulam Mujtaba, Haruna Chiroma, Hasan Ali Khattak, And Abdullah Gani	Predicting Cyberbullying on Social Media in the Big Data Era Using Machine Learning Algorithms: Review of Literature and Open Challenges	IEEE Access	2019
56	Nura Modi Shagari, Mohd Yamani Idna Idris, Rosli Bin Salleh, Ismail Ahmedy, Ghulam Murtaza, Hisham A. Shehadeh	Heterogeneous Energy and Traffic Aware Sleep-Awake Cluster-Based Routing Protocol for Wireless Sensor Network	IEEE Access	2020
57	Uzoma Rita Alo, Henry Friday Nweke, Ying Wah Teh, Ghulam Murtaza	Smartphone Motion Sensor-Based Complex Human Activity Identification Using Deep Stacked Autoencoder Algorithm for Enhanced Smart Healthcare System	Sensors	2020
58	M. Muzaffar Hameed, Rodina Ahmada, Miss Laiha Mat Kiah, Ghulam Murtaza	Machine learning-based offline signature verification systems: A systematic review	Signal Processing: Image Communication	2021
59	Nura Modi Shagari, Mohd Yamani Idna Idris, Rosli Bin Salleh, Ismail Ahmedy, Ghulam Murtaza & Aznul Qalid Bin Md Sabri	A hybridization strategy using equal and unequal clustering schemes to mitigate idle listening for lifetime maximization of wireless sensor network	Wireless Networks	2021
60	S. Khan, D. H. Lee, M. A. Khan, F. Siddiqui, R. F. Zafar, M. K. Memon, and G. Mujtaba	Image interpolation via gradient correlation based edge direction estimation	Scientific programming	2020
61	S. Khan, D. H. Lee, A. Khan, A. Waqas, A. R. Gilal, Z. H. Khand	A digital-camera-based rotation-invariant fingerprint verification method	Scientific programming	2020
62	A. Atif, Z. H. Khand, S. Khan, F. Akhtar, A. Rajput	Storage Optimization using Adaptive Thresholding Motion Detection	Engineering, Technology & Applied Science Research	2021
63	A. R. Gilal, A. Waqas, A. Alsughayyir, S. Khan, A. Abro, and M. Omar	Mind Mapping Method as an Effective Tool for Teaching Database Course	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020

Sr. No.	Authors	Title	Journal Name	Year
64	S. Abro, S. Shaikh, Z. H. Khand, Z. Ali, S. Khan, and G. Mujtaba	Automatic Hate Speech Detection using Machine Learning: A Comparative Study	International Journal of Advanced Computer Science and Applications(IJACSA)	2020
65	Khalid Hussain, Nimra Mughal, Ali Shariq Imran, Irfan Ali, Saif Hassan and Sher Muhammad Daudpota	Urdu-News-1M: Benchmarking a Large-scale Urdu News Dataset for Document Classification Using Deep Neural Networks	CMC	2021
66	M. I. Nazeer, G. A. Mallah, R.A. Memon	A hybrid Secure Network Coding Scheme	Intelligent Automation and Soft Computing	2021
67	R. A. Memon, J.P. Li, J. Ahmed et al.	Cloud-based vs. blockchain-based IoT: a comparative survey and way forward	Front Inform Technol Electron Eng	2020
68	I. L. Memon, S. Memon, J. Ahmed, R. A. Memon, A. S. Chan	FLA-IoT: Virtualization Enabled Architecture for Heterogeneous Systems in Internet of Things	International Journal of Advanced Computer Science and Applications(IJACSA)	2020
69	S. Wali, C. Li, A. Basit, A. Shakoor, R. A. Memon, S. Rahim, S. Samina	Fast and Adaptive Boosting Techniques for Variational Based Image Restoration	IEEE Access	2019
70	R. A. Memon, J. P. Li, M. I. Nazeer, A. N. Khan, J. Ahmed	DualFog-IoT: Additional Fog Layer for Solving Blockchain Integration Problem in Internet of Things	IEEE Access	2019
71	A. Ahmed, S. Kun, R. A. Memon, J. Ahmed and G. Tefera	Convolutional Sparse Coding Using Wavelets for Single Image Super-Resolution	IEEE Access	2019
72	A. N. Khan, M. Y. Fan, M. I. Nazeer, R. A. Memon, A. Malik and M. A. Husain	An Efficient Separable Reversible Data Hiding Using Paillier Cryptosystem for Preserving Privacy in Cloud Domain	Electronics	2019
73	F. Sahito, P. Zhiwen, J. Ahmed and R. A. Memon	Wavelet Integrated Deep Networks for Single Image Super- Resolution	Electronics	2019
74	R. A. Memon, J. P. Li, and J. Ahmed.	Simulation Model for Blockchain Systems Using Queuing Theory	Electronics	2019
75	Imran, Ali Shariq, Sher Muhammad Daudpota, Zenun Kastrati, and Rakhi Batra	Cross-cultural polarity and emotion detection using sentiment analysis and deep learning on COVID-19 related tweets.	IEEE Access	2020
76	Azeem, Muhammad, Jingsha He, Allah Ditta, Faheem Akhtar, and Sher Muhammad Daudpota	A novel approach to secret data concealment with high cover text capacity and security	International Journal of Electronic Security and Digital Forensics	2020
77	Sher Muhammad Daudpota, Atta Muhammad, and Junaid Baber	Video genre identification using clustering-based shot detection algorithm	Signal, Image and Video Processing	2019
78	Sindhu, Irum, Sher Muhammad Daudpota, Kamal Badar, Maheen Bakhtyar, Junaid Baber, and Mohammad Nurunnabi	Aspect-based opinion mining on student's feedback for faculty teaching performance evaluation	IEEE Access	2019
79	Siddiqui, Shafaq, M. Abdul Rehman, Sher Muhammad Daudpota, and Ahmad Waqas	Ontology Driven Feature Engineering for Opinion Mining	IEEE Access	2019
80	Ghafoor, Abdul, Ali Shariq Imran, Sher Muhammad Daudpota, Zenun Kastrati, Rakhi Batra, and Mudasar Ahmad Wani	The Impact of Translating Resource-Rich Datasets to Low-Resource Languages Through Multi-Lingual Text Processing	IEEE Access	2021
81	Shaikh, Sarang, Sher Muhammad Daudpota, and Ali Shariq Imran	Bloom's Learning Outcomes' Automatic Classification Using LSTM and Pretrained Word Embeddings	IEEE Access	2021
82	Batra, Rakhi, Ali Shariq Imran, Zenun Kastrati, Abdul Ghafoor, Sher Muhammad Daudpota, and Sarang Shaikh	Evaluating Polarity Trend Amidst the Coronavirus Crisis in Peoples' Attitudes toward the Vaccination Drive	Sustainability	2021
83	Shaikh, Sarang, Sher Muhammad Daudpota, Ali Shariq Imran, and Zenun Kastrati.	Towards Improved Classification Accuracy on Highly Imbalanced Text Dataset Using Deep Neural Language Models	Applied Sciences	2021
84	Syed Asif Raza Shah, & Noh, S. Y.	A Dynamic Programmable Network for Large-Scale Scientific Data Transfer Using AmoebaNet.	Applied Sciences	2019
85	Seo-Young Noh, Shah Syed Asif Raza, and Tae-Hyung Kim	A Cost Cap-based Dynamic Resource Allocation Approach in Heterogeneously Multi-Experimental Data Computing Environments	Test Engineering and Management Journal	2020
86	Sanam Fayaz Sehito, Samreen Detho, Shah Syed Asif Raza, Tae-Hyung Kim and Seo-Young Noh.	A Comprehensive Research on Integration of Cloud with Software-Defined Network	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020

Sr. No.	Authors	Title	Journal Name	Year
87	Kim, Cheonyong, Joobum Kim, Ki-Hyeon Kim, Sang-Kwon Lee, Kiwook Kim, Syed Asif Raza Shah, and Young-Hoon Goo	ScienceloT: Evolution of the Wireless Infrastructure of KREONET.	Sensors	2021
88	Moon-Hyun Kim, Jun-Yeong Lee, Syed Asif Raza Shah, Tae-Hyung Kim and Seo-Young Noh	Min-Max Exclusive Virtual Machine Placement in Cloud Computing for Scientific Data Environment	Journal of Cloud Computing	2021
89	Shah, Syed Asif Raza., Ahmed Waqas, Moon-Hyun Kim, Tae-Hyung Kim, Heejun Yoon & Noh, S. Y.	Benchmarking and Performance Evaluations on the Impact of Virtual Machine Configurations for Cloud-based Scientific Workloads	Applied Sciences	2021
90	Lee, Jun-Yeong, Moon-Hyun Kim, Syed Asif Raza Shah, Sang-Un Ahn, Heejun Yoon, and Seo-Young Noh	Performance Evaluations of Distributed File Systems for Scientific Big Data in FUSE Environment	Electronics	2021
91	Jahangir, Rashid, Ying Wah Teh, Henry Friday Nweke, Ghulam Mujtaba, Mohammed Ali Al-Garadi, and Ihsan Ali	Speaker Identification through artificial intelligence techniques: A comprehensive review and research challenges	Expert Systems with Applications	2021
92	Jahangir, Rashid, Ying Wah Teh, Faiqa Hanif, and Ghulam Mujtaba	Deep learning approaches for speech emotion recognition: state of the art and research challenges	Multimedia Tools and Applications	2021
93	Murtaza, Ghulam, Liyana Shuib, Ghulam Mujtaba, and Ghulam Raza	Breast cancer multi-classification through deep neural network and hierarchical classification approach	Multimedia Tools and Applications	2020
94	Ishtiaq, Uzair, Sameem Abdul Kareem, Erma Rahayu Mohd Faizal Abdullah, Ghulam Mujtaba, Rashid Jahangir, and Hafiz Yasir Ghafoor	Diabetic retinopathy detection through artificial intelligent techniques: a review and open issues	Multimedia Tools and Applications	2020
95	Murtaza, Ghulam, Liyana Shuib, Ainuddin Wahid Abdul Wahab, Ghulam Mujtaba, Henry Friday Nweke, Mohammed Ali Al-garadi, Fariha Zulfiqar, Ghulam Raza, and Nor Aniza Azmi	Deep learning-based breast cancer classification through medical imaging modalities: state of the art and research challenges	Artificial Intelligence Review	2020
96	Jahangir, Rashid, Ying Wah Teh, Nisar Ahmed Memon, Ghulam Mujtaba, Mahdi Zareei, Uzair Ishtiaq, Muhammad Zaheer Akhtar, and Ihsan Ali	Text-independent speaker identification through feature fusion and deep neural network	IEEE Access	2020
97	Mujtaba, Ghulam, Liyana Shuib, Norisma Idris, Wai Lam Hoo, Ram Gopal Raj, Kamran Khowaja, Khairunisa Shaikh	Clinical text classification research trends: Systematic literature review and open issues	Expert Systems with Applications	2019
98	Nweke, Henry Friday, Ying Wah Teh, Ghulam Mujtaba, and Mohammed Ali Al-Garadi	Data fusion and multiple classifier systems for human activity detection and health monitoring: Review and open research directions	Information Fusion	2019
99	Murtaza, Ghulam, Liyana Shuib, Ainuddin Wahid Abdul Wahab, Ghulam Mujtaba, Ghulam Raza, and Nor Aniza Azmi.	Breast cancer classification using digital biopsy histopathology images through transfer learning	Journal of Physics	2019
100	Nweke, Henry Friday, Ying Wah Teh, Ghulam Mujtaba, Uzoma Rita Alo, and Mohammed Ali Al-garadi.	Multi-sensor fusion based on multiple classifier systems for human activity identification	Human-centric Computing and Information Sciences	2019
101	S Khan, DH Lee, A Khan, A Waqas, AR Gilal, ZH Khand	A Digital Camera-Based Rotation-Invariant Fingerprint Verification Method	Scientific Programming	2020
102	S Khan, DH Lee, MA Khan, MF Siddiqui, RF Zafar, KH Memon, G Mujtaba	Image Interpolation via Gradient Correlation-Based Edge Direction Estimation	Scientific Programming	2020
103	S Khan, DH Lee, MA Khan, AR Gilal, J Iqbal, A Waqas	Efficient and improved edge detection via a hysteresis thresholding method.	Current Science	2020
104	S Khan, DH Lee, MA Khan, AR Gilal, G Mujtaba	Efficient edge-based image interpolation method using neighboring slope information	IEEE Access	2019

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

Sr. No.	Authors	Title	Journal Name	Year
1	Irfan Ali, Nimra Mughal, Zahid Hussain Khan, Javed Ahmed, Ghulam Mujtaba	Resume Classification System using Natural Language Processing and Machine Learning Techniques	Mehran University Research Journal of Engineering and Technology	2022
2	Ghulam Mujtaba Noureen Fatima, Sana Gul, Javed Ahmed, Zahid Hussain Khand	A Rule-based Machine Learning Model for Career Selection through MBTI Personality	Mehran University Research Journal of Engineering and Technology	2022
3	Bishrul Haq, Ghulam Mujtaba, Zahid Hussain Khand, Javed Ahmad, Zafar Ali	A Comparative Study of Sentiment Analysis on Mask-Wearing Practices during the COVID-19 Pandemic	Quaid-E-Awam University Research Journal of Engineering, Science & Technology, Nawabshah	2020
4	Ahmed Elaraby, Javed Ahmed	Quantum Computing Threats and Opportunities to Blockchain Security	Journal of Information & Communication Technology (IJCT)	2020
5	Ghulam Murtaza, Ainuddin Wahid Abdul Wahab, Ghulam Raza, Liyana Shuib	Breast Cancer Detection via Global and Local Features using Digital Histology Images	Sukkur IBA Journal of Computing and Mathematical Sciences	2021
6	Sindhu Abro, Sarang Shaikh, Rizwan Ali Abro, Sana Fatima Soomro, Hafiz Mehmood Malik	Aspect Based Sentimental Analysis of Hotel Reviews: A Comparative Study	Sukkur IBA Journal of Computing and Mathematical Sciences: Vol. 4 No. 1 (2020): Sukkur IBA Journal of Computing and Mathematical Sciences (SJCMS)	2020
7	Rizwan Ali Abro, Ahsanullah Abro, Sana Fatima, Sarang Shaikh, Sindhu Abro,	A Review of Virtual Touch Interaction Systems	Sukkur IBA Journal of Computing and Mathematical Sciences: Vol. 3 No. 2 (2019): Sukkur IBA Journal of Computing and Mathematical Sciences-SJCMS	2019
8	Shaikh, Bakh, and Sher Muhammad Daudpota	Exploring the Impact of Mathematics Perception on Students' Performance	<i>Sukkur IBA Journal of Computing and Mathematical Sciences</i>	2020
9	Shaikh, Sarang, and Sher Muhammad Doudpota	"Aspects based opinion mining for teacher and course evaluation	<i>Sukkur IBA Journal of Computing and Mathematical Sciences</i>	2019

Conference Papers:

Sr. No.	Authors	Title	Conference Name	Year
1	Ahsanullah Abro, Suziah Sulaiman, Saipunizam Mahamad, Foong Oi Mean, Dayang Rohaya Awang Rambli, Fasihah Mohammad Shuhaili	Assessing User Experience (UX) Interacting With Car Catalog Application Using Multi-touch Tabletop Display	IEEE Conference on Open Systems (ICOS)	2019
2	Izhar Hussain, Saeed Ahmed Khan, Abdul Qadir Rahimoon, Ahsanullah Abro, Fida Hussain, Mehran Ali	Flexible Triboelectric Nanogenerator Based on Paper, PET and Aluminum	nd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET)	2019
3	Mehran Ali, Saeed Ahmed Khan, Abdul Qadir Rahimoon, Fida Hussain, Ahsanullah Abro, Izhar Hussain	Triboelectric Nanogenerator Scavenging Sliding Motion Energy	2nd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET)	2019
4	Huo, Changshuai, Faheem Akhtar, and Pengzhi Li.	A Novel Grading Method of Cataract Based on AWM.	<i>IEEE 43rd Annual Computer Software and Applications Conference (COMPSAC),</i>	2019
5	Shaukat, Zeeshan, Juan Fang, Muhammad Azeem, Faheem Akhtar, and Saqib Ali	Cloud based face recognition for google glass	<i>In Proceedings of the 2018 International Conference on Computing and Artificial Intelligence,</i>	2019

Sr. No.	Authors	Title	Conference Name	Year
6	Suhail Ahmed, Faheem Akhtar, Tariq Mahmood, Muhammad Azeem, and Zeeshan Shaukat	3D Shape Retrieval using Bag of Word Approaches	2nd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET),	2019
7	Faheem Akhtar, Anum Shakeel, Jianqiang Li, Yan Pei, Yanping Dang	Risk Factors Selection for Predicting Thalassaemia Patients using Linear Discriminant Analysis	2020 Prognostics and Health Management Conference (PHM-Besançon)	2020
8	Faheem Akhtar, Jianqiang Li, Yan Pei, Azhar Imran, Gul Muhammad Shaikh, Chun Xu,	Exploiting Ensemble Classification Schemes to Improve Prognosis Process for Large for Gestational Age Fetus Classification	Conference: 2020 IEEE 44th Annual Computers, Software, and Applications Conference (COMPSAC) At: Madrid, Spain, Spain	2020
9	Faheem Akhtar, Anum Shakeel, Ahsan Nazeer, Ahsan Wajahat, Faheem Ullah, Sirajdin Qureshi	A Study and Application Development on Monitoring Cardio-Vascular Attack using Internet of Thing (IoT)	3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET),	2020
10	Ahsan Nazeer, Ahsan Wajahat, Faheem Akhtar, Faheem Ullah, Sirajdin Qureshi, Sher Afghan Malik, , Anum Shakeel	Evaluating Energy Efficiency of Buildings using Artificial Neural Networks and K-means Clustering Techniques	3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET),	2020
11	Suhail Ahmed, Faheem Akhtar, Ahsan Nazeer, Ahsan Wajahat, Sirajdin Qureshi, Faheem Ullah, Anum Shakeel	DISCRETIZATION OF THE CRIME RATE FROM NUMERICAL INTO CATEGORICAL	3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET),	2020
12	Ahsan Wajahat, Ahsan Nazir, Faheem Akhtar, Sirajdin Qureshi, Faheem Ullah, Fahad Razaque, , Anum Shakeel	INTERACTIVELY VISUALIZE AND ANALYZE SOCIAL NETWORK GEPHI	3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET),	2020
13	Khalid Ali , Faheem Akhtar, Anum Shakeel , Suhail Ahmed, Asif Ali, Abdul Raheem	Performance of Cryptographic Algorithms based on Time Complexity	13rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET),	2020
14	M. Zubair Azeem, Azhar Imran, Faheem Akhtar, Ahsan Wajahat, Jahanzaib Latif, Suhail Ahmed	Effects of Code Cloning in Mobile Applications	3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET),	2020
15	Mahmood, Tariq, Jianqiang Li, Yan Pei, Faheem Akhtar, Yanhe Jia, and Zahid Hussain Khand	Breast Mass Detection and Classification Using Deep Convolutional Neural Networks for Radiologist Diagnosis Assistance	IEEE 45th Annual Computers, Software, and Applications Conference (COMPSAC)	2021
16	Han Zhang, Riaz Ali, Bin Sheng, Ping Li, Jinman Kim, Jihong Wang	Preserving Temporal Consistency in Videos Through Adaptive SLIC	Computer Graphics International Conference (CGI) 2020: Advances in Computer Graphics	2020
17	Bin Sheng, Ping Li, Riaz Ali, C. L. Philip Chen	Improving Video Temporal Consistency via Broad Learning System	IEEE Transactions on Cybernetics	2021
18	Haoxuan Li, Bin Sheng, Ping Li, Riaz Ali, C. L. Philip Chen	Globally and Locally Semantic Colorization via Exemplar-Based Broad-GAN	IEEE Transactions on Image Processing	2021
19	Tzu-Yuan Chung, Khurshed Ali, Chih-Yu Wang	Deep reinforcement learning-based approach to tackle competitive influence maximization	ACM SigKDD Workshop: Mining and Learning with Graphs (MLG)	2019
20	Khurshed Ali, Chih-Yu Wang, Mi-Yen Yeh, Yi-Shin Chen	Addressing Competitive Influence Maximization on Unknown Social Network with Deep Reinforcement Learning	2020 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM)	2020
21	Khurshed Ali, Chih-Yu Wang, Mi-Yen Yeh, Cheng-Te Li, Yi-Shin Chen	NEDRL-CIM:Network Embedding Meets Deep Reinforcement Learning to Tackle Competitive Influence Maximization on Evolving Social Networks	8th IEEE International Conference on Data Science and Advanced Analytics	2020
22	Irfan Qasim, Sher Muhammad Daudpota, Imran Khan	Impact Assessment of Teacher Evaluation by Students on Students' Assessment Scores	INQAHEE Conference 2019, Sri Lanka	2019
23	Edalati, Maryam, Ali Shariq Imran, Zenun Kastrati, and Sher Muhammad Daudpota	The potential of machine learning algorithms for sentiment classification of students	In Proceedings of SAI Intelligent Systems Conference	2021
24	J Park, H Jun, H Kim, Syed Asif Raza Shah	VibAuth: Enabling Accurate, Usable, and Deployable User Authentication by Leveraging Vibration	International Conference on Information and Communication Technology Convergence (ICTC)	2020
25	Dr. Syed Asif Raza	An Overview of HPC Environment in Pakistan	Asia Pacific Advanced Network (APAN) 2020	2020

Sr. No.	Authors	Title	Conference Name	Year
26	Dr. Syed Asif Raza	Updates and Future Plans of HPC in Pakistan.	Asia Pacific Advanced Network (APAN) 2021	2021
27	Dr. Syed Asif Raza	Pakistan Updates & AI Research Status	Asia Pacific Advanced Network (APAN) 2021	2021
28	Khan M.A., Labrosse F	Visual Topological Mapping Using an Appearance-Based Location Selection Method	TAROS 2020	2020

Workshops 2019-21 Conducted by CS Faculty

Sr. No.	Title/Topic of Workshop/Seminar/Session	Guest Speaker(s)	Date
1	Continuous Professional Development (CPD) Trainings to be organized by the Directorate of IBACCs and Schools	Dr. Ghulam Mujtaba Shaikh , Muhammad Hussain Mughal, Mr. Bilal	
2	Interactive Systems Workshop	Khalid Hussain	31 Jan - 1 Feb, 2020
3	Women Lead Tech	Muhammad Hussain Mughal, Sana Fatima, Faryal Shamsi	Feb-20

Attended by CS Faculty

Sr. No.	Title/Topic of Workshop/Seminar/Session	Faculty Member(s)	Location	Date
1	Muhammad Irshad Nazeer	Ethical Hacking and Cyber Security	CRAIB	April -July 2019
2	Saif Hassan	Workshop on Mastering Python (Beginner to Advanced Level)	Saif Hassan	June, 2019
3	Saif Hassan	Workshop on the Role of Python in AI and Big Data Analysis	Sukkur IBA University (Kandhkot Campus)	Feb, 2020
4	Saif Hassan	Workshop on Python (Beginner to Advanced Level)	Shah Latif University, Khairpur	Feb, 2020
5	Saif Hassan	Workshop on Python (Beginner to Advanced Level)	Sindh University (Larkana Campus)	Feb, 2020





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- 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 started PhD-Mathematics program. Currently, we have one enrolled PhD student in our doctoral program.

Workshops/Events

Following Workshops were arranged for local and national audience.

Latex Workshop: A full one-day workshop (20 Jan 2020) was organized by department of mathematics to introduce Latex for research students from across the university. Latex is a free program for making scientific and technical documents, and is the standard for professionals in many STEM fields. Its purpose is to make it easy to write elegant technical documents.

Workshop on Scientific Computing On GPU: A Hands On Approach (8 - 11 July 2019):

The department of mathematics organized a workshop on scientific computing on GPU and gave a hands on training to the participants. The facilitators of the workshop were Dr. Hyder Ali Muttaqi Shah and Dr Imran Ashraf.

Pakistan National Mathematics Olympiad (November 12-13, 2019):

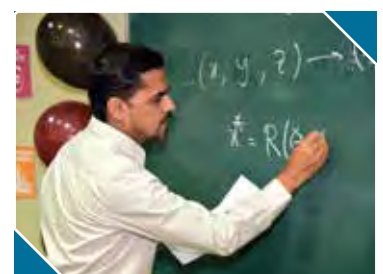
The department of mathematics organized its annual flagship event Pakistan National Mathematics Olympiad on November 12-13, 2019 with Intra-University competition being held on November 11, 2019. A large number of participants from a range of universities and colleges participated in the event. The aim of this contest was to encourage students to develop the interest in the most successful applied subject of mathematics in human history and pivotal to modern science.

Research School and conferences

ICOMET 2020 (January 29-30, 2020): Department of Mathematics in collaboration with department of computer science and Electrical engineering department organized an international conference on computing, mathematics and engineering technologies. This attracted a big number of local and international participants.

Research Publications in Impact Factor

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



S.No	Sukkur IBA Contributor	Designation	Department	Authors	Title	Journal Name
1	Kamran Akhtar Siddiqui	Lecturer in English	Maths & Related Studies	Kamran Akhtar SIDDIQUI, Hassan SYED	PERCEPTIONS OF UNDERGRADUATES OF ENGLISH MEDIUM INSTRUCTION: EXPLORATION OF CHALLENGES AND SOLUTIONS	ezikovsvyat (SCOPUS)
2	Kamran Akhtar Siddiqui	Lecturer in English	Maths & Related Studies	Kamran Akhtar Siddiqui*, Hassan Syed** y Zafarullah Sahito***	Challenges and Strategies of University Students in Englishmedium Instruction (EMI) Classes: A case study	FORO EDUCACIONAL (ESCI)
3	Kamran Akhtar Siddiqui	Lecturer in English	Maths & Related Studies	Kamran Akhtar Siddiqui	CHALLENGES FOR FIRST-YEAR UNDERGRADUATES WITHA NON-EMI BACKGROUND IN AN EMI CLASSROOM: A CASE STUDY	The Education and Science Journal. (ESCI, X category)
4	Kamran Akhtar Siddiqui	Lecturer in English	Maths & Related Studies	Kamran Akhtar Siddiqui , Zulfqar Ali Chachar , Zuhaib Zafar , MasoodAhmed Dool and Akash Kumar	Perceptions of Teachers About Teacher Leadership: A Systematic Literature Review	MIER Journal of Educational Studies Trends & Practices (ESCI)
5	Dr. Rida-e Zenab	Assistant Professor Mathematics	Mathematics	Rida-e Zenab, Victoria Gould, Thomas Quinn-Gregson and Dandan Yang,	'Semigroups with finitely generated universal left congruence'	Monatshefte für Mathematik, Vol. 190, (2019), 689-724
6	Dr. Rida-e Zenab	Assistant Professor Mathematics	Mathematics	Rida-e Zenab, Victoria Gould, Miklos Hartman, Nik Ruskuc and Dandan Yang	Coherence and constructions for Monoids	Quarterly Journal of Mathematics, Oxford, Vol. 71, (2020), 1461-1488
7	Dr. Rida-e Zenab	Assistant Professor Mathematics	Mathematics	Rida-e Zenab	Decompositions of semigroups	Turkish Journal of Mathematics, Vol. 45, (2021), 2511 - 2533
8	Raja Fawad zafar	lecturer	mathematics	P Kumar, SF Shah, MA Uqaili, L Kumar, RF Zafar	Forecasting of Drought: A Case Study of Water-Stressed Region of Pakistan	Atmosphere 12 (10), 1248, 2021
9	Raja Fawad zafar	lecturer	Mathematics	RF Zafar, MBC Khoo, S Saha, ZL Chong	pm is not the special case of EWMA	Quality and Reliability Engineering International
10	Raja Fawad zafar	lecturer	Mathematics	Y Khalid, N Dasu, RF Zafar, H Suga, K Dasu, B Blair	In-Hospital Outcomes of Patients With Pulmonary Hypertension and Cirrhosis: A 6-Year Population Cohort Study of Over One Million Patients	Cardiology and Therapy 9 (2), 479-492
11	Raja Fawad zafar	Lecturer	Mathematics	S Khan, DH Lee, MA Khan, MF Siddiqui, RF Zafar, KH Memon, G Mujtaba	Image Interpolation via Gradient Correlation-Based Edge Direction Estimation	Scientific Programming 2020
12	Raja Fawad zafar	Lecturer	Mathematics	Riaz, M Zafar RF	On handling inertia problem of memory charts using break approach	Quality and Reliability Engineering International
13	Raja Fawad zafar	Lecurer	Mathematics	N Zahid, AH Sodhro, RF Zafar, B Zahid, SA Khan, F Akhter	Regression-based transmission power control for green healthcare	2019 2nd international conference on computing, mathematics and engineering
14	Raja Fawad zafar	Lecturer	Mathematics	N Khalid, RF Zafar, QR Syed, R Bhowmik	The Heterogeneous Effects of COVID-19 Outbreak on Stock MarketReturns and Volatility: Evidence from Panel Quantile Regression Model	Etikonomi 20 (2), 225-238
15	Raja Fawad zafar	Lecturer	Mathematics	QR Syed, E Bouri, RF Zafar, OB Adekoya	Does geopolitical risk mitigate inbound tourism? Evidence from panel quantile regression	Journal of Public Affairs, e2784
16	Muhammad Asif Memon	Lecturer	Mathematics	Abid Ali Memon, Muhammad Asif Memon, Kaleemullah Bhatti, Gul Muhamamd Shaikh	Finite Element Simulation of Newtonian and Non-Newtonian Fluid through the Parallel Plates Affixed with Single Screen... https://doi.org/10.29020/nybg.ejpam.v13i1.3586	European Journal of Pure and Applied Mathematics
17	Dr. Muhammad Sabeel Khan	Assistant Professor Mathematics	Mathematics	Muhammad Sabeel Khan, Hajra Kaneez	Numerical computation of heat transfer enhancement through Cosserrat hybrid nanofluids using continuous Galerkin-Petrov method	Eur. Phys. J. Plus (2020) 135:218

S.No	Sukkur IBA Contributor	Designation	Department	Authors	Title	Journal Name
18	Dr Irshaad Ahmed	Assistant Professor	Mathematics & Related Studies	Irshaad Ahmed, Alberto Fiorenza, Maria R. Formica, Amiran Gogatishvili & Jean M. Rakotoson	Some New Results Related to Lorentz Gamma Spaces and Interpolation	Journal of Mathematical Analysis and Applications
19	Dr Irshaad Ahmed	Assistant Professor	Mathematics & Related Studies	Irshaad Ahmed, Alberto Fiorenza, Maria R. Formica & Aneesa Hafeez	Some Interpolation Formulae for Grand and Small Lorentz Spaces	Mediterranean Journal of Mathematics
20	Dr Sidrah Ahmed	Assistant Professor	Mathematics & Related Studies	Sidrah Ahmed, Saqib Zia	The Higher-Order CESE Method for Two-dimensional Shallow Water Magnetohydrodynamics Equations	European Journal of Pure and Applied Mathematics, 12, 4, (1st October 2019). Indexed in Web of Science
21	Dr. Sidrah Ahmed	Assistant Professor	Mathematics & Related Studies	Saqib Zia, Omar Rabbani, Sidrah Ahmed, Asad Rehman	Numerical approximation of blood flow in arteries using kinetic flux-vector splitting (KFVS) scheme	The European Physical Journal Plus 135 (3), 1-17, (27 Feb 2020). Impact Factor 3.22
22	Umair Khan	Lecturer	Mathematics	A. Zaib, Umair Khan, Z. Shah, P. Kumam, P. Thounthong	Optimization of entropy generation in flow of micropolar mixed convective magnetite (Fe ₃ O ₄) ferroparticle over a vertical plate	Alexandria Engineering Journal
23	Umair Khan	Lecturer	Mathematics	A. Zaib, Umair Khan, I. Khan, A.S. Sheikh, El-Sayed M. Sherif	Numerical investigation of aligned magnetic flow comprising nanoliquid over a radial stretchable surface with Cattaneo-Christov heat flux with entropy generation	Symmetry
24	Umair Khan	Lecturer	Mathematics	Jamshaid ul Rahman, Umair Khan, Shafiq Ahmad, Muhammad Ramzan, Muhammad Suleman, Dianchen Lu, Saba Inam	Numerical Simulation of Darcy-Forchheimer 3D Unsteady Nanofluid Flow Comprising Carbon Nanotubes with Cattaneo-Christov Heat Flux and Velocity and Thermal Slip Conditions	Processes
25	Umair Khan	Lecturer	Mathematics	Aurang Zaib, Umair Khan, Abderrahim Wakif, Zaydan Mostafa	Numerical Entropic analysis of mixed MHD convective flows from a non-isothermal vertical flat plate for radiative tangent hyperbolic blood biofluids conveying magnetite ferroparticles: Dual similarity solutions	Arabian Journal for Science and Engineering
26	Umair Khan	Lecturer	Mathematics	Umair Khan, Aurang Zaib, Ilyas Khan, Dumitru Baleanu, Kottakkaran Sooppy Nisar	Enhanced heat transfer performance of moderately ionized liquid due to hybrid MoS ₂ /SiO ₂ nanofluids exposed by nonlinear radiation: Stability analysis	Crystal
27	Umair Khan	Lecturer	Mathematics	Umair Khan, A. Zaib, Ilyas Khan, D. Baleanu, El-Sayed M. Sherif	Comparative investigation on MHD nonlinear radiative flow through a moving thin needle comprising two hybridized AA7075 and AA7072 alloys nanomaterials through binary chemical reaction with activation energy	Journal of Materials Research and Technology
28	Umair Khan	Lecturer	Mathematics	Umair Khan, A. Zaib, Z. Shah, Dumitru Baleanu, El-Sayed M. Sherif	Impact of magnetic field on boundary-layer flow of Sisko liquid comprising nanomaterials migration through radially shrinking/stretching surface with zero mass flux	Journal of Materials Research and Technology
29	Umair Khan	Lecturer	Mathematics	A. Zaib, Umair Khan, Ilyas Khan, El-Sayed M. Sherif, Kottakkaran Sooppy Nisar, A.S. Sheikh	Impact of nonlinear thermal radiation on the time-dependent flow of non-Newtonian nanoliquid over a permeable shrinking surface	Symmetry
30	Umair Khan	Lecturer	Mathematics	Umair Khan, Aurang Zaib, Ilyas Khan, Kottakkaran Sooppy Nisar, Dumitru Baleanu	Insights into the stability of mixed convective Darcy-Forchheimer flows of cross liquids from a vertical plate with consideration of the significant impact of velocity and thermal slip conditions	Mathematics
31	Umair Khan	Lecturer	Mathematics	A. Zaib, R.U. Haq, M. Sheikholeslami, Umair Khan	Numerical analysis of effectivePrandtl model on mixed convection flow of γ Al ₂ O ₃ -H ₂ O nanoliquids with micropolar liquid driven through wedge	Physica Scripta

S.No	Sukkur IBA Contributor	Designation	Department	Authors	Title	Journal Name
32	Umair Khan	Lecturer	Mathematics	A. Zaib, Umair Khan, I. Khan, A.S. Sheikh, El-Sayed M. Sherif	Entropy generation and dual Solutions in mixed convection stagnation point flow of micropolar Ti6Al4V nanoparticle along a Riga surface	Processes
33	Umair Khan	Lecturer	Mathematics	Umair Khan, A. Zaib, Ilyas Khan, Kottakkaran Sooppy Nisar	Activation energy on MHD flow of titanium alloy (Ti6Al4V) nanoparticle along with a cross flow and streamwise direction with binary chemical reaction and non-linear radiation: Dual Solutions	Journal of Materials Research and Technology
34	Umair Khan	Lecturer	Mathematics	Liaquat Ali Lund, Zurni Omar, Umair Khan, Ilyas Khan, Dumitru Baleanu, Kottakkaran Sooppy Nisar	Stability Analysis and Dual Solutions of Micropolar Nanofluid over the Inclined Stretching/Shrinking Surface with Convective Boundary Condition	Symmetry
35	Umair Khan	Lecturer	Mathematics	Umair Khan, Shafiq Ahmad, Arsalan Hayyat, Ilyas Khan, Kottakkaran Sooppy Nisar, Dumitru Baleanu,	On the Cattaneo-Christov Heat Flux Model and OHAM Analysis for Three Different Types of Nanofluids	Applied Sciences
36	Umair Khan	Lecturer	Mathematics	Zahir Shah, Ebraheem Alzahrani, Muhammad Jawad, Umair Khan	Microstructure and Inertial Characteristics of MHD Suspended SWCNTs and MWCNTs Based Maxwell Nanofluid Flow with Bio-Convection and Entropy Generation Past A Permeable Vertical Cone	Coatings
37	Umair Khan	Lecturer	mathematics	Nisar, Kottakkaran Sooppy, Umair Khan, Aurang Zaib, Ilyas Khan, and Ahmed Morsy	A novel study of radiative flow involving micropolar nanoliquid from a shrinking/stretching curved surface including blood gold nanoparticles	European Physical Journal Plus
38	Umair Khan	Lecturer	Mathematics	Rabeh Slimani, Abderrahmane Aissa, Fateh Mebarek-Oudina, Umair Khan, M. Sahnoun, Ali J. Chamkha, and M. A. Medebber	Natural convection analysis flow of Al ₂ O ₃ -Cu/water hybrid nanofluid in a porous conical enclosure subjected to the magnetic field	The European Physical Journal Applied Physics
39	Umair Khan	Lecturer	Mathematics	Yuming Chu, Umair Khan, A. Zaib, and S.H.A.M. Shah	Numerical and Computer Simulations of Cross-Flow in the Streamwise Direction through a Moving Surface Comprising the Significant Impacts of Viscous Dissipation and Magnetic Fields: Stability Analysis and Dual Solutions,	Mathematical Problems in Engineering
40	Umair Khan	Lecturer	Mathematics	Umair Khan, Anum Shafiq, A. Zaib, El-Sayed M. Sherif and Dumitru Baleanu	MHD Radiative Blood Flow Embracing Gold Particles via a Slippery Sheet through an Erratic Heat Sink/Source	Mathematics
41	Umair Khan	Lecturer	Mathematics	Umair Khan, Anum Shafiq, Aurang Zaib Abderrahim Wakif and Dumitru Baleanu	Numerical exploration of MHD falkner-skam- sutterby nanofluid flow by utilizing an advanced non-homogeneous two-phase nanofluid model and non-fourier heat-flux theory	Alexandria Engineering Journal
42	Umair Khan	Lecturer	Mathematics	Nisar, Kottakkaran Sooppy, Umair Khan, Aurang Zaib, Ilyas Khan, and Dumitru Baleanu	Numerical Simulation of Mixed Convection Squeezing Flow of a Hybrid Nanofluid Containing Magnetized Ferroparticles in 50%:50% of Ethylene Glycol-Water Mixture Base Fluids Between Two Disks With the Presence of a Non-linear Thermal Radiation Heat Flux	Frontiers in Chemistry
43	Umair Khan	Lecturer	Mathematics	Umair Khan, A. Zaib, M. Sheikholeslami, Abderrahim Wakif and Dumitru Baleanu	Mixed Convective Radiative Flow through a Slender Revolution Bodies Containing Molybdenum-Disulfide Graphene Oxide along with Generalized Hybrid Nanoparticles in Porous Media	Crystal
44	Umair Khan	Lecturer	Mathematics	Hassan Tahir, Umair Khan, Anwarud Din, Yu-Ming Chu and Noor Muhammad	Heat Transfer in a Ferromagnetic Chemically Reactive Species	Journal of thermophysics and Heat Transfer
45	Umair Khan	Lecturer	Mathematics	Umair Khan, Sardar Bilal, Aurang Zaib, O. D. Makinde, and Abderrahim Wakif	Numerical simulation of a nonlinear coupled differential system describing a convective flow of Casson gold-blood nanofluid through a stretched rotating rigid disk in the presence of Lorentz forces and nonlinear thermal radiation	Numerical Methods For Partial Differential Equations

S.No	Sukkur IBA Contributor	Designation	Department	Authors	Title	Journal Name
46	Umair Khan	Lecturer	mathematics	Umair Khan, A. Zaib and Fateh Mebarek-Oudina	Mixed Convective Magneto Flow of SiO ₂ -MoS ₂ /C ₂ H ₆ O ₂ Hybrid Nanoliquids Through a Vertical Stretching/Shrinking Wedge: Stability Analysis	Arabian Journal for Science and Engineering
47	Umair Khan	Lecturer	mathematics	Yuming Chu, Umair Khan, Anum Shafiq and A. Zaib,	Numerical Simulations of Time-Dependent Micro-Rotation Blood Flow Induced by a Curved Moving Surface Through Conduction of Gold Particles with Non-uniform Heat Sink/Source	Arabian Journal for Science and Engineering
48	Umair Khan	Lecturer	matheamtics	Salman A. Cheema, Tanveer Kifayat, Abdu R. Rahman, Umair Khan, A. Zaib, Ilyas Khan and Kottakkaran Sooppy Nisar	Is Social Distancing, and Quarantine Effective in Restricting COVID-19 Outbreak? Statistical Evidences from Wuhan, China	Computers, Materials and Continua (CMC)
49	Umair Khan	Lecturer	mathematics	Umair Khan, Aurang Zaib, Ilyas Khan and Kottakkaran S. Nisar	Dual solutions of nanomaterial flow comprising titanium alloy (Ti6Al4V) suspended in Williamson fluid through a thin moving needle with nonlinear thermal radiation: stability scrutinization	Scientific Reports
50	Umair Khan	Lecturer	mathematics	Nisar, Kottakkaran Sooppy, Umair Khan, Aurang Zaib, Ilyas Khan, and Dumitru Baleanu	Exploration of Aluminum and Titanium Alloys in the Stream-Wise and Secondary Flow Directions Comprising the Significant Impacts of Magnetohydrodynamic and Hybrid Nanofluid,	Crystal
51	Umair Khan	Lecturer	Matheamtics	M. Zaydan, A. Wakif, I. L. Animasaun, Umair Khan, Dumitru Baleanu, and R. Sehaqui,	Significances of Blowing and Suction Processes on the Occurrence of Thermo-Magneto-Convection Phenomenon in a Narrow Nanofluidic Medium: A Revised Buongiorno's Nanofluid Model	Case Studies in Thermal Engineering
52	Umair Khan	Lecturer	Mathematics	Umair Khan, Anum Shafiq, A. Zaib, Dumitru Baleanu	Hybrid nanofluid on mixed convective radiative flow from an irregular variably thick moving surface with convex and concave effects,	Case Studies in Thermal Engineering
53	Umair Khan	Lecturer	mathematics	Umair Khan, A. Zaib, Dumitru Baleanu, M. Sheikholeslami, and Abderrahim Wakif	Exploration of dual solutions for an enhanced cross liquid flow past a moving wedge under the significant impacts of activation energy and chemical reaction,	Heliyon
54	Umair Khan	Lecturer	Mathematics	Yuming Chu, Kottakkaran Sooppy Nisar, Umair Khan, Hamed Daei Kasmaei, Manuel Malaver de la Fuente, Aurang Zaib and Ilyas Khan	Mixed Convection in MHD Water-Based Molybdenum Disulfide-Graphene Oxide Hybrid Nanofluid Through an Upright Cylinder with Shape Factor	Water
55	Javed Hussain	Associate professor	Mathematics	Zdzislaw Brezenaik, Javed Hussain	Global solution of nonlinear stochastic heat equation with solutions in a Hilbert manifold	Stochastics and Dynamics
56	Javed Hussain	Associate professor	Mathematics	Javed Hussain	On Existence and invariance of sphere, of solutions of constrained evolution equation	International Journal of Mathematics and Computer Science
57	Javed Hussain	Associate professor	Mathematics	Javed Hussain, Shoaib Khan	ON THE PRICING OF CALL-PUT PARITIES OF ASIAN OPTIONS BY REDUCED DIFFERENTIAL TRANSFORM ALGORITHM	International Journal of Analysis and Applications
58	Javed Hussain	Associate professor	Mathematics	Javed hussain, Bareerah khan	ON COX-ROSS-RUBINSTEIN PRICING FORMULA FOR PRICING COMPOUND OPTION	International Journal of Analysis and Applications
59	Javed Hussain	Associate professor	mathematics	javed hussain	VALUATION OF EUROPEAN STYLE COMPOUND OPTION WRITTEN ON EUROPEAN STYLE CURRENCY AND POWER OPTIONS	International Journal of Analysis and Applications
60	Anjbeen Soomro	Lecturer in English	Mathematics and Related Studies	Ume Rabab, Anjbeen Soomro, Surhan Fatima, Muzafar Ali.	EXPLORING THE REASONS FOR SOCIOECONOMIC DISPARITY IN ROY'S NOVELS: THE GOD OF SMALL THINGS (1997) AND THE MINISTRY OF UTMOST HAPPINESS (2017)	Elementary Education Online

S.No	Sukkur IBA Contributor	Designation	Department	Authors	Title	Journal Name
61	Anjbeen Soomro	Lecturer in English	Mathematics and Related Studies	Anjbeen, Ghulam , Noorulain	PAKISTANI UNDERGRADUATES' PERCEPTIONS AFTER LEARNING ENGLISH LITERATURE: EXPLORING CHANGES IN CULTURAL IDENTITY OF THE UNDERGRADS IN TERMS OF A CULTURALLY DISTANT NOVEL	Elementary Education Online
62	Dr. Fouzia Abdul Sattar	Assistant Professor	Mathematics	Nadia Kiran, Sadia Perveen, Fouzia A. Sattar & Shamsul Qamar	Numerical solution of nonlinear and nonisothermal general rate model of reactive liquid chromatography	Journal of Liquid Chromatography & Related Technologies, 43, 139-155, 2019.
63	Dr. Muhammad Fazeel Anwar	Associate professor	Mathematics	Muhammad Fazeel Anwar	On the Cohomology of Certain Rank 2 Vector Bundles on G/B	Algebras and Representation Theory
64	Dr. Muhammad Fazeel Anwar	Associate professor	Mathematics	Muhammad Fazeel Anwar	Some Results on the Cohomology of Line Bundles on the Three Dimensional Flag Variety	Mathematics
65	Dr. Muhammad Fazeel Anwar	Associate professor	Mathematics	Muhammad Fazeel Anwar, Bibi, M., & Akram, M. S	On a nonsingular equation of length 9 over torsion free groups	European Journal of Pure and Applied Mathematics
66	Dr. Muhammad Fazeel Anwar	Associate professor	Mathematics	Muhammad Fazeel Anwar and Mutti ur Rehman	Computing Lower Bounds of μ -Values for a Class of Rotary Electrical Machines	International Journal of Analysis and Applications
67	Dr. Muhammad Fazeel Anwar	Associate professor	Mathematics	Muhammad Fazeel Anwar, Mutti ur Rehman and M. Tayyab	Computing μ -Values for Real and Mixed μ Problems.	Mathematics
68	Peeral Khan	Lecturer	Math & Rel Studies	peeral Khan, Naheed Arain, Jabeen Bhutto	An analytical study of traditions of Trial and Tribulation in the light of six canonical books	The Scholar, social studies (vol-5 2019)
69	Peeral Khan	Lecturer	Math & Rel Studies	peeral Khan, Sohaib Ahmed, Mehmood Ahmed	Rights and Responsibilities of Rulers in the light of Ahdith	AL Khadim ,Islamic culture and civilization (vol-2, 2021
70	Dr. Zarqa Bano	Associate Professor	Math & Rel Studies	Saba, Fitnat, Saima Noor, Naveed Ahmed, Umar Khan, Syed T. Mohyud-Din, Zarqa Bano, El-Sayed M. Sherif, and Ilyas Khan.	Heat Transfer Enhancement by Coupling of Carbon Nanotubes and SiO ₂ Nanofluids: A Numerical Approach.	Processes 2019, 7, 937. https://doi.org/10.3390/pr7120937
71	Abid	Lecturer	Maths	Abdul Hamid Ganie, Muhammad Asif Memon , A M Al-Bugami, Kaleemullah Bhatti, Ilyas Khan	Numerical analysis of laminar flow and heat transfer through a rectangular channel containing perforated plate at different angles	http://dx.doi.org/10.1016/j.egy.2021.11.232
72	Abid	Lecturer	Maths	Muhammad Asif Memon , Kaleemullah Bhatti, Ilyas Khan, Aisha M Alqahtani, Kamsing Nonlaopon, Mulugeta Andualem Abate	Finite Element Analysis of Air Flow and Temperature Distribution on Surface of a Circular Obstacle with Resistance and Orientation of Screen	http://dx.doi.org/10.1155/2021/1675574
73	Abid	Lecturer	Maths	Muhammad Asif Memon , Kaleemullah Bhatti, Ilyas Khan, Hammad Alotaibi, Y. S. Hamed, Gul M Shaikh,	Computational Analysis of Fluid Flow through a Sine-Curved Channel with High Reynolds Number	http://dx.doi.org/10.1155/2021/5582039
74	Abid	Lecturer	Maths	Muhammad Asif Memon , Kaleemullah Bhatti, Ilyas Khan, Kamsing Nonlaopon	Simulation of Non-Isothermal Turbulent Flows Through Circular Rings of Steel	http://dx.doi.org/10.32604/cmc.2022.019407
75	Abid	Lecturer	Maths		Analysis of Optimum Velocity and Pressure of the Air Flow through the Screens with the Help of Resistance Coefficient	https://orcid.org/0000-0002-3114-8062
76	Abid	Lecturer	Maths	T. Alkanhal, Afrasyab Khan, Muhammad Asif Memon , Kaleemullah Bhatti, Ilyas Khan,	Analysis of Power Law Fluids and the Heat Distribution on a Facing Surface of a Circular Cylinder Embedded in Rectangular Channel Fixed With Screen: A Finite Element's Analysis	http://dx.doi.org/10.1109/ACCESS.2021.3076042
77	Abid	Lecturer	Maths	Hammad Alotaibi, Gul M Shaikh, Abd Allah A. Mousa, Muhammad Asif Memon , Kaleemullah Bhatti, Ilyas Khan,	Finite Element Analysis of Fluid Flow through the Screen Embedded between Parallel Plates with High Reynolds Numbers	http://dx.doi.org/10.1155/2021/6695733
78	Abid	Lecturer	Maths	Muhammad Asif Memon , Kaleemullah Bhatti, Ilyas Khan, Gul M Shaikh, Dumitru Baleanu, Ziyad A. Alhussain,	Finite Element Least Square Technique for Newtonian Fluid Flow through a Semicircular Cylinder of Recirculating Region via COMSOL Multiphysics	http://dx.doi.org/10.1155/2020/8869308

S.No	Sukkur IBA Contributor	Designation	Department	Authors	Title	Journal Name
79	Abid	Lecturer	Maths	Muhammad Asif Memon , Kaleemullah Bhatti, Ilyas Khan, Gul M Shaikh, Dumitru Baleanu, Ziyad A. Alhussain,	Finite Element Simulation of Newtonian and Non-Newtonian Fluid through the Parallel Plates Affixed with Single Screen	http://dx.doi.org/10.29020/nybg.ejpam.v13i1.3586
80	Abid	Lecturer	Maths	Hisam Shaikh, Baqir Ali Shah, Muhammad Afzal Soomro, Abdul Ghafoor, A. H. Sheikh	Modeling and Simulation of Newtonian Fluid Flow through Two- Dimensional Backward-Facing Step Channel with Finite Elements Technique	http://dx.doi.org/10.17485/ijst/2019/v12i32/146075
81	yaseen ali shah	lecturer	Math & related studies	dildar ali chuhan & yaseen shah	The Future of Muslims under Indian Secularism in the Paradigms of Bhartia Janta Party and Rashtriya Swayamsevak Sangh	https://jrs.uoch.edu.pk/index.php/journal3/article/view/385





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 intends 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 programs are offered, which are duly accredited by National Accreditation 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
4. MPhil Education degree 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 comprises 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 the same as in the last four semesters of B.Ed (Hons) degree program.

Description of MPhil Education Program

The MPhil Education program has a strong emphasis in research. It is grounded in both theoretical and applied research. The program is grounded in the ideological, philosophical, historical, psychological, social foundations and pragmatics of the field of education, and particularly focuses on curriculum development and evaluation, policy analysis and development, teacher leadership, approaches to designing teaching, learning and assessments systems. The program also introduces the participants to the contemporary trends and issues in curriculum, teaching, learning, assessments, teacher preparation, leadership and management and research.

The current program includes specializations in five strategic areas; 1) Teacher education; 2) leadership and management; 3) Science Education; 4) Mathematics Education and 5) English language Education.

Mission of the MPhil Education Program

The overall mission of the program is to develop educational leaders, policy planners, practitioners, implementers and reformers with a sound theoretical, contextual, contemporary, analytical and pragmatic knowledge and vision of education, with a global outlook, innovative yet contextually relevant skill and ethical values along with a capacity of leading and managing, designing and changing systems, undertaking and disseminating theoretical and applied research. The program also prepares the participants for undertaking doctoral studies in the field of education.

Achievements of DoE students

- Ms. Anjili Chavani, student of eighth semester of B.Ed. (Hons), elected as a principal candidate for the 2019 Study of the U.S Institute for Pakistani Student Leaders (SUSI - 2019) on Local, State, and Federal Public Policy making at the University of Massachusetts, Amherst
- Two students of B.Ed. (Hons) program successfully awarded with one of prestigious scholarship for their entire degree program "Pakistan Scotland Scholarship" by British Council.

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 Minister, 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



Record of Research Journals

S#	Authors	Title	Journal	Vol(issue)	Impact Factor	Indexed	Year
1	Sahito, Z , & Vaisanen, P. (2020).	"A literature review on teachers' job satisfaction in developing countries: Recommendations and solutions for the enhancement of the job"	Review of Education: An International Journal of Major Studies in Education,	8(1)		SCOPUS	2020
2	Sahito, Z, & Vaisanen, P. (2019).	Sports: A Case from Favourite to Affordable Conditions.	Journal of Language Teaching and Research,	10(4)	Impact Factor	SCOPUS	2019
3	Sahito, Z, & Vaisanen, P. (2019).	Teachers' Job Satisfaction in Developing Countries: A Literature Review.	European Journal of Curriculum Studies,	5(1), 769-793.		SCOPUS	2019
4	Joel R Mallin, Chris Brown, Georgela Ion, Isabell van Ackeren, Nina Bremm, Ruth Luzmore, Jane Flood, Gul Muhammad Rind	World-wide barriers and enablers to achieving evidence-informed practice in education: what can be learnt from Spain, England, the United States, and Germany?	Humanities and Social Sciences Communications	7(1)	2.9	SCOPUS	2020
5	Pashmina Nisar Pathan, Dhani Bux Shah, Nabeel Nisar, Zarina Mustafa	Obtaining 3+ GPA: Students' learning perspectives	Universal Journal of Educational Research	8(7)			2020
6	Rind, I. A. and Mari, M. A.	Analyzing the impact of external examination on teaching and learning of English at the secondary level education	, Cogent Education	, 6 (1),		ESCI & Scopus	2019
7	Rind, I. and Malik, A.	The examination trends at the secondary and higher secondary level in Pakistan.	Social Sciences & Humanities Open	1(1)			2019
8	Ning, B, Rind, I. A, and Asad, M.	Influence of teacher educators on the development of prospective teachers' personal epistemology and tolerance. Sage Open.	Sage Open.	10 (1),	1.54	SSCI	2020
9	Rind, I. A and Ning, B.	Evaluating scientific thinking among Shanghai's students of high and low performing schools, The Journal of Educational Research	The Journal of Educational Research	113 (5).	1.95	SSCI	2020
10	Rind, I. A.	Rind, I. A. (2021). Becoming an ESL Researcher: A Personal Monologue.	Journal of Language and Education	7(1)		ESCI & Scopus	2020
11	Ekaterina Strelakova-Hughes and Shairoz Ismail	Toward Creativity Justice: Interrogating the Promise of 'Universal' Creativity in Early Childhood Teacher Preparation	PERSPECTIVES AND PROVOCATIONS	8 (3)			2019
12	Rabia Baby, Mohammad Zobir Hussein	Ecofriendly Approach for Treatment of Heavy Metal Contaminated Water Using Activated Carbon of palm Kernel Shell	Materials	13 (11)	3.63	ISI & Web of Science	2020
13	Nowab, A.	Monitoring and accountability in professional development of teachers in rural Pakistan	Journal of International and Comparative Education	9(2)		Web of Science	2020
14	Nowab, A. & Asad, M.M	Leadership practices of school principal through a distributed leadership lens	International Journal of Public Leadership	16(4)		Web of Science	2020
15	Sharar, T. & Nawwab, A.	Teachers' perceived teacher leadership practice	Social Sciences & Humanities Open	2(10)			2020
16	Nawwab, A.	Perceptions of the key stakeholders on professional development of teachers in rural Pakistan	SAGE Open	10(4)	1.35	Scopus & WoS	2020

17	Muhammad Mujtaba Asad, R. Bufti, H. Siddiqi, RA Soomro	Integration of Industrial Revolution 4.0 and IOTs in academia: a state-of-the-art review on the concept of Education 4.0 in Pakistan	Interactive Technology and Smart Education	13		ESCI & Scopus	2020
18	Muhammad Mujtaba Asad, Razali Bin Hassan, F.Sherwani	Development of Work-based Vestibule Training E-module For Accident Prevention at Malaysian Oil and Gas Drilling Industries: A Proposed Framework	International Journal of Sustainable Construction Engineering Technology	12		ESCI & Scopus	2019
19	Muhammad Mujtaba Asad, F. Sherwani, Zahid Hussain Khand	Risk Factors for Construction Workforce Safety towards Sustainability	International Journal of Sustainable Construction Engineering Technology	18		ESCI & Scopus	2019
20	Muhammad Mujtaba Asad, Razali Bin Hassan, Fahad Sherwani	Design and development of a novel knowledge-based decision support system for industrial safety management at drilling process: HAZFO Expert 1.0	Journal of Engineering, Design and Technology	13		ESCI & Scopus	2019
21	Yaser Gamil, Majid A. Abdullah, Ismail Abd Rahman, Muhammad Mujtaba Asad	Internet of things in construction industry revolution 4.0: Recent trends and challenges in the Malaysian context	Journal of Engineering, Design and Technology	14		ESCI & Scopus	2019
22	Muhammad Mujtaba Asad, Razali Bin Hassan, Fahad Sherwani, Irfan Ahmed Rind, Yaser Majji	Development of a novel safety and health educational management information system (HAZ-PRO) for oil and gas production operation: A proposed framework	Journal of Engineering, Design and Technology	14		ESCI & Scopus	2019
23	F.Sherwani, K.K.Ibrahim, Muhammad Mujtaba Asad	Hybridized classification algorithms for data classification applications: A review	Egyptian Informatics Journal	18	3.4	SSCI & Scopus	2020
24	Abdulsatar Abdujabbar Sultan, Mohammad Salim Abdulrahman, Ummi Naeemah Sara, Muhammad Mujtaba Asad	Factors Influencing the Adoption of Mobile Banking Service among Cihan Bank Customers in the Kurdistan Region of Iraq	International Journal of Advanced Science and Technology	17		ESCI & Scopus	2020
25	Razali Hassan, Muhammad Mujtaba Asad, F. Sherwani	Identification of Potential Risks and Controlling Factors Associated with Helicopter Operation: A Mix-Method Investigation from Oil and Gas Industries	International Journal of Integrated Engineering (IJIE)	12		ESCI & Scopus	2020
26	Muhammad Mujtaba Asad, Amjad Ali Rind, Zahid Hussain Khand, Irfan Ahmed Rind, Shahid Hussain Mughal	Curriculum upgradation practices among higher education institutions of Pakistan: does curriculum ideologies make difference?	Journal of Applied Research in Higher Education	17		ESCI & Scopus	2020
27	Muhammad Mujtaba Asad, Nacila Hussain, Maria Wadho, Zahid Hussain Khand, Prathamesh P. Churi	Integration of e-learning technologies for interactive teaching and learning process: an empirical study on higher education institutes of Pakistan	Journal of Applied Research in Higher Education	18		ESCI & Scopus	2020
28	Rabia Baby, Mohammad Zahir Hussein	Palm Kernel Shell as an Effective Adsorbent for the Treatment of Heavy Metal Contaminated Water	Scientific Reports (Springer Nature)	9	4.13	ISI & Web of Science	2019
29	I. Ali, M. Ali, H. Shareef, S. Naeem, A. Khadim, M. Ali, F. Amber, H. Hussain, M. Ismail, S. T. A. Shah, Ali Noor, and Daljije Wang	Phytochemical Analysis and Biological Activities of Cherchomoro (Nepeta adenophyta Hedge).	The Journal of Ethnopharmacology	279, 114402	I F 4.36	Elsevier	2020
30	Prof. Dr. Muhammad Yousuf Sharjeel, Mahmood Ahmed Dool, Syed Tanweer Ahmed Shah	Analysis of Pedagogic Concerns about Covid-19 in Educational Institutions in Pakistan	PAKISTAN SOCIAL SCIENCES REVIEW (PSSR)		Y		2020
31	Syed, H., Bhutto, F., & Syed, T.	Investigating Sociocognitive Functions of Mother Tongue in a Postgraduate EFL Classroom in Pakistan	Global Social Sciences Review (GSSR)		Y		2020

Record of Conference attended in 2019/2020

S#	Author	Title	Conference	Organised by	Month	Year
1	Muhammad Mujtaba Asad, Fahad Sherwani, Zafarullah Sahito, Zaheer Abbas	Development of A VR -Based Educational Technology 4.0 for Pakistani Oil and Gas Industries: A Conceptual Framework for Safe Drilling Process	International Conference of South Asian Forum 2019	SAMF 2019, SIBA	SEP	2019
2	Muhammad Mujtaba Asad, Zaheer Abbas, Fahad Sherwani	The Effect of Performance Based Grant on Research and Development at Pakistani Public Universities: A Conceptual Framework	International Conference of South Asian Forum 2019	SAMF 2019, SIBA	SEP	2019
3	Muhammad Mujtaba Asad	Factors Influencing the Adoption of Social Media Marketing for E-Commerce of SMEs: The Confirmatory Factor Analysis Approach	International Conference of Industrial Engineering, Technology Management and Knowledge Science 201	UTHM, Malaysia	SEP	2019
4	Muhammad Mujtaba Asad	Impact of Facebook And WhatsApp As Social Marketing Agent on E- Marketing for The Performance of SMEs: A Structural Equation Modelling	International Conference of Industrial Engineering, Technology Management and Knowledge Science 201	UTHM, Malaysia	SEP	2019
5	Gul Muhammad Rind	Grassroots Mobilization in "post-truth" Environment Establishing social justice at the Core of Teacher Education.	Research in a "Post-Truth" Era: Multimodal Narratives to Democratize Evidence."	American Education Research Association	2019	2019
6	Gul Muhammad Rind		Multimodal Narratives to Democratize Evidence."			
7	Rabia Baby, Mohammad Zobir Hussien	Application of Palm Kernel Shell as a Biosorbent for the Treatment of Heavy Metal contaminated Water	International Academic Conference in Applied science and Engineering (IACASE 2020) at Beyview Hotel Langkawi, Malaysia		February	2020
8	Rifat Abbas Khan	Adapting a Suitable Behavior: A Correlation Study of Narcissism and Emotional Intelligence	ICORE 7th international conference on education, University of the Punjab	Institute of Education and Research, University of Punjab, Lahore	November 19-21	2019

Record of the trainings conducted in 2019- 20

S#	Trainer	Title of training	Sponsored by	Location	Month and Year
1	Shairoz Ismail	Diploma in Early Childhood Education (Batch 01)		Sukkur IBA University_Executive Development Center	February 2019 to September 2019
2	Rabia Baby Shaikh	Professional Development Training for subject teachers (Chemistry)	Sukkur IBA University	Sukkur IBA University	June 2019
3	Ali Nawab	Leadership and Management Training for school leaders and sections heads of IBACC&Ss	Sukkur IBA University	Sukkur IBA University	June 2019
4	Rifat Abbas Khan	Teaching of Social Studies for IBACC&Ss, Professional Development Program	Directorate of Community Colleges Sukkur IBA University	Sukkur IBA University	July 17-22, 2019
5	Muhammad Mujtaba Asad	Mastering in Quantitative Data Analysis using SPSS	SZABIST Karachi	SZABIST, Karachi	December 2019
6	Muhammad Mujtaba Asad	ICT and Computer Literacy for d ECE Educators	Sukkur IBA University	Sukkur IBA University	Mar 2020- Dec 2020
7	Syed Tasadaque A. Shah	Speaker (Interactive Session on Chemistry) and Panelist at 1st Student National Congress on Educational Sciences (SNCES)	Sukkur IBA University	Sukkur IBA University	Dec 2019
8	Syed Tasadaque A. Shah	Trainer Capacity Building Workshop on Inquiry Based Science Education (IBSE) in Pakistan under the Framework of BRISECC at SIBAU	Sukkur IBA University	Sukkur IBA University	Jan 2020

Record of the Funded Projects in 2019 and 2020

S#	Researcher	Title of project	Sponsored by	Budget	Month and Year
1	Irfan Ahmed Rind	Understanding the epistemological beliefs and metacognition of science teachers and educators and the ways it influences their use of inquiry-based teaching approach	Thematic Research Grant by Higher Education Commission Pakistan	2.7 million	2019

Record of the Extra Curriculum Activities organised in 2019 and 2020

	Faculty	Title of activity	Sponsored by (if any)	Budget (if any)	Month and Year
1	Irfan Ahmed Rind, Sohail Memon, Shairoz	The 1st international conference on emerging trends and innovations in education (ICETIE-2018)	HEC	2.2 million	Nov 2018
2	Irfan Ahmed Rind	Seminar on Epistemic Belief and Inquiry-based teaching	HEC	0.5 million	April 2019
3	Muhammad Mujtaba Asad	Factors influencing the Adoption of Social Media Marketing for E-Commerce of SMEs: The Confirmatory Factor Analysis Approach	MOHE Malaysia	0.6 Million	Aug 2019
4	Muhammad Mujtaba Asad	Impact of Facebook And WhatsApp As Social Marketing Agent on E- Marketing for The Performance of SMEs: A Structural Equation Modelling	MOHE Malaysia	0.6 Million	Aug 2019



Department of Computer Systems Engineering

Department of Computer Systems Engineering (DoCSE), Sukkur IBA University, is an initiative with the vision of incorporating modern engineering techniques and skills i.e. computing and ICT within unique spirit of Sukkur IBA—a university oriented towards quality education and credible degree. The department is acquiring state of the art laboratory facilities, highly qualified faculty and above all creating an environment conducive for academic excellence. The focus of attention is not only to impart engineering knowledge and analytical skills but also to enable students to apply them to solve real-world problems.

Vision

To become a state of the art department in the field of computer systems engineering.

Mission

To produce quality computer engineers having excellent problem solving, communication and management skills underpinned by a sound knowledge of engineering fundamentals and ability to put theory into practice for serving local and global community and resolving new engineering challenges faced in industry, start-ups or academia through a curriculum based on modern pedagogies and applied research.

Undergraduate Program

B.E in Computer Systems

Accreditation of Program

B.E Computer Systems Engineering program of Sukkur IBA University has been given green signal in Fall 2020. Currently, program is running and preapering for acquiring its accreditation under Level-II (OBE based Accreditation) by Pakistan Engineering Council.

Program Educational Objectives (PEOs) of Computer Systems Engineering

The BE-CSE program of SIBA University has the following program educational objectives.

PEO-1

Graduates will have sound knowledge of engineering fundamentals and effective communication skills and ability to investigate or analyse problems for designing and developing better environment friendly solutions.

PEO-2

Graduates will develop sustainable engineering solutions by imparting new technological advancements in accordance with societal and ethical responsibilities.

PEO-3

Graduates will initiate businesses or service industry in leading or collaborative roles for offering innovative applications.

PEO-4

Graduates will excel their academic skills through lifelong learning or graduate studies in world class universities around the globe.

Sukkur IBA Engineering Society

The society is established to promote the practical engineering activities and further engineering academic practices. Engineering Society exhibits semester projects in every semester. The Exhibition consists of Hardware projects made by students of Computer Systems and Electrical Engineering department.

IEEE Student Branch

IEEE Student Branch of Sukkur IBA University has remained committed to its goals of providing an international platform to the students. This journey has been full of rewards and achievements. In this regard, the branch has been participating at national and international level. The untiring efforts of IEEE Student Branch Sukkur IBA were rewarded with the title of the most Happening and Active Student Branch amongst the IEEE student Branches all over Pakistan.

Labs Solidification

The Computer Systems Engineering labs are going through a transformative process recently which includes establishment of IoT, Cybersecurity, Robotics lab to align with the modern trends of engineering education. Along with high-grade hardware facilities, powerful computing and up-to-date software resources stand as backbone of the engineering teaching and research. The spacious and fully-equipped hardware and computing labs provide dedicated facilities to our students for acquiring hands-on designing and development experience.

Research Publication

- Chen, Ganlin & Zhang, Lei & Li, Luying & Cheng, Feng & Fu, Xiao & Li, Jinhua & Pan, Ruikun & Cao, Wanqiang & **Chan, Abdul** & Panin, Gennady & Wan, Jiaxian & Zhang, Heng & Liu, Chang. (2020). GaSe layered nanorods formed by liquid phase exfoliation for resistive switching memory applications. *Journal of Alloys and Compounds*. 153697. 10.1016/j.jallcom.2020.153697.
- **Memon, Irfan** & Memon, Shakila & Ahmed, Junaid & Memon, Raheel & **Chan, Abdul Sattar**. (2020). FLA-IoT: Virtualization Enabled Architecture for Heterogeneous Systems in Internet of Things. *International Journal of Advanced Computer Science and Applications*.
- Waqas, Muhammad & Soomro, Afaq & Ali, Shamshad & Kumar, Suresh & **Chan, Abdul Sattar** & Hussain, Kashif & Hussain, Fida & Shaikh, Shoaib. (2020). Multifunctional Cathodic Interlayer with Polysulfide Immobilization Mechanism for High-Performance Li-S Batteries. *ChemistrySelect*.
- **Abdul Sattar Chan**, Kashif Saleem , Zuhairuddin Bhutto , Mudasar Latif Memon , Murtaza Hussain Shaikh , Saleem Ahmed , and Ahsan Raza Siyal. Feature Fusion Based Human Action Recognition in Still Images. *IJCSNS International Journal of Computer Science and Network Security*, VOL.19 No.11, November 2019.
- Noroz Khan Baloch, Zuhairuddin Bhutto, **Abdul Sattar Chan**, Mudasar Latif Memon, Kashif Saleem, Murtaza Hussain Shaikh, Saleem Ahmed. Finger-vein Image Dual Contrast Enhancement and Edge Detection. *IJCSNS International Journal of Computer Science and Network Security*, VOL.19 No.11, November 2019.
- Bhatti, Dost Muhammad & Ahmed, Saleem & **Chan, Abdul** & Saleem, Kashif. (2019). Clustering Formation in Cognitive Radio Networks Using Machine Learning. *AEU - International Journal of Electronics and Communications*. 114. 152994. 10.1016/j.aeue.2019.152994.
- Naveed Ali Khan, **Abdul Sattar Chan**, Kashif Saleem, Zuhairuddin Bhutto and Ayaz Hussain, "VoIP QoS Analysis over Asterisk and Axon Servers in LAN Environment" *International Journal of Advanced Computer Science and Applications(IJACSA)*, 10(8), 2019.
- Ahsan Raza Siyal, Zuhairuddin Bhutto, Kashif Saleem, **Abdul Sattar Chan**, Mudasar Latif Memon, Murtaza Hussain Shaikh, and Saleem Ahmed, "Ship Detection in Satellite Imagery by Multiple Classifier Network", *International Journal of Computer Science and Network Security (IJCSNS)*, VOL.19 No.8, August 2019.
- Fu, Xiao & Zhang, Lei & Cho, Hak & Kang, Taewon & Fu, D. & Lee, Dongjin & Lee, Sang & Li, Luying & Qi, Tianyu & **Chan, Abdul** & Yunusov, Ziyodbek & Panin, G.N.. (2019). Molybdenum Disulfide Nanosheet/Quantum Dot Dynamic Memristive Structure Driven by Photoinduced Phase Transition. *Small*. 15. 1903809. 10.1002/sml.201903809.



Department of Electrical Engineering

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 Communication Engineering is offered at present. The department has also started B.E Energy Systems with specialization in renewable energy. Whereas, postgraduate programs such as Master of Engineering (M.E) in the areas of Renewable Energy, Electronics & Communication are also offered. The Ph.D. program has started recently in the field of Electrical Engineering.

Vision

The vision of DoEE is to produce employable engineers in the areas of Electronics, Power and Communication engineering, par excellence having cognizance for entrepreneurship and research.

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

1) B.E in Electrical Engineering

- Electronics
- Power
- Communication

2) B.E in Computer Systems

3) B.E in Energy Systems

Postgraduate Programs

- ME in Electronics & Communication
- ME in Renewable Energy
- Ph.D. in Electrical Engineering

Accreditation of Programs

B.E Electrical Engineering program of Sukkur IBA University is the 2nd program in the province Sindh which is accredited under Level-II (OBE based Accreditation) by Pakistan Engineering Council since 2018. The department is also in process to secure international ABET (Accreditation Board for Engineering and Technology) accreditation.

Program Educational Objectives (PEOs) of Electrical Engineering

The BE-EE program of Sukkur IBA University has the following program educational objectives.

PEO-1

Graduates making their mark through professional, academic and scholarly excellence.

PEO-2

Graduates with appropriate interpersonal skills leading or contributing as an effective team member in an interdisciplinary work environment.

PEO-3

Graduates cognizant of societal needs, conduct their profession in moral and ethical manner.

Sukkur IBA Engineering Society

The society is established to promote the practical engineering activities and further engineering academic practices and to give representation to students and to develop students' morals. Engineering Society's core purpose is to organize engineering competitions, activities and to represent the engineering department in national and international competitions.

Every year, Sukkur IBA University organizes Sukkur IBA Competition (SIBACOM) to promote a culture of creativity, innovation and ingenuity. This inter-university event provides the students with a competitive environment conducive for (co)-curricular excellence, inter-university collaboration and socialization. The primary focus of SIBACOM is to provide students with a competitive environment to showcase their talent through the exhibition of innovative ideas covering a wide spectrum of projects ranging from electronic circuit design, robotics, control and embedded systems, medical applications to mobile and PC software applications including games. Apart from that Engineering society also support in organizing farwell parties, orientation events and project exhibitions.

IEEE Student Branch

IEEE Student Branch of Sukkur IBA University has remained committed to its goals of providing an international platform to the students. This journey has been full of rewards and achievements. In this regard, the branch has been participating at national and international level. The untiring efforts of IEEE

Student Branch Sukkur IBA were rewarded with the title of the most Happening and Active Student Branch amongst the IEEE student Branches all over Pakistan in 2020. In addition to this the leadership of Sukkur IBA student brach also finlizied the petition draft for farming IEEE Sukkur Subsection by full filling all the requirements.

Labs Strengthening

The Electrical Engineering department has state-of-the-art labs and research facilities for its students. We have dedicated labs for the Bachelor and ME/Ph.D. students. We have established fabrication lab FAB Lab inspired by the MIT USA which serves as the backbone for our electrical department components design and fabrication. Apart from that, we have Power Hardware in the Loop(PHIL) lab and Heat Transfer Lab dedicated to the research purpose of ME/Ph.D. students. We have dedicated Green Energy Lab and Thermodynamics labs for our bachelor students along with Capstone Lab and FYP Lab where a wide range of equipment and components are available to students for their FYPs which includes but is not limited to Vector Network Analyzer, EEG (MUSE) Headband, FPGA Kits, Robotics, IoT, Microcontroller Modules, Sensor Development Materials and so on. The teaching labs are equipped with state-of-the-art hardware and software for the students and are updated regularly to facilitate students in their study.

External Linkages

International Collaboration

- EE department has signed MOC to start a unique (2+2) and (1+1) joint degree program in collaboration with North China Electric Power University (NCEPU)

Scholarships Won by Alumni

Engr. Ronaq Ali Baladi was awarded full-bright scholarship to pursue his Ph.D. in USA. Engr. Zeeshan Lodro received Erusmas+ scholarship for master of engineering program. Also, five recently passed-out alumni of received CSC china scholarship.

Exchange Students

- Engr Aisha Saleem selected for Global U-GRAD (Pakistan) semester exchange program Fall-2017 Cultural Ambassador at US Department of States and studied one semester at University of Connecticut, USA.
- Engr Dileep Kumar selected for Global U-GRAD (Pakistan) semester exchange program Fall-2017 Cultural Ambassador at US Department of States and studied one semester at Saginaw Valley State University, USA.
- Students from various semesters availed the semester exchange program in renowned universities of Italy and China in the year 2018-19.

Industrial Linkages

The department of Electrical Engineering has stashed Industrial Linkages office which 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.

Sukkur IBA Journal of Emerging Technologies (SJET)

Department of Electrical Engineering has started Sukkur IBA Journal of Emerging Technologies (SJET) research journal which is the bi-annual research journal published by Sukkur IBA University, Pakistan. SJET is ranked in Y-category by HEC Pakistan and also publications receive their DOI database number. SJET is dedicated to serve as a key resource to provide applied engineering research associated with the Electrical, Electronics and innovations in Energy at the global scale. This Journal publishes manuscripts which are well written by highlighting development in emerging technologies. This Journal covers all branches of Engineering, Science & Emerging Technologies. First issue of the SJET has been published.

Research Awards

- EE department has highest number of Impact factor publications
- EE department has Secured 3 SRGP grants.



Research Publication

Sr. No.	IBA Author	Designation	Department	Authors	Title of Paper	Journal Name
1	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	Ali Hassan Sodhro, Zongwei Luo, Arun Kumar Sangaliah, Sung Wook Baik	Mobile edge computing based QoS optimization in medical healthcare applications	International Journal of Information Management
2	Saeed Ahmed Khan	Assistant Professor	Electrical Engineering	Shamsuddin; Khan, Saeed Ahmed; Ali, Ahmed; Rahimoon, Abdul Qadir; Jalilzai, Patwasha	Harvesting Energy of Body Motion Through Single Electrode Based Self-Powered Triboelectric Nanogenerator	Journal of Nanoelectronics and Optoelectronics
3	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Zulqarnain Arain, Cheng Liu, Yingke Ren, Yi Yang, Muhammad Mateen, Xuepeng Liu, Yong Ding, Zulfiqar Ali, Xiaolong Liu, Songyuan Dai, Tasawar Hayat, and Ahmed Alsaedi	Low-Temperature Annealed Perovskite Films: A Trade-Off between Fast and Retarded Crystallization via Solvent Engineering	ACS APPLIED MATERIALS & INTERFACES
4	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Yi Yang, Huirong Peng, Cheng Liu, Zulqarnain Arain, Yong Ding, Shuang Ma, Xiaolong Liu, Tasawar Hayat, Ahmed Alsaedi and Songyuan Dai	Eliminating Charge Accumulation via Interfacial Dipole for Efficient and Stable Perovskite Solar Cells	ACS APPLIED MATERIALS & INTERFACES
5	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Muhammad Mateen, Zulqarnain Arain, Cheng Liu, Yi Yang, Xuepeng Liu, Yong Ding, Pengju Shi, Yingke Ren, Yunzhao Wu, Songyuan Dai, Tasawar Hayat, Ahmed Alsaedi	High-Quality (FA) _x (MA) _{1-x} PbI ₃ for Efficient Perovskite Solar Cells via a Facile Cation-Intermixing Technique	ACS Sustainable Chemistry & Engineering
6	Muhammad Waqas	Lecturer	Electrical Engineering	Muhammad Waqas Shamshad Ali, Weiqiang Lv, Dongjiang Chen, Bismark Boateng, Weidong He	High Performance PE BN/PVDF HFP Bilayer Separator for Lithium Ion Batteries	Advanced Materials Interfaces
7	Abdul Qadir Rahimoon	Professor	Electrical Engineering	Anarbay Kudaykulov, Erkin Arinov, Nurlybek Ispulov, Abdul Qadir, and Kalamkas Begaliyeva	Numerical Study of a Thermally Stressed State of a Rod	Advances in Mathematical Physics
8	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Yuan Feng, Kangkang Li, Irfan Ahmed, Yameng Li, Wei Li, Guangchen Lan, Yanpeng Zhang	Generation of a Quadphoton via Seventh Order Nonlinear Susceptibility	Annalen der Physik
9	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	JieYanaMohanMenghwarAhtishamAsgharbManoj Kumar PanjwaniYongqianLiu	Real-time energy management for a smart-community microgrid with battery swapping and renewables	Applied Energy
10	Rameez Shaikh	Assistant Professor	Electrical Engineering	Muhammad Rafique, Yong Shuai, Irfan Ahmed, Rameez Shaikh, Mohsin Ali Tunio	Tailoring electronic and optical parameters of bilayer graphene through boron and nitrogen atom co-substitution: an ab-initio study	Applied Surface Science
11	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Zulfiqar Ali, Qiang Liu, Tahir Iqbal, Zulqarnain Arain, Jian Han, Yang wen Wu, Ding jia Liu, Yong ping Yang	Poisoning effects of lead species on the V ₂ O ₅ /WO ₃ /TiO ₂ type NH ₃ selective catalytic reduction catalyst	Asia-Pacific Journal of Chemical Engineering
12	Fareed Hussain Mangi	Associate Professor	Electrical Engineering	Aftab Ahmad, Fareed Hussain Mangi, Yasir Fazlan, Athar Chachar, Kashif Khan	Wind Potential Assessment Analysis of Jhampir, District Thatta Sindh, Pakistan	Mehran University Research Journal Of Engineering
13	Muhammad Waqas	Lecturer	Electrical Engineering	Muhammad Waqas, Shamshad Ali, Dongjiang Chen, Bismark Boateng, Yupei Han, Mei Zhang, Jiecai Hana, John B.Goodenough, Weidong He	A robust bi-layer separator with Lewis acid-base interaction for high-rate capacity lithium-ion batteries	Composites Part B: Engineering
14	Muhammad Waqas	Lecturer	Electrical Engineering	Shamshad Ali, Muhammad Waqas, Ning Chen, Dongjiang Chen, Yupei Han, Bismark Boateng, Jie Xiang, Jiecai Hana, Weidong He	Three-dimensional twisted fiber composite as high-loading cathode support for lithium sulfur batteries	Composites Part B: Engineering
15	Syed Sabir Hussain Bukhar	Assistant Professor	Electrical Engineering	Muhammad Ayub, Syed Sabir Hussain Bukhari, Ghulam Jawad, Byung Il Kwon	Brushless wound field synchronous machine with third-harmonic field excitation using a single inverter	Electrical Engineering
16	Syed Sabir Hussain Bukhar	Assistant Professor	Electrical Engineering	Qasim Ali, Syed Sabir Hussain Bukhari, Shahid Aliq	Variable-speed, sub-harmonically excited BL-WRSM avoiding unbalanced radial force	Electrical Engineering
17	Junaid Ahmed	Assistant Professor	Electrical Engineering	Faisal Sahito, Pan Zhiwen, Junaid Ahmed, and Raheel Ahmed Memon	Wavelet-Integrated Deep Networks for Single Image Super-Resolution	Electronics
18	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Francis A. M. Manno, Arturo G. Isla, Sinai H. C. Manno, Irfan Ahmed, Shuk Han Cheng, Fernando A. Barrios and Condon Lau	Early Stage Alterations in White Matter and Decreased Functional Interhemispheric Hippocampal Connectivity in the 3xTg Mouse Model of Alzheimer's Disease	FRONTIERS IN AGING NEUROSCIENCE
19	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	Sodhro, Ali Hassan, Zongwei Luo, Gul Hassan Sodhro, Muhammad Muzam, Joel JPC Rodrigues, and Victor Hugo C. de Albuquerque	Artificial Intelligence based QoS optimization for multimedia communication in IoT systems	Future Generation Computer Systems
20	Aziz Alfath Khuwaja	Assistant Professor	Electrical Engineering	Aziz A. Khuwaja ; Gan Zheng ; Yunfei Chen ; Wei Feng	Optimum Deployment of Multiple UAVs for Coverage Area Maximization in the Presence of Co-Channel Interference	IEEE Access
21	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	Sodhro, Ali Hassan, Sandeep Pirbhulal, and Victor Hugo C. de Albuquerque	Artificial Intelligence-Driven Mechanism for Edge Computing-Based Industrial Applications	IEEE Transactions on Industrial Informatics
22	Gulsher Ali Baloch	Assistant Professor	Electrical Engineering	Gulsher Ali, Junaid Ahmed, Bilal Tirmizi and Sharjeel Afridi	Convergence Analysis of Real-World Noisy Images in Blind Denoising	International Journal of Computer Science and Network Security
23	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	Raja Masood Larik, Mohd.Wazir Mustafa, Manoj Kumar Panjwani	A statistical jacobian application for power system optimization of voltage stability	Indonesian Journal of Electrical Engineering and Computer Science
24	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	M. K.Panjwani, S. X. Yang, F. Xiao, K. H. Mangi, R. M. Larik, F. H. Mangi, M. Menghwar, J. Ansari, K. H. Ali	Hybrid concentrated photovoltaic thermal technology for domestic water heating	Indonesian Journal of Electrical Engineering and Computer Science
25	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	Armstrong O. Njok, Ferdinand A. Kamgba, Manoj Kumar Panjwani, Fareed H Mangi	The influence of solar power and solar flux on the efficiency of polycrystalline photovoltaics installed close to a river	Indonesian Journal of Electrical Engineering and Computer Science
26	Gulsher Ali Baloch	Assistant Professor	Electrical Engineering	Gulsher Baloch, Junaid Ahmed	Enhancing proximity measure between residual and noise for image denoising	International Journal of Computational Vision and Robotics
27	Muhammad Asim	Assistant Professor	Electrical Engineering	Muhammad Asim Ali, Sharjeel Afridi and Abdul Aziz Memon	Joint Estimation and Compensation of Channel and Phase Noise in MIMO-OFDM Systems	International Journal of Computer Science and Network Security
28	Muhammad Asim	Assistant Professor	Electrical Engineering	Waheed ur Rehman, Asadullah Laghari, Muhammad Asim Ali and Sharjeel Afridi	Optical MC-CDMA System for IM/DD based Optical Wireless Communications	International Journal of Computer Science and Network Security
29	Ghulam Akbar	Lab Engineer	Electrical Engineering	Ghulam Akbar, Muhammad Usman Keerio, Muhammad Fawad Shaikh, Shoaib Ahmed Shaikh	Design and Modelling of Dynamic Voltage Restorer to mitigate Voltage Sag in an Interconnected IEEE-test system	International Journal of Engineering and Advanced Technology
30	Ghulam Akbar	Lab Engineer	Electrical Engineering	Ghulam Akbar, S.S.H. Bukhari, H. Sheikh, S. Murtaza, A. Shah	Implication of Wireless Power Transfer for low Power Appliances	International Journal of Innovative Technology and Exploring Engineering
31	Jahangir Badar Soomro	Assistant Professor	Electrical Engineering	Jahangeer Soomro, Farah Shah, Sohail A. Soomro, Faheem A. Chachar, Sadaqat Ali	Comparative Analysis of Modular Multilevel Converter with Cascaded H Bridge Inverter using Five, Seven and Nine levels	International Journal of Recent Technology and Engineering
32	Ghulam Akbar	Lab Engineer	Electrical Engineering	Ghulam Akbar, Mahnoor Mughal, S.S.H. Bukhari	MATLAB /Simulink Modelings and Experimental Design of Variable Frequency Drive for Speed Control of Three-Phase Induction Motor	International Journal of Recent Technology and Engineering
33	Abdul Qadir Rahimoon	Professor	Electrical Engineering	Abdul Qayoom, Abdul Qadir, and Qasir Ali	The Effects of Metallization of Busbars on the Performance of PV Cell	Journal of Clean Energy Technologies
34	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	Sodhro, Ali Hassan, Sandeep Pirbhulal, Zongwei Luo, and Victor Hugo C. de Albuquerque	Towards an optimal resource management for IoT based Green and sustainable smart cities	Journal of Cleaner Production
35	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Yi Yang, Huirong Peng, Cheng Liu, Zulqarnain Arain, Yong Ding, Shuang Ma, Xiaolong Liu, Tasawar Hayat, Ahmed Alsaedi and Songyuan Dai	Bi-functional additive engineering for high-performance perovskite solar cells with reduced trap density	JOURNAL OF MATERIALS CHEMISTRY A
36	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Cheng Liu, Molang Cai, Yi Yang, Zulqarnain Arain, Yong Ding, Xiaoqiang Shi, Pengju Shi, Shuang Ma, Tasawar Hayat, Ahmed Alsaedi, Jihui Wu, ^d Songyuan Dai, and Guozhang Cao	A Ca ₀ /TiO ₂ bilayer for conformal growth of perovskite films for UV stable perovskite solar cells	Journal of Materials Chemistry A

Volume	Issue	Imact Factor	ISI Indexed	JCR Listed	Indexing	Sukkur IBA Category	HEC Category	ISSN (Print)	ISSN (online)	page from	page to	Web Link	Publication Year
In press		4.51	yes	yes	ISI	A	W	0268-4012	1873-4707			https://www.sciencedirect.com/science/article/pii/S0268401218302275	2019
14	11	0.989	yes	yes	SCIE	A	W	1555-130X	1555-1318	1572	1581	https://www.ingenconnect.com/content/asp/jnc/2019/0000014/0000011/art00009	2019
11	18	8.097	YES	yes	ISI	A	W	1944-8244	1944-8252	16704	16712	https://pubsacs.org/doi/abs/10.1021/acsami.9b02297	2019
11	38	8.456	yes	yes	SCI, SCIE	A	W	1944-8244	1944-8252	34964	34972	https://pubsacs.org/doi/pdf/10.1021/acsami.9b11229	2019
7	13	6.97	YES	yes	SCIE	A	W	2168-0485	2168-0485	11036	11910	https://pubsacs.org/doi/abs/10.1021/acsuschemeng.9b02031	2019
6	1	4.279	YES	yes	ISI	A	W	2196-7350		1	10	https://onlineibrary.wiley.com/doi/full/10.1002/admi.201801330	2019
2019		0.936	YES	YES	SCIE	A	W	1687-9120	1687-9139	1	9	https://www.hindawi.com/journals/amp/2019/898610/	2019
In press		3.276	Yes	Yes	SCIE	A	W	1521-3889		1	8	https://doi.org/10.1002/ando.201900072	2019
238		7.9	YES	yes	ISI	A	W	0306-2619		180	194	https://www.sciencedirect.com/science/article/pii/S0306261918318889	2019
480		4.439	YES	yes	ISI	A	W	0169-4332		463	471	https://www.sciencedirect.com/science/article/pii/S0169433219305975	2019
14	3	1.396	YES	yes	SCIE	A	W	1932-2135	1932-2143	1	8	https://onlineibrary.wiley.com/doi/full/10.1002/ajp.2302	2019
38	3	NA	No	No	HEC	C	X	0254-7821	2413-7219	571	580	http://www.publications.muet.edu.pk/index.php/muet/article/view/1127/341	2019
177		6.864	yes	yes	SCIE	A	W	1359-8368	1879-1069			https://www.sciencedirect.com/science/article/abs/pii/S1359836819336444	2019
174		6.864	yes	yes	SCI, SCIE	A	W	1359-8368	1879-1069			https://www.sciencedirect.com/science/article/pii/S1359836819312351	2019
101	1	12.96	YES	yes	ISI	A	W	0948-7921	1432-0487	165	173	https://link.springer.com/article/10.1007/s00202-019-00763-3	2019
101	1	12.96	YES	yes	ISI	A	W	0948-7921	1432-0487	251	257	https://link.springer.com/article/10.1007/s00202-019-00772-2	2019
8	5	1.764	YES	yes	SCIE	A	W	2079-9292	2079-9292	1	16	https://www.mdpi.com/2079-9292/8/5/553	2019
11		3.58	YES	yes	ISI	A	W	1663-4365		1	10	https://www.frontiersin.org/articles/10.3389/fnagi.2019.00039/full	2019
95		5.768	Yes	Yes	SCIE	A	W	0167-739X	0167-739X	667	680	https://www.sciencedirect.com/science/article/pii/S0167739X18320314	2019
7		4.098	YES	YES	SCIE	A	W	2169-3536		85203	85212	https://ieeexplore.ieee.org/document/8744514/authors/authors	2019
15	7	7.377	Yes	Yes	SCIE	A	W	1551-3203	1941-0050	4235	4243	https://ieeexplore.ieee.org/abstract/document/8658105	2019
19	2	NA	YES	no	ESCI	B	X	1738-7906		176	180	http://search.ijcsns.org/07_book/html/201902/201902021.html	2019
13	1	NA	No	no	Scopus	B		2087-278X	2087-278X	331	338	http://www.ijecs.org/journals/index.php/IJECS/article/view/113680	2019
16	3	NA	no	no	Scopus	B		2087-278X	2087-278X	1136	1143	http://ijecs.ijecs.org/index.php/IJECS/article/view/118523	2019
17	2	NA	no	no	Scopus	B		2087-278X	2087-278X	988	996	http://ijecs.ijecs.org/index.php/IJECS/article/view/118110	2020
9	1	NA	no	no	Scopus	B		1752-9131	1752-914X	56	69	https://www.inderscienceonline.com/doi/abs/10.1504/IJCVR.2019.098007	2019
19	3	NA	yes	no	ESCI	B	X	1738-7906		36	41	http://paper.ijcsns.org/07_book/201903/20190306.pdf	2019
19	3	NA	yes	no	ESCI	B	X	1738-7906		68	73	http://paper.ijcsns.org/07_book/201903/20190311.pdf	2019
8	5	NA	no	no	Scopus	B		2249-8958		1968	1973	https://www.ijet.org/download/volume-8-issue-5/	2019
8	9	NA	no	no	Scopus	B		2278-3075		1830	1834	https://www.ijet.org/download/volume-8-issue-9/	2019
7	554	NA	No	no	Scopus	B		2277-3878	2277-3878	799	804	https://www.ijet.org/download/volume-7-issue-54/	2019
8	2	NA	NO	NO	Scopus	B		2277-3878	2277-3878	3046	3052	https://www.ijet.org/download/volume-8-issue-2/	2019
7	1	NA	No	No	Other	N/A	N/A	1793-821X				http://www.jpccet.org/vol7/501-MST2019-175.pdf	2019
220		6.395	Yes	Yes	SSCI	A	W	0959-6526	1879-1786	1167	1179	https://www.sciencedirect.com/science/article/pii/S0959652619302082	2019
11		9.931	YES	yes	ISI	A	W	2050-7488	2050-7496	1	25	https://pubsrrc.org/en/content/article/anding/2019/ta/c9ta02094e#auth#divAbstract	2019
7	18	10.733	YES	YES	SCI, SCIE	A	W	2050-7488	2050-7496	11086	11094	https://pubsrrc.org/en/content/article/anding/2019/ta/c9ta02094e#divAbstract	2019

Research Publication

Sr. No.	IBA Author	Designation	Department	Authors	Title of Paper	Journal Name
37	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Abubakkar Khan, Faizan Raza, Irfan Ahmed, Changbiao Li, Al Imran, Habib Ullah, and Yanpeng Zhang	Controlling fluorescence and noise correlation by phonon and double dressing in two types of Pr ³⁺ :YSO	Journal of the Optical Society of America B
38	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Qiang LuEmail authorZulfiqar AliHao TangTahir IqbalZulqarnain ArainMin-shu CuiDing-jia LiuWen-yan LiYong-ping Yang	Regeneration of commercial SCR catalyst deactivated by arsenic poisoning in coal-fired power plants	Korean Journal of Chemical Engineering
39	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Xinwei Zha, Irfan Ahmed, Da Zhang, Wen Feng and Yanpeng Zhang	Stochastic local operations and classical communication invariants via square matrix	Laser Physics
40	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Liu, Zongchen, Tian-Fei Zhu, Yan-Feng Wang, Irfan Ahmed, Zhangcheng Liu, Feng Wen, Xiaofan Zhang et al	Fabrication of Diamond Submicron Lenses and Cylinders by ICP Etching Technique with SiO ₂ Balls Mask	Materials
41	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	Ali Hassan Sodhro, Arun Kumar Sangaiah Sandeep Pirbhulal, Aicha Sekhari Yacine Ouzrout	Green media-aware medical IoT system	Multimedia Tools and Applications
42	Junaid Ahmed	Assistant Professor	Electrical Engineering	Farah Deeba,She Kun,Wenyong Wang,Junaid Ahmed,Balzad Qadir	Wavelet integrated residual dictionary training for single image super-resolution	Multimedia Tools and Applications
43	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	Ali Hassan SodhroAbdul Sattar MalokaniGul Hassan SodhroMuhammad MuzammalLuo Zongwei	An adaptive QoS computation for medical data processing in intelligent healthcare applications	Neural Computing and Applications
44	Sharjeel Afridi	Assistant Professor	Electrical Engineering	Sharjeel Afridi, Shah Nawaz Shah	Monolithic Dielectric Waveguide filters with Multi-width Cavities	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY
45	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Zongchen Liu, Irfan Ahmed, Feng Wen, Wei Wang, Shuwei Fan, Sijia Hui, Hong-Xing Wang	Photon bunching and N-photon interference in thermal light	Optics Communications
46	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Abubakkar Khan, Faizan Raza, Irfan Ahmed, Siqiang Zhang, Changbiao Li, Al Imran, and Yanpeng Zhang	Optical temperature sensor and switch controlled by competition between phonon and polarization dressing in Pr ³⁺ :YSO	OSA Continuum
47	Sharjeel Afridi	Assistant Professor	Electrical Engineering	S. Afridi, I. Hunter, and Y. Sandhu	CERAMIC WAVEGUIDE FILTERS WITH WIDE SPURIOUS-FREE STOPBAND RESPONSE	PROGRESS IN ELECTROMAGNETICS RESEARCH M
48	Sunny Katyara	Lecturer	Electrical Engineering	Katyara, Sunny; Staszewski, Lukasz; Chachar, Faheem Akhtar	Determining the Norton's Equivalent Model of Distribution System with Distributed Generation (DG) for Stability Analysis	RECENT ADVANCES IN ELECTRICAL & ELECTRONIC ENGINEERING
49	Zulqarnain Arain	Lab Engineer	Electrical Engineering	Zulqarnain Arain, Cheng Liu, Yi Yang, M. Muteen, Yinke Ren, Yong Ding, Xuepeng Liu, Zulfiqar Ali, Manoj Kumar and Songyuan Dai	Elucidating the dynamics of solvent engineering for perovskite solar cells	SCIENCE CHINA-MATERIALS
50	Zulqarnain Arain	Lecturer	Electrical Engineering	Pengju Shi, Yong Ding, Cheng Liu, Yi Yang, Arain Zulqarnain, Molang Cai, Yingke Ren, Hayat Tasawar, Alsaedi Ahmed, Songyuan Dai	Advanced partial nucleation for single-phase FA _{0.92} MA _{0.08} PbI ₃ -based high-efficiency perovskite solar cells	SCIENCE CHINA-MATERIALS
51	Sharjeel Afridi	Assistant Professor	Electrical Engineering	A. A. JAMALI, B. DAS, S. AFRIDI, M. R. ANJUM, K. KANWAR, A. M. SHUAIB	Ultra-Wideband Bow-tie Antenna for Ground Penetrating Radar Applications	Sindh University Research Journal (Science Series)
52	Sharjeel Afridi	Assistant Professor	Electrical Engineering	S. AFRIDI , A. A. JAMALI, M. R. ANJUM, A. SAMEJO	Spurious Suppression of Ceramic loaded filter with different Ceramic Permittivity	Sindh University Research Journal (Science Series)
53	Muhammad Waqas	Lecturer	Electrical Engineering	Muhammad Waqas, Shamshad Ali, Chao Feng, Dongjiang Chen , Jiecai Han , Weidong He	Recent Development in Separators for High-Temperature Lithium-Ion Batteries	Small
54	Jahangir Badar Soomro	Lab Engineer	Electrical Engineering	Tarique, Iqbal, Jahangir Badar Soomro, Ishfa Taqi, Syed Ali Hyder, and Faheem A. Chachar.	Efficient Topology of Voltage Source Inverter with Reduced number of Transistors	Sukkur IBA Journal of Emerging Technologies
55	Sunny Katyara	Lecturer	Electrical Engineering	Sunny Katyara, Madad Ali Shah, Bhawani Shankar Chowdhary, Faheem Akhtar, Ghulam Abbas Lashari	Monitoring, Control and Energy Management of Smart Grid System via WSN Technology Through SCADA Applications	Wireless Personal Communications
56	Ahmed Ali Shah	Assistant Professor	Electrical Engineering	S Anwar, K Bakht, A ALIC, MT GULD...	MINIMIZED VOLTAGE DROP RECTIFIER CIRCUIT USING PIEZOELECTRIC TRANSDUCER FOR ENERGY HARVESTING	Digest Journal of Nanomaterials and Biostructures
57	Abdul Qadir Rahimoon	Professor	Electrical Engineering	Abdur Rashid Sangi Abdul Qayoom Abdul Qadir Ahmed N AbdallaRehan Ali	Improving the performance of silicon solar cell by optimizing metallization	MEASUREMENT & CONTROL
58	Abdul Sattar	Assistant Professor	Electrical Engineering	D. Bhatti	Clustering formation in cognitive radio networks using machine learning	AEU - International Journal of Electronics and Communications
59	Afaque Manzoor Soomro	Lecturer	Electrical Engineering	Afaque Manzoor Soomro, Muhammad Asad Ullah Khalid, Imran Shah, Soo wan Kim, Young Su Kimland Kyung Hyun Choi	Highly stable soft strain sensor based on Gly-KCl filled sinusoidal fluidic channel for wearable and water-proof robotic applications	Smart Materials and Structures
60	Afaque Manzoor Soomro	Lecturer	Electrical Engineering	Jae Wook Lee Afaque Manzoor Soomro Muhammad Waqas Muhammad A. U. Khalid Kyung H. Choi	A highly efficient surface modified separator fabricated with atmospheric atomic layer deposition for high temperature lithium ion batteries	INTERNATIONAL JOURNAL OF ENERGY RESEARCH
61	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	R Talat, MS Obaidat, M Muzammal, AH Sodhro...	A decentralised approach to privacy preserving trajectory mining	Future Generation Computer Systems
62	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	T Zhang, AH Sodhro, Z Luo, N Zahid, MW Nawaz...	A joint deep learning and internet of medical things driven framework for elderly patients	IEEE Access
63	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	AH Sodhro, GH Sodhro, M Guizani...	AI-Enabled Reliable Channel Modeling Architecture for Fog Computing Vehicular Networks	IEEE Wireless Communications
64	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	AH Sodhro, AS Malokani, GH Sodhro...	An adaptive QoS computation for medical data processing in intelligent healthcare applications	Neural computing and applications
65	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	AH Sodhro, JJPC Rodrigues, S Pirbhulal...	Link Optimization in Software Defined IoT Driven Autonomous Transportation System	IEEE Transactions on Intelligent Transportation Systems
66	Ali Hassan Sodhro	Assistant Professor	Electrical Engineering	AH Sodhro, L Zongwei, S Pirbhulal...	Power-management strategies for medical information transmission in wireless body sensor networks	IEEE Consumer Electronics Magazine
67	Arslan Ahmed	Assistant Professor	Electrical Engineering	Munawar Shah, Andres Calabia Albar , M. Arslan Tariq, Junaid Ahmed, Arslan Ahmed	Possible ionosphere and atmosphere precursory analysis related to M-w > 6.0 earthquakes in Japan	REMOTE SENSING OF ENVIRONMENT
68	Arslan Ahmed	Assistant Professor	Electrical Engineering	Munawar Shah, Andres Calabia Albar, M Arslan Tariq, Junaid Ahmed, Arslan Ahmed	Possible ionosphere and atmosphere precursory analysis related to Mw > 6.0 earthquakes in Japan	Remote Sensing of Environment
69	Arslan Ahmed	Assistant Professor	Electrical Engineering	Munawar Shah, Samed Inyurt, Muhsan Ehsan, Arslan Ahmed, Muhammad Shakir, Saleem Ullah, Muhammad Shahid Iqbal	Seismo ionospheric anomalies in Turkey associated with Mw > 6.0 earthquakes detected by GPS stations and GIM TEC	Advances in Space Research
70	Aziz Altaf Khuwaja	Assistant Professor	Electrical Engineering	A.A. Khuwaja	Effect of User Mobility and Channel Fading on the Outage Performance of UAV Communications	IEEE Wireless Communications Letters
71	Aziz Altaf Khuwaja	Assistant Professor	Electrical Engineering	Aziz Altaf Khuwaja ; Yunfei Chen ; Gan Zheng	Effect of User Mobility and Channel Fading on the Outage Performance of UAV Communications	IEEE WIRELESS COMMUNICATIONS LETTERS
72	Faheem Akhtar Chacher	Assistant Professor	Electrical Engineering	Faheem A. Chachar ; S. S. H. Bukhari ; F. H. Mangi ; D. Ewen Macpherson ; Gareth P. Harrison ; Waqqas B	Hierarchical Control Implementation for Meshed AC/Multi-Terminal DC Grids With Offshore Windfarms Integration	IEEE ACCESS
73	Fareed Hussain Mangi	Associate Professor	Electrical Engineering	A Ahmed, FH Mangi, M Kashif...	Parametric Analysis of a Serpentine Flow Pattern Proton Exchange Membrane Fuel Cell for Optimized Performance	International Journal of Heat and Technology

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36	8	2284	Yes	Yes	SCIE	A	W	0740-3224	1520-8540	1995	2000	https://doi.org/10.1364/JOSAB.36.01995	2019
36	3	2199	YES	yes	ISI	A	W	0256-1115	1975-7220	377	384	https://link.springer.com/article/10.1007/s1164-018-0277-9	2019
29	2	1158	YES	yes	ISI	A	W	1054-660X		1	4	https://onscience.iop.org/article/10.1088/1555-6611/na1637	2019
8	6	1764	YES	yes	SSCI	A	W	2079-9292	2079-9292	1	16	file:///C:/Users/Muhammad%20Asim/Downloads/materials-12-01622.pdf	2019
78	3	2101	Yes	Yes	SCIE	A	W	1380-7501	1573-7721	3045	3064	https://link.springer.com/article/10.1007/s11042-018-5634-0	2019
78	19	2101	YES	yes	SCIE	A	W	1380-7501	1573-7721	27683	27701	https://link.springer.com/article/10.1007/s11042-019-07850-4	2019
In press		4664	Yes	Yes	SCIE	A	W	0941-0643	1433-3058	1	12	https://link.springer.com/article/10.1007/s00521-018-3931-1	2019
19	1	NA	YES	no	ESCI	B	X	1738-7906		186	189	http://search.jcsns.org/07_book/html/201901/201901022.html	2019
434	1	1887	YES	yes	ISI	A	W	0030-4018		104	109	https://www.sciencedirect.com/science/article/abs/pii/S0030401818309222	2019
2	3	NA	YES	no	ESCI	B	X	2578-7519		786	796	https://www.osapublishing.org/abstract.cfm?uri=osac-2-3-786	2019
79		NA	YES	no	ESCI	B	X	1937-8726		23	31	http://www.ijer.org/PIER/ijer.php?paper=18120705	2019
12	2	NA	yes	no	ESCI	B	X	2352-0965	2352-0973	190	198	http://www.eurekaselect.com/node/163990/article/determining-the-parameters-equivalent-model-of-distribution-system-with-distributed-generation-dg-for-stability-analysis	2019
62	2	5636	YES	yes	SCIE	A	W	2095-8226	2199-4501	161	172	https://link.springer.com/article/10.1007/s40843-018-9336-1	2019
62	12	5636	yes	yes	SCIE	A	W	2095-8226	2199-4501	1846	1856	http://engine.scihina.com/publisher/scp/journal/SCMs/62/12/101007/40843-019-1186-2349-fulltext	2019
51	2	NA	No	No	HEC	C	Y	1813-1743	1813-1743	231	236	http://sujc-iclusindh.edu.pk/index.php/SUIRI/article/view/4950/3101	2019
51	1	NA	no	no	HEC	C	Y	1813-1743	1813-1743	15	18	http://sujc-iclusindh.edu.pk/index.php/SUIRI/article/view/4858	2019
15	33	10856	YES	YES	SCI, SCIE	A	W	1613-6810	1613-6829	1	44	https://www.ncbi.nlm.nih.gov/pubmed/3116914	2019
1	2	NA	No	No	Other	N/A	N/A	2616-7069				https://doi.org/10.30557/set.v1i2.300	2019
106	4	0929	yes	yes	SCIE	A	W	0929-6212	1572-834X	1951	1968	https://link.springer.com/article/10.1007/s11277-018-5738-x	2019
15	1	0368	yes	yes	SCIE	A	X	1842-3582		261	274	http://www.chalcogen.ro/261_AnwarS.pdf	2020
53	3 4	1229	Yes	Yes	SCIE	A	W	0020-2940	2051-8730	742	747	https://journals.sagepub.com/doi/pdf/10.1177/0020294019897084	2020
114		285	yes	yes	SCIE	A	W	1434-8411	1618-0399			https://www.scopus.com/record/display.uri?eid=2-s2.0-85075324948&origin=inward&txid=5c386998219ffb6c20c58f9cb5251a4	2020
29	2	3543	YES	YES	SCIE	A	W	0964-1726	1361-665X			https://onscience.iop.org/article/10.1088/1361-665X/ab540b	2020
44	8	3343	Yes	Yes	SCIE	A	W	0363-907X	1099-114X	7035	7046	https://onlinelibrary.wiley.com/doi/full/10.1002/er.5371	2020
102		5.67	YES	yes	ISI	A	W	0167-739X		382	392	https://www.sciencedirect.com/science/article/pii/S0167739X19313901	2020
		4.09	yes	yes	SCIE	A	W	2169-3536				https://ieeexplore.ieee.org/abstract/document/9075231/	2020
27	2	11	yes	yes	SCIE	A	W	1536-1284	1558-0687	14	21	https://ieeexplore.ieee.org/abstract/document/9085258/authors#authors	2020
		4.664	yes	yes	SCIE	A	W	0941-0643	1433-3058	723	734	https://link.springer.com/article/10.1007/s00521-018-3931-1	2020
		5.744	yes	yes	SCIE	A	W	1524-9050	1558-0016	1	10	https://ieeexplore.ieee.org/document/9014535/authors#authors	2020
9	2	3273	yes	yes	SCIE	A	W	2162-2248	2162-2256	47	51	https://ieeexplore.ieee.org/abstract/document/8977819/authors#authors	2020
239	-	8218	Yes	Yes	SCIE	A	W	0034-4257	1879-0704			https://www.sciencedirect.com/science/article/abs/pii/S0034425719306406?via%3Dihub	2020
239		8218	yes	yes	SCIE	A	W	0034-4257	1879-0704	111620		https://www.sciencedirect.com/science/article/abs/pii/S0034425719306406	2020
65	11	1.7	yes	yes	SCIE	A	W	0273-1177	1879-1948	2540	2550	https://www.sciencedirect.com/science/article/pii/S0273117720301447	2020
9	3	3546	yes	yes	SCIE	A	W	2162-2337	2162-2345	367	370	https://ieeexplore.ieee.org/abstract/document/8911220/authors#authors	2020
9	3	3546	Yes	Yes	SCIE	A	W	2162-2337	2162-2345	367	370	https://ieeexplore.ieee.org/document/8911220	2020
7		4.098	Yes	Yes	SCIE	A	W		2169-3536	142233	142245	https://ieeexplore.ieee.org/abstract/document/8853228/authors#authors	2019
38	1	NA	NO	NO	ESCI	B	X	0392-8764		69	76	https://www.researchgate.net/publication/340695721_Parametric_Analysis_of_a_Serpentine_Flow_Pattern_Proton_Exchange_Membrane_Fuel_Cell_for_Optimized_Performance	2020

Sr. No.	IBA Author	Designation	Department	Authors	Title of Paper	Journal Name
74	Ghulam Abbas Lashari	Assistant Professor	Electrical Engineering	LG Abbas	Vernier Effect based Strain Sensor with Cascaded Fabry-Perot Interferometers	IEEE Sensors Journal
75	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	X Zha, I Ahmed, Y Zhang	Constructing five qubit absolutely maximally entangled state via recurrence relation	Laser Physics
76	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Faizan Raza, Irfan Ahmed, Habib Ullah, Hammad-ul Wahab, Ubaid Khan, Yanpeng Zhang	Multi-channel router and logic NAND gate from multiple Autler-Townes splitting controlled by phase transition	RSC Advances
77	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Xin-wei-Zha, Irfan Ahmed, Yanpeng Zhng	A Criterion to Identify maximally entangled nine-qubit state	LASER PHYSICS LETTERS
78	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Xin-wei-Zha, Irfan Ahmed, Da Zhang, Yanpeng Zhng	Generalized monogamy linear entropy relations for multi-qubit pure states	LASER PHYSICS
79	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Rumin Wang, Irfan Ahmed, Faizan Raza, Changbiao Li, and Yanpeng Zhang	Light slowing and all-optical time division multiplexing of hybrid four-wave mixing signal in nitrogen-vacancy center	CHINESE PHYSICS B
80	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Khan M.S / Irfan Ahmed	Glyphatic clearance of simulated silicon dispersion in mouse brain analyzed by laser induced breakdown spectroscopy	HELIVON
81	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Al Imran, Irfan Ahmed*, F. Raza, Y. Li, A. Khan, H. Ullah and Y. Zhang	Temperature switch and router of two and three-mode noise correlation in Pr ³⁺ :YSO crystal	PHYSICA SCRIPTA
82	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Faizan Raza, Irfan Ahmed*, Habib Ullah, Hammad-ul Wahab, Ubaid Khan and Yanpeng Zhang	Multi-channel router and logic NAND gate from multiple Autler-Townes splitting controlled by phase transition	RSC ADVANCES
83	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Y. Feng, K. Li, Irfan Ahmed, Y. Li, W. Li, G. Lan, Y. Zhang	Generation of a Quadphoton via Seventh-Order Nonlinear Susceptibility	ANNALEN DER PHYSIK
84	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	A. Khan, F. Raza, Irfan Ahmed, C. Li, Al Imran, H. Ullah, and Y. Zhang	Controlling fluorescence and noise correlation by phonon and double dressing in two types of Pr ³⁺ :YSO	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS
85	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	H. Fan, Al Imran, F. Raza, Irfan Ahmed, K. Amjad, P. Li and Y. Zhang	Double cascade dressed MOSFET from doped Eu ³⁺ and Pr ³⁺ in a host YPO ₄	RSC ADVANCES
86	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Z. Liu, T. Zhu, Y. Wang, Irfan Ahmed, Z. Liu, F. Wen, X. Zhang, W. Wang, S. Fan, K. Wang, and H. Wang	Fabrication of Diamond Submicron Lenses and Cylinders by ICP Etching Technique with SiO ₂ Balls Mask	MATERIALS
87	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	S. Zhang, F. Raza, Irfan Ahmed, W. Li, K. Jin and Y. Zhang	Photon interference of second- and third-order correlation generated by two fluorescence sources	JOURNAL OF PHYSICS COMMUNICATIONS
88	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Xin-wei-Zha, Irfan Ahmed, Da Zhang, Yanpeng Zhng	Constructing five qubit absolutely maximally entangled state via recurrence relation	LASER PHYSICS
89	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Da Zhang, Irfan Ahmed, Lin Hao, Yin Cai, Changbiao Li, Yiqi Zhang, Yanpeng Zhang	Temporally Correlated Narrowband Biphoton Interference Based on Mach-Zehnder Interferometer	ANNALEN DER PHYSIK
90	Irfan Ahmed Soomro	Assistant Professor	Electrical Engineering	Z. Liu, X. Li, Y. Lan, Irfan Ahmed*, Y. Liu, G. Lan, Y. Zhang	Polarized double dressing control of biphotons interference and quantum tomography	JOURNAL OF PHYSICS COMMUNICATIONS
91	Irfan Latif Memon	Assistant Professor	Electrical Engineering	Memon, IL (Memon, Irfan Latif) Memon, S (Memon, Shakila); Bhatti, JA (Bhatti, Junaid Ahmed), Chan, AS (Chan, Abdul Sattar ; Memon, RA (Memon, Raled Ahmed	FLA-IoT: Virtualization Enabled Architecture for Heterogeneous Systems in Internet of Things	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS
92	Junaid Ahmed	Assistant Professor	Electrical Engineering	L Ge, H Li, Q Huang, G Tian, G Wei, Z Hu...	Electromagnetic Flow Detection Technology Based on Correlation Theory	IEEE Access
93	Junaid Ahmed	Assistant Professor	Electrical Engineering	J Ahmed, B Gao, WL Woo	Sparse Low-Rank Tensor Decomposition for Metal Defect Detection Using Thermographic Imaging Diagnostics	IEEE Transactions on Industrial Informatics
94	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	Armstrong O. Njok, Julie C. Ogbulezie, Manoj Kumar Panjwani, Raja Masood Larik	Investigation of monthly variations in the efficiencies of photovoltaics due to sunrise and sunset times	Indonesian Journal of Electrical Engineering and Computer Science
95	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	Adeel Saleem, Atif Iqbal, Muhammad Aftab Hayat, Manoj Kumar Panjwani, Fareed Hussain Mangi, Raja Masood Larik	The effect of environmental changes on the efficiency of the PV system	Indonesian Journal of Electrical Engineering and Computer Science
96	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	M. Irfan	Assessing the energy dynamics of Pakistan: Prospects of biomass energy	Energy Reports
97	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	AO Njok, JI Iloke, MK Panjwani...	The impact of coloured filters on the performance of polycrystalline photovoltaic panel in an uncontrolled environment	International Journal of Electrical and Computer Engineering (IJECE)
98	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	JC Ogbulezie, AO Njok, MK Panjwani...	The impact of high temperature and irradiance source on the efficiency of polycrystalline photovoltaic panel in a controlled environment	International Journal of Electrical and Computer Engineering (IJECE)
99	Manoj Kumar Panjwani	Lab Engineer	Electrical Engineering	AO Njok, FA Kamgba, MK Panjwani...	The influence of solar power and solar flux on the efficiency of polycrystalline photovoltaics installed close to a river	Indonesian Journal of Electrical Engineering and Computer Science
100	Muhammad Waqas	Assistant Professor	Electrical Engineering	MuhammadWaqas YupeiHan DongJiangChen ShamsadAli ChengZhen ChaoFeng BotaoYuanalie HanaWeldongH	Molecular 'capturing' and 'seizing' MoS ₂ /TiN interlayers suppress polysulfide shuttling and self-discharge of Li-S batteries	ENERGY STORAGE MATERIALS
101	Muhammad Waqas	Assistant Professor	Electrical Engineering	M. Waqas	Molecular 'capturing' and 'seizing' MoS ₂ /TiN interlayers suppress polysulfide shuttling and self-discharge of Li-S batteries	Energy Storage Materials
102	Qasim Ali	#N/A	Electrical Engineering	Muhammad Ayub, Shahid Atiq , Qasim Ali Asif Hussain Byung-il Kwon	Dual-mode Wound Rotor Synchronous Machine for Variable Speed Applications	IEEE ACCESS
103	Saeed Ahmed Khan	Assistant Professor	Electrical Engineering	Xiaoyu Xie, Hulin Zhang, Saeed Ahmed Khan, Min Gao, Yuan Lin	A Movable Electrode Triboelectric Nanogenerator Fabricated Using a Pencil Lead for Self Powered Locating Collision	Advanced Engineering Materials
104	Saeed Ahmed Khan	Assistant Professor	Electrical Engineering	X Cui, S Cao, R Guo, SA Khan, G Xie...	Building self powered emergency electronics based on hybrid nanogenerators for field survival/rescue	Energy Science & Engineering
105	Sunny Katyara	Lecturer	Electrical Engineering	Sunny Katyara, Ashfaq Hussain Hashmani, Bhawani Shanker Chowdhry	Development and Analysis of Pulse Width Modulation Techniques for Induction Motor Control	Mehran University Research Journal of Engineering and Technology
106	Sunny Katyara	Lecturer	Electrical Engineering	S Katyara, L Staszewski, L Zbigniew	Signal parameter estimation and classification using mixed supervised and unsupervised machine learning approaches	IEEE Access
107	Sunny Katyara	Lecturer	Electrical Engineering	S Katyara, A Hashmani, BS Chowdhary...	Wireless Networks for Voltage Stability Analysis and Anti Islanding Protection of Smart Grid System	Wireless Personal Communications
108	Syed Sabir Hussain Bukhar	Assistant Professor	Electrical Engineering	Sahib Khan Syed Sabir Hussain Bukhari Jong-Suk Ro	Design and Analysis of a 4-kW Two-Stack Coreless Axial Flux Permanent Magnet Synchronous Machine for Low-Speed Applications	IEEE ACCESS
109	Syed Sabir Hussain Bukhar	Assistant Professor	Electrical Engineering	Muhammad Ayub, Ghulam Jawad Sirewal, Syed Sabir Hussain Bukhari & Byung-il Kwon	Brushless wound rotor synchronous machine with third-harmonic field excitation	ELECTRICAL ENGINEERING
110	Syed Sabir Hussain Bukhar	Assistant Professor	Electrical Engineering	Syed Sabir Hussain Bukhari ; Jong-Suk R0	A Single-Phase Line-Interactive UPS System for Transformer-Coupled Loading Conditions	IEEE ACCESS

Research Publication

Volume	Issue	Impact Factor	ISI Indexed	JCR Listed	Indexing	Sukkur IBA Category	HEC Category	ISSN (Print)	ISSN (online)	page from	page to	Web Link	Publication Year
		3.076	yes	yes	SCIE	A	W	1530-437X	1558-1748			https://ieeexplore.ieee.org/document/9069933/authors/authors	2020
30	7	1158	YES	yes	ISI	A	W	1054-660X				https://opscience.iop.org/article/10.1088/1555-6611/ab8d2f	2020
10	26	3.049	yes	yes	SCIE	A	W	2046-2069		15239	15244	https://pubs.rsc.org/en/content/articlelanding/2020/ra/d0ra01379j#divAbstract	2020
17	3	2.328	Yes	Yes	SCIE	A	W	1612-2011	1612-202X			https://opscience.iop.org/article/10.1088/1612-202X/ab6a16	2020
30	3	1231	Yes	Yes	SCIE	A	W	1054-660X	1555-6611			https://opscience.iop.org/article/10.1088/1555-6611/ab70b6	2020
29	5	123	Yes	Yes	SCIE	A	W	1674-1056	1741-4199			https://opscience.iop.org/article/10.1088/1674-1056/ab7b50	2020
6	4	NA	NO	NO	ESCI	B	X	2405-8440	2405-8440			https://www.sciencedirect.com/science/article/pii/S2405844020305478?via%3Dihub	2020
94	12	2.151	Yes	Yes	SCIE	A	W	0031-8949	1402-4896			https://opscience.iop.org/article/10.1088/1402-4896/ab399b	2019
10	26	3.049	Yes	Yes	SCIE	A	W	2046-2069	2046-2069	15239	15244	https://pubs.rsc.org/en/content/articlepdf/2020/ra/d0ra01379j	2020
531	10	3.276	Yes	Yes	SCIE	A	W	0003-3804	1521-3889			https://onlinelibrary.wiley.com/doi/full/10.1002/andp.201900072	2019
36	8	2.284	Yes	Yes	SCIE	A	W	0740-3224	1520-8540	1995	2000	https://www.osapublishing.org/josab/abstract.cfm?uri=josab-36-8-1995	2019
9	66	3.046	Yes	Yes	SCIE	A	W	2046-2069	2046-2069	38828	38833	https://pubs.rsc.org/en/content/articlepdf/2019/ra/c9ra08550e	2019
12	10	2.972	Yes	Yes	SCIE	A	W	1996-1944	1996-1944			https://www.mdpi.com/1996-1944/12/10/1622	2019
3	9	NA	Yes	NO	ESCI	B	X	2399-6528	2399-6528			https://opscience.iop.org/article/10.1088/2399-6528/ab3e7b	2019
30	7	1231	Yes	Yes	SCIE	A	W	1054-660X	1555-6611			https://opscience.iop.org/article/10.1088/1555-6611/ab8d2f	2020
531	12	3.276	Yes	Yes	SCIE	A	W	0003-3804	1521-3889			https://onlinelibrary.wiley.com/doi/full/10.1002/andp.201900300	2019
4	6	NA	Yes	Yes	ESCI	B	X	2399-6528	2399-6528			https://opscience.iop.org/article/10.1088/2399-6528/ab9e12	2020
11	4	NA	NO	NO	ESCI & Scopus	B	X	2158-107X	2156-5570	360	366	https://thesai.org/Publications/ViewPaper?Volume=11&Issue=4&Code=IACSA&SerialNo=50	2020
8		4.09	yes	yes	SCIE	A	W	2169-3536		56203	56213	https://ieeexplore.ieee.org/abstract/document/9044373/authors/authors	2020
		7.377	yes	yes	SCIE	A	W	1551-3203	1941-0050			https://ieeexplore.ieee.org/document/9091912/authors/authors	2020
18	1	NA	NO	NO	SCOPUS	B	Y		2502-4752	310	317	http://jeec.iaescore.com/index.php/IJECS/article/view/19729	2020
18	1	NA	NO	NO	SCOPUS	B	Y		2502-4752	558	564	http://jeec.iaescore.com/index.php/IJECS/article/view/19741	2020
6		3.83	yes	yes	SCIE	A	X	2352-4847		80	93	https://www.sciencedirect.com/science/article/pii/S2352484719307784	2020
10	4	NA	NO	NO	Scopus	B	N/A	2088-8708		4436	4446	http://jeec.iaescore.com/index.php/IJECE/article/view/21162	2020
10	4	NA	NO	NO	Scopus	B	N/A	2088-8708		3942	3947	http://jeec.iaescore.com/index.php/IJECE/article/view/21351	2020
17	2	NA	NO	NO	Scopus	B	Y	2502-4752		988	996	http://jeec.iaescore.com/index.php/IJECS/article/view/19810	2020
27		16.28	Yes	Yes	SCIE	A	W	2405-8297		333	341	https://www.sciencedirect.com/science/article/abs/pii/S2405829720300544?via%3Dihub	2020
27		NA	yes	yes	SCIE	A	W	2405-8297		333	341	https://www.sciencedirect.com/science/article/abs/pii/S2405829720300544	2020
8	NA	3.745	Yes	Yes	SCIE	A	W	2169-3536	2169-3536	115812	115822	https://ieeexplore.ieee.org/ielx7/6287639/6514899/09107105.pdf	2020
		NA	yes	yes	SCIE	A	W	1438-1656		2000109	2000109	http://dx.doi.org/10.1002/adem.202000109	2020
		2.893	yes	yes	SCIE	A	W	2050-0505				https://onlinelibrary.wiley.com/doi/full/10.1002/ese3.497	2020
39	1	NA	NO	NO	ESCI	B	Y	0254-7821	2413-7219			https://publications.muet.edu.pk/index.php/muetj/article/view/1436	2020
8		4.09	yes	yes	SCIE	A	W	2169-3536		92754	92764	https://ieeexplore.ieee.org/document/9084101/authors/authors	2020
		0.929	yes	yes	SCIE & Scopus	A	X	0929-6212				https://link.springer.com/article/10.1007/s11277-020-07432-w	2020
7		4.098	Yes	Yes	SCIE	A	W		2169-3536			https://ieeexplore.ieee.org/abstract/document/8918177/authors/authors	2019
102	1	1296	Yes	Yes	SCIE	A	X	0948-7921	1432-0487	259	265	https://link.springer.com/article/10.1007/s2f-00202-019-00868-9	2019
8		4.098	yes	yes	SCIE	A	W		2169-3536	23143	23153	https://ieeexplore.ieee.org/document/8976140	2020

Research Publication

Sr. No.	IBA Author	Designation	Department	Authors	Title of Paper	Journal Name
111	Syed Sabir Hussain Bukhar	Assistant Professor	Electrical Engineering	Syed Sabir Hussain Bukhari ,Ghulam Jawad Sirewal ,Faheem Akhtar Chachar andJong-Suk Ro	Dual-Inverter-Controlled Brushless Operation of Wound Rotor Synchronous Machines Based on an Open-Winding Pattern	ENERGIES
112	Syed Sabir Hussain Bukhar	Assistant Professor	Electrical Engineering	Memon, Ali Asghar Shaikh, Muhammad Mujtaba Bukhari, Syed Sabir HussainRo, Jong-Suk	Look-up Data Tables-Based Modeling of Switched Reluctance Machine and Experimental Validation of the Static Torque with Statistical Analysis	JOURNAL OF MAGNETICS
113	Veer Bhan	#N/A	Electrical Engineering	Veer Bhan Ashfaque Ahmed Hashmani Muhammad Mujtaba Shaikh	A new computing perturb-and-observe-type algorithm for MPPT in solar photovoltaic systems and evaluation of its performance against other variants by experimental validation	SCIENTIA IRANICA
114	Zulqarnain Arain	Lecturer	Electrical Engineering	Muhammad MateenZulqarnain ArainYi YangXuepeng Liu *Shuang MaCheng LuYong DingXihong DingMolang CaiSongyuan Dai*	MACI-Induced Intermediate Engineering for High-Performance Mixed-Cation Perovskite Solar Cells	ACS APPLIED MATERIALS & INTERFACES
115	Zulqarnain Arain	Lecturer	Electrical Engineering	YingkeRena Yanzhong Haoo Ning Zhang ZulqarnainArain MuhammadMateen YingjieSun PengjuShi MolangCai SongyuanDai	Exploration of polymer-assisted crystallization kinetics in CsPbBr ₃ all-inorganic solar cell	CHEMICAL ENGINEERING JOURNAL
116	Zulqarnain Arain	Lecturer	Electrical Engineering	Cheng Liu,*ab Yi Yang,*ab Xin Liu,c Yong Ding,*ab Zulqarnain Arain,ad Xinye Lja Yuanlong Lja Zian Zhou,a Songyuan Dai ORCID logo *a and Mohammad Khaja Nazeeruddin	Quasi-quantum dot-induced stabilization of a-CsPbI ₃ perovskite for high-efficiency solar cells	JOURNAL OF MATERIALS CHEMISTRY A
117	Zulqarnain Arain	Lecturer	Electrical Engineering	Cheng Liu Yi Yang Xin Xia Yong Ding Zulqarnain Arain Shjie An Xuepeng Liu Roldán Carmona Cristina Songyuan Dai Mohammad Khaja Nazeeruddin	Soft Template Controlled Growth of High Quality CsPbI ₃ Films for Efficient and Stable Solar Cells	Advanced Energy Materials
118	Zulqarnain Arain	Lecturer	Electrical Engineering	Muhammad Mateen Zulqarnain Arain Xuepeng Liu Cheng Lu Yi Yang Yong Ding Shuang Ma Yingke Ren Yunzhao W Ye Tao Pengju Shi Songyuan Dai	High-performance mixed-cation mixed-halide perovskite solar cells enabled by a facile intermediate engineering technique	Journal of Power Sources
119	Zulqarnain Arain	Lecturer	Electrical Engineering	ZulfqarAli Yang-wen Wu YueWu ZulqarnainArain Ming-xinXu QiangLub HepingMaoHuan-yuZhao	Inhibition effects of Pb species on the V ₂ O ₅ -MoO ₃ /TiO ₂ catalyst for selective catalytic reduction of NO _x with NH ₃ : A DFT supported experimental study	Applied Surface Science
120	Zulqarnain Arain	Lecturer	Electrical Engineering	Y. Ren	Exploration of polymer-assisted crystallization kinetics in CsPbBr ₃ all-inorganic solar cell	Chemical Engineering Journal
121	Zulqarnain Arain	Lecturer	Electrical Engineering	Muhammad Mateen, Zulqarnain Arain, Yi Yang, Xuepeng Liu, Shuang Ma, Cheng Lu, Yong Ding, Xihong Ding, Molang Cai Songyuan Dai	MACI-Induced Intermediate Engineering for High-Performance Mixed-Cation Perovskite Solar Cells	ACS Applied Materials & Interfaces
122	Zulqarnain Arain	Lecturer	Electrical Engineering	C Liu, Y Yang, X Liu, Y Ding, Z Arain, X Li.	Quasi-quantum dot-induced stabilization of a-CsPbI ₃ perovskite for high-efficiency solar cells	Journal of Materials Chemistry A
123	Zulqarnain Arain	Lecturer	Electrical Engineering	Cheng Liu, Yi Yang, Xin Xia, Yong Ding, Zulqarnain Arain, Shjie An, Xuepeng Liu, Roldán Carmona Cristina, Songyuan Dai, Mohammad Khaja Nazeeruddin	Soft Template Controlled Growth of High Quality CsPbI ₃ Films for Efficient and Stable Solar Cells	Advanced Energy Materials



Volume	Issue	Imact Factor	ISI Indexed	JCR Listed	Indexing	Sukkur IBA Category	HEC Category	ISSN (Print)	ISSN (online)	page from	page to	Web Link	Publication Year
13	9	2.707	Yes	YES	SCIE	A	W	1996-1073		1	-	https://www.mdpi.com/1996-1073/13/9/2215	2020
25	2	0.837	Yes	Yes	SCIE	A	X	1226-1750	2233-6656	233	244	http://www.dipin.com/journal/articleDetail?nodeId=NODF09361665&language=ko_KR	2020
26	6	0.718	Yes	Yes	SCIE	A	X	1026-3098	2345-3605	3656	3671	http://scientiaranica.sharif.edu/article/21550_0.html	2019
12	9	8.456	Yes	Yes	SCIE	A	W	1944-8244	1944-8252	10535	10543	https://pubs.aos.org/doi/10.1021/acsami.9b22719	2020
392		8.35	Yes	Yes	SCIE	A	W	1385-8947	1873-3212	123805		https://www.sciencedirect.com/science/article/abs/pii/S1385894719532206?via%3Dihub	2020
8	20	11	Yes	Yes	SCIE	A	W	2050-7488	2050-7496	10226	10232	https://pubs.rsc.org/en/content/articleanding/2020/TA/DTA028071elciv/Abstract	2020
10	9	8.355	Yes	Yes	SCIE	A	W	1385-8947	1873-3212			https://onlinelibrary.wiley.com/doi/abs/10.1002/aenm.201903751	2020
448	NA	7.467	Yes	Yes	SCIE	A	W	0378-7753	1873-2755			https://www.sciencedirect.com/science/article/abs/pii/S0378775319313795	2020
525		5.5	Yes	Yes	SCIE	A	W	0169-4332	1873-5584			https://www.sciencedirect.com/science/article/abs/pii/S0169433220313398?via%3Dihub	2020
392		8.355	yes	yes	SCIE	A	W	1385-8947	1873-3212			https://www.x-mol.com/paper/6010636	2020
12	9	8.456	yes	yes	SCIE & Scopus	A	W	1944-8244		10535	10543	https://pubs.aos.org/doi/10.1021/acsami.9b22719	2020
8	20	10.733	YES	YES	SCIE & Scopus	A	W	2050-7488		10226	10232	https://pubs.rsc.org/ls/content/articleanding/2020/ta/d0ta028071elciv/Abstract	2020
10	9	24.88	yes	yes	SCIE	A	W	1614-6832	1614-6840			https://onlinelibrary.wiley.com/doi/abs/10.1002/aenm.201903751	2020





Department of Physical Education and Sports Sciences

Department of Physical Education & Sports Sciences was established by the Sukkur IBA University in the year 2018. The department has started academic activities from January 2019 (spring semester). We are committed to preparing its graduates to assist individuals to achieve their health and fitness goals through medium of academics. The primary aim of the program is to produce broad base graduates able to face the challenges of the modern world in the field of Physical Education & Sports Sciences. The department offers BS (Hons), Associate Degree (AD) and Associate Degree (Bridge Program) will have a broad background in the theories as well as practicals.

Vision

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

Mission

The mission of the Physical Education and Sports Sciences program at Sukkur IBA University is to critically engage students with a broad spectrum of field perspectives, drawing on a range of research and applied methodologies.

Academic Programs

BS (Hons)

Bachelor of Science in Physical Education and Sports Sciences
(4 Years)

Associate Degree (AD)

Bachelor of Science in Physical Education and Sports Sciences
(2 Years)

Eligibility Criteria

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

Associate Degree (AD)

Bachelor of Science in Physical Education and Sports Sciences
(2 Years) (Bridge Program)

Eligibility Criteria

14 years of education; B.A/B.Sc, B.Com and other fields of Arts or equivalent (A-level), with 50% marks.

Faculty and Staff Team Department Physical Education & Sports Sciences

Head of Department

Dr Shahzaman Khan is a Head of Department and Assistant Professor in the Physical Education and Sports Sciences department at Sukkur IBA University, Pakistan. Dr Khan is an HEC approved supervisor. He has earned a Ph.D. in Physical Education from the University of Sindh, Jamshoro. He has been mainly researching in the field of Biomechanics, Sports Medicine, Science of Track and Field, and Sports Anatomy for finding the effective methods of athletes' performance and development teams. Based on his research publication track record, he has contributed in the areas of Sports Psychology, Sports Management and Administration, Nutrition of Sports. He has 6 International and 20 National Publications. Dr Shahzaman Khan is also a member of COSMA (The Commission of Sports Management Accreditation) fort Collins Colorado state, USA.



Deputy Director Sports

Mr Asad Hussain Shaikh is currently serving as Deputy Director Sports in Department of Physical Education and Sports Sciences Sukkur IBA University, Pakistan. He got Bachelor of Science degree in Physical Education & Sports Sciences in 2010 and Master's in public administration in 2014. He has a plenty of experience in organizing & conducting Sports events indoor & outdoor Games. He served as Director Physical Education & Sports Facilitator in Private sectors. His areas of interest are Football & Volleyball.



Administrative Officer

Mr Abdul Wahid Shaikh is currently serving as Administrative Officer in Department of Physical Education and Sports Sciences Sukkur IBA University, Pakistan. He holds Master Degrees in the field of MBA Marketing and M.A Economics, Diploma in Computer Science and Certificate of MS Office. He has handled all the Administrative, Repair & Maintenance, Operations, Logistics and Transport activities since the date of joining December 2014 at Sukkur IBA University. He has experience in field of Administration, Finance, Operations and Works & Development from year 2008 to 2022 and excel in the field of administration, operations, logistics and finance to keep on gaining experience to strive towards proficiency and excellence.



Lecturer

Mr Nisar Ahmed Khaskheli is a faculty member in Department of Physical Education and Sports Sciences Sukkur IBA University, Pakistan. He has earned M. Phil in Physical Education, Health & Sports Sciences from University of Sindh Jamshoro. He has been mainly researching in the field of Physical Education and Sports Sciences. As per record of his research publications he has contributed in the areas of Coaching in sports, Coaching type and its ultimate impact on players with regard to all coaching domains.



Lecturer

Mr Muhammad Hashim Darya is a faculty member in Department of Physical Education and Sports Sciences Sukkur IBA University, Pakistan. He passed M. Phil Physical Education & Sports Sciences from Gomal University D.I KHAN. He has been mainly researching in the field of Physical Education and Sports Sciences. As per record he has specialized in the areas of Basket Ball and Badminton.



Athletics Demonstrator

Mr Gul Habib is serving as demonstrator in Department of Physical Education and Sports Sciences Sukkur IBA University, Pakistan. He has earned Master in Physical Education, Health & Sports Sciences from University of Sindh, Jamshoro. He has been mainly performing in the field of Physical Education and Sports Sciences. As per record of his achievements he has contributed in the area of Athletics, Coaching of Athletics and performed enormous jobs as level-I Coach in international Association of Athletics Federation (IAAF) and International Olympic Committee (IOC) in 2004, Lahore Pakistan.



Gymnastic Demonstrator

Mr Zubair Ahmed is a demonstrator of Gymnastics Department of Physical Education and Sports Sciences Sukkur IBA University, Pakistan. He passed Bachelor degree from Center for Physical Education Health and Sports Science, University of Sindh, Jamshoro. He has been mainly rendering his services in the field of Physical education and Sports Sciences while performing as a demonstrator and Coach of Gymnastics across Pakistan.



Dr. Shazaman Khan (Head of Department)**Research Publication Year 2020**

Research Publications	Year
Frequency of overweight and obesity among Middle School Children A case study of District Hyderabad Pakistan, Published in THE SURJ Vol. 52 2020	2020
Glucose Insulin Algorithm for Artificial Pancreas to Control the Type 1 Diabetes Mellitus, Published in Informatica, 31(4) 2020	2020
International Best Practices in Managing Covid-19 for the Higher Education Sector attend the Applied HE Xchange Webinar on 10 August.	2020

Mr. Nisar Ahmed khaskhele (Lecturer)**Research Publication Year 2019 & 2020**

Research Publications	Year
Khaskheli, N.A. , M.A. Ansari, H.A. Sahito, M.A Memon and F.A Khaskheli. (2019). Collision of Democratic Coaching Leadership Style to improve technical skills of Badminton Players. <i>European Journal of Physical Education and Sports Science</i> , 5(11) 83-93. Romania .	2019
Khaskheli, N.A., M.H. Darya and M.A. Memon. Relationship of Democratic Coaching Style with Character Building of Student-Players. <i>Global Educational Studies Review (GESR)</i> . Vol. (III).13. Pp. 123-132. https://doi.org/10.31703/gesr .	2020
Khaskheli, N.A., H.A. Sahito and J.A. Soomro. The Democratic way of Coaching and Motivation for Student-Players'. <i>Sir Syed Journal of Education & Social Research (SJESR)</i> . Vol. 3, Issue 4, 2020 (October - December). Pp. 129-136. DOI: https://doi.org/10.36902/sjesr-vol3-iss4-2020(129-136) .	2020
Mangrio, W.M., H.A. Sahito, N.H. Chandio, T. Kousar, Z.H. Shah, N.A. Khaskheli, and F.A Jatoi. Food and feed consumption of lemon butterfly, <i>Pipiliidomoleus</i> under laboratory conditions. <i>Pure and Applied Biology</i> . <i>Pure Appl. Biol.</i> , 9(1): 340-351. http://dx.doi.org/10.19045/bspab.2020.90039	2020
Ashfaq, M. A.A. Khan and N.A. Khaskheli . Role of Co-Curricular Activities Creating Qualities of Leadership Among Secondary Schools Students In Ex Fata. <i>The Sky-International Journal of Physical Education and Sports Sciences</i> . (ISSN-2523-9368) Vol. 04. Pp. 81-93.	2020
Khaskheli, N.A., H.A. Sahito and M.H. Darya. Effect of Democratic Coaching Style on Badminton Players in the Tournaments' Competition. <i>Research Journal of Social Sciences & Economics Review (RJSSER)</i> . Vol. 1, Issue 4, 2020 (October - December). Pp. 163-170. DOI: https://doi.org/10.36902/rjsser-vol1-iss4-2020(163-170) .	2020
Khaskheli, N.A., H.A. Sahito and M.H. Darya. Effect of Democratic Coaching Style on Badminton Players in the Tournaments' Competition. <i>Research Journal of Social Sciences & Economics Review (RJSSER)</i> . Vol. 1, Issue 4, 2020 (October - December). Pp. 163-170. DOI: https://doi.org/10.36902/rjsser-vol1-iss4-2020(163-170) .	2020
Workshops	
Attended a two-day workshop on self-development for University Teachers" on 7th to 8th September 2020, Organized by Sukkur IBA University.	2020

Mr. Muhammad Hashim Darya (Lecturer)

Research Publications	Year
Khaskheli, N.A., M.H. Darya and M.A. Memon. (2020). Relationship of Democratic Coaching Style with Character Building of Student-Players. <i>Global Educational Studies Review (GESR)</i> . Vol. (III).13. Pp. 123-132. https://doi.org/10.31703/gesr .	2020
Khaskheli, N.A., H.A. Sahito and M.H. Darya. (2020). Effect of Democratic Coaching Style on Badminton Players in the Tournaments' Competition. <i>Research Journal of Social Sciences & Economics Review (RJSSER)</i> . Vol. 1, Issue 4, 2020 (October - December). Pp. 163-170. DOI: https://doi.org/10.36902/rjsser-vol1-iss4-2020(163-170) .	2020
Workshops	
Attended workshop on the ' outcome based education using blooms' taxonomy and balanced scorecard' held on 9th February, 2019 organized by Contra Group of WISSEN.	2019
Attended a two-day workshop on self-development for University Teachers" on 7th to 8th September 2020, Organized by Sukkur IBA University.	2020

Publications Year 2019 & 2020

No.	Research Publications	Year
01	The correlation of classroom administration performance of female directress sports with their qualification. The sky (international journal of physical education and sports science) 3, 1-9	2019
02	Utilization of nutritional supplements among gym-going athletes. Asian journal of allied health sciences (ajahs) 4 (02), 07-13	2019
03	Effects of non-dominant leg training on performance of dominant leg: a study of long jump athletes. Shield: research journal of physical education & sports science 14	2019
04	Effects of managerial competency on the performance of football teams in different universities of Lahore. Asian journal of allied health sciences (ajahs) 4 (3), 47-51	2019
05	The implementation of conceptual metaphor theory in the context of football and linguistics. The shield-research journal of physical education & sports science. 12	2019
06	The prevalence of sports-related knee joint injuries among students of physical education. The shield-research journal of physical education & sports science. 13	2019
07	Impact of low-intensity exercise on liver enzymes and antioxidants systems of the body. International journal of medical research & health sciences 8 (7), 148-155	2019
08	Impact of self-esteem and body image on sports participation of female athletes. The sky - international journal of physical education and sports science 4	2020
09	Influence of family upon the sports participation of universities' athletes. Shield: research journal of physical education & sports science 15	2020
10	Glucose insulin algorithm for artificial pancreas to control the type 1 diabetes mellitus. Informatica 31 (4), 101-115	2020
11	Frequency of overweight and obesity among middle school children a case study of district Hyderabad. SINDH UNIVERSITY RESEARCH JOURNAL (SCIENCE SERIES) 52 (1), 103-108	2020
12	Impact of caring environment on female sports participation: a case study of Sargodha district. Elementary education online 19 (4), 4450-4457	2020
13	Effect of mineral intake on the physical fitness and sports performance of amateur female athletes. Ilkogretim online 20 (3), 2428-2437	2020
14	Substance abuse among educated youth: challenges and problems faced by the families in Karachi, Pakistan. The spark a hec recognized journal 5 (1), 188-208	2020
15	The solution of maintenance strategy selection problem by using modified fuzzy topsis for material handling equipment. Sukkur IBA journal of computing and mathematical sciences 3 (2), 46-54	2020

No.	Workshop/Conference	Year
01	Participated as Oral Presenter in International conference at Sarhad University of Science and Information Technology, Peshawar is organizing a three-day, 2nd Euro-Pak International Conference on Sports Sciences and Physical Education from 11th-13th October 2019 as a joint venture with the University of the Punjab, Lahore, Abdul Wali Khan University, Mardan, European Network INSHS, Arab-German Network ICSSPE, Otto-von-Guericke University, Germany, Higher Education Commission (HEC) of Pakistan	2019
02	Participated in Afro-Asian Institute of medical science organized a webinar on Topic: Introduction to Data Analysis Using SPSS on 02nd September 2020	2020
03	Participated in Applied HE fireside chat webinar Topic: The civic responsibilities of universities: What roles do the social sciences and natural sciences play? On 18 November 2020.	
04	Participated in Applied HE fireside chat webinar Topic: Religiously-inspired institutions' interactions with other religions on 16 December 2020.	2020
05	Participated in Applied HE fireside chat webinar Topic: International Best Practices in Managing Covid-19 for the Higher Education Sector on 10 August 2020.	2020

Sukkur IBA University provided sports facilities at Physical Education & Sports Sciences Department in the following capacities.



SPORTS GALA 2020 Activities Year 2019 & 2020

Cricket Match between Faculty and Staff of Sukkur IBA University



Participation of Female students in Volleyball Game



Participation of Female students in Cricket Game



Participation of Male students in Volleyball Game



Participation of Male students in Football Game



Participation of Female students in Cricket Game



Participation of Male Students in Tug of War Game



Participation of Male Students in Relay Race Game



Participation of Male Students in Chase Game



CHAPTER 2

RESEARCH & DEVELOPMENT

OFFICE OF RESEARCH
INNOVATION AND
COMMERCIALIZATION (ORIC)



Chapter 2

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 IBA University established the Office of Research, Innovation, and Commercialization (ORIC) in September 2011. ORIC's mission is very much aligned with the university'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 the mandate to promote research culture in the university. It provides support to research activities across all disciplines. It specifically helps researchers at Sukkur IBA University in identifying grant opportunities, writing grant-winning proposals, maintaining a 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 University, through ORIC, is pursuing its faculty members and research students to engage in the applied research to provide the patentable solution to common social problems including education, health, energy, and agriculture.

ORIC Initiatives to Promote Research Culture

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

a. Sukkur IBA Research Policy

Sukkur IBA University 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 has increased. This research policy clearly articulates:

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

b. Sukkur IBA Intellectual Property Policy

Considering the importance of innovation in this era of technology Sukkur IBA University has formulated Intellectual Property Rights Policy (IPR Policy) for faculty and students to encourage them in designing and building new and innovative ideas, prototypes, and products. IPR Policy is designed to provide guidelines for ownership, distribution of revenues or royalties, and commercial development of technical innovations, inventions, teaching material and the computer software developed by faculty, staff, students, and others who use Sukkur IBA University 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 IPR Policy, Sukkur IBA University has recently filed patents 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 the institute, ORIC has developed a Research Grant Program for faculty to initiate the research projects. Approved proposals are rewarded with 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 to 1 million rupees is provided to a researcher(s) from Sukkur IBA University to carry out the research project. Some research projects have been awarded this seed grant 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 the strong research capacity of our researchers. Since 2015, several workshops have been organized from the platform of ORIC on different topics of research.

e. Monthly Think-Tank Meeting

ORIC provides a platform to faculty and researchers of Sukkur IBA University in form of Monthly Think Tank Meeting to discuss new research ideas and innovations. This platform provides an opportunity to deliberate upon and initiate interdisciplinary research within the institute. The faculty members are monthly gathered to discuss innovative teaching pedagogies to make the 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 University.

f. Sukkur IBA University Research School

Office of Research, Innovation and Commercialization- ORIC is continuously striving to promote research culture at Sukkur IBA University and has introduced several initiatives to achieve this objective. In order to further strengthen the research culture, ORIC has introduced new initiative named "Sukkur IBA Research School". The objectives of this initiative are:

- To provide a platform to researchers/scientists of Sukkur IBA University 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 University
- To facilitate research students and non-PhD faculty members in choosing their research topics and supervisors

Sukkur IBA University Research School opens fortnightly on Thursday from 3:30 PM to 5:30 PM for faculty and research students to present their research ideas and work.

g. Establishment of Research Journals Publication and Conferences Cell

Research journals publication and conferences cell is responsible for all the operational procedures for the organization of conferences and management of research journals. Since its establishment, eight research conferences have been organized in last four years. Moreover, under this cell, three research journals have been launched i.e. Sukkur IBA Journal of Management and Business (SIJMB), Sukkur IBA Journal of Computing and Mathematical Sciences (SJCMS), and Sukkur IBA University Journal of Emerging Technologies (SJET). Each journal has separately a Chief Editor and Editorial team comprised of Advisory and Review Board for technical input on publications whereas, the cell is responsible for operational procedures such as printing, publication, distribution, editing, formatting, maintaining the journals' websites and coordination with chief editors and reviewers. The management structure of the cell is as follows:

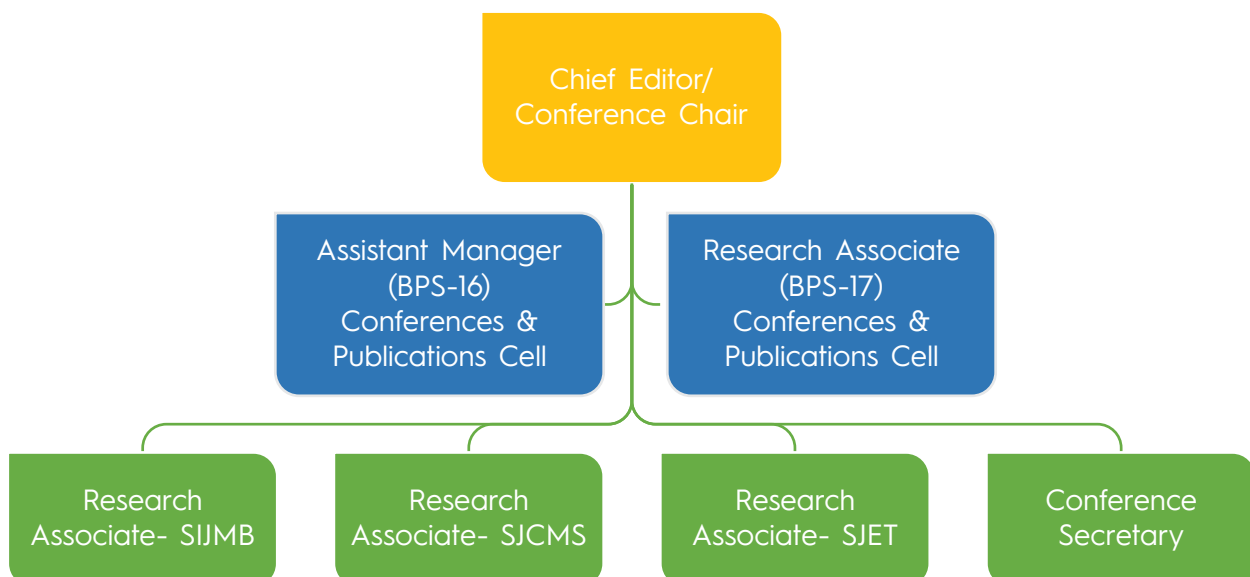
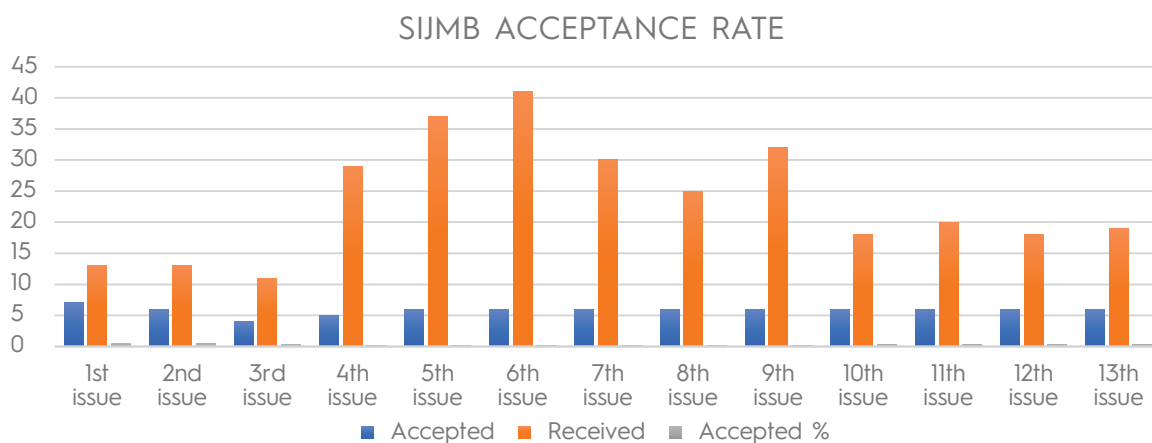


Figure 1: Structure of Research Journals Publication and Conferences Cell

1. Sukkur IBA Journal of Management and Business (SIJMB)

From the platform of ORIC Sukkur IBA University has 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 in 2016. SIJMB is peer-refereed and multidisciplinary journal. The mission statement of Sukkur IBA University clearly demonstrates the importance of research. The research does not only solve and identify the existing problems but also generates new and innovative ideas. SIJMB is a unique effort of Sukkur IBA University towards its commitment to creating research-based community. This journal provides a valuable platform for national and international researchers and publishes their research findings and disseminates it to the largest stakeholders. This journal does not charge any fees and also provides a complimentary copy (in hard form) to each author and the supplement copies of the journal have also been distributed to HEI and R&D institutions of the country. Moreover, 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 aims 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. However, the graph-01 shows the history of SIJMB. Furthermore, in order to improve the quality of submissions and ranking of Journal, Sukkur IBA University has now merged SIJEF "Sukkur IBA Journal of Economics & Finance" into SIJMB (Sukkur IBA Journal of Management & Business). Articles/Papers related to the themes of Economics and finance will also be considered for publication in SIJMB, which is already recognized by HEC. Y-Category

Graph 01: SIJMB Publication History



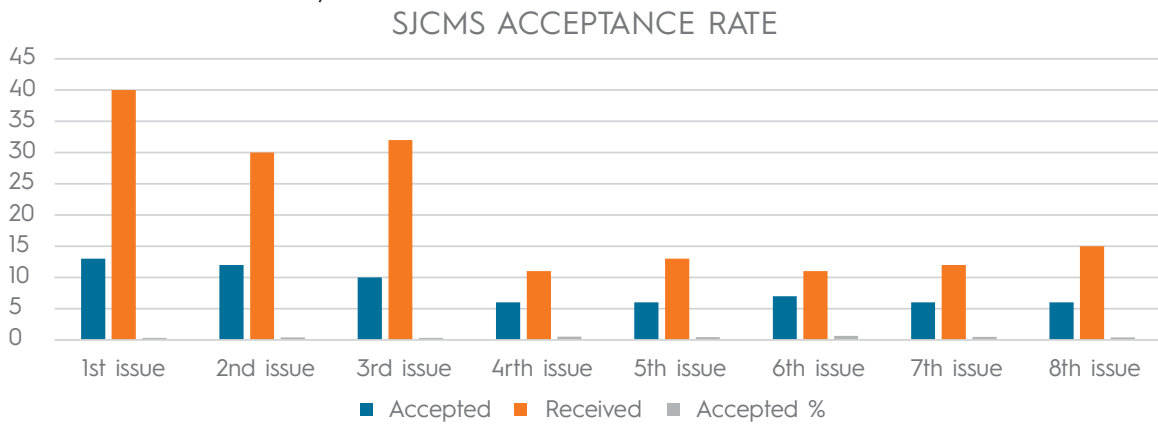
	1st issue	2nd issue	3rd issue	4th issue	5th issue	6th issue	7th issue	8th issue	9th issue	10th issue	11th issue	12th issue	13th issue
Accepted	7	6	4	5	6	6	6	6	6	6	6	6	6
Received	13	13	11	29	37	41	30	25	32	18	20	18	19
Accepted %	54%	46%	36%	17%	16%	15%	20%	24%	19%	33%	30%	33%	32%

2. Sukkur IBA Journal of Computing and Mathematical Sciences (SJCMS)

Considering the importance of research dissemination in Computing and Mathematical Science, Department of Computer Science, Sukkur IBA University, in coordination with ORIC has 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 IBA University, Sukkur, Pakistan. SJCMS is dedicated to serving as a key resource to provide practical information for the researcher associated with computing and mathematical sciences at a global scale. Higher Education Commission of Pakistan has recognized Sukkur IBA Journal of Computing and Mathematical Sciences in 2019.

The aim of 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 prerequisite 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. This has published 8 issues since 2019. SJCMS has achieved numerous milestones in very short span of time and is indexed in renowned databases such as DOAJ, Google Scholar, DRJI, BASE, ROAD, CrossRef and many others and recognized by HEC- Y-Category.

Graph 02: SJCMS Publication History



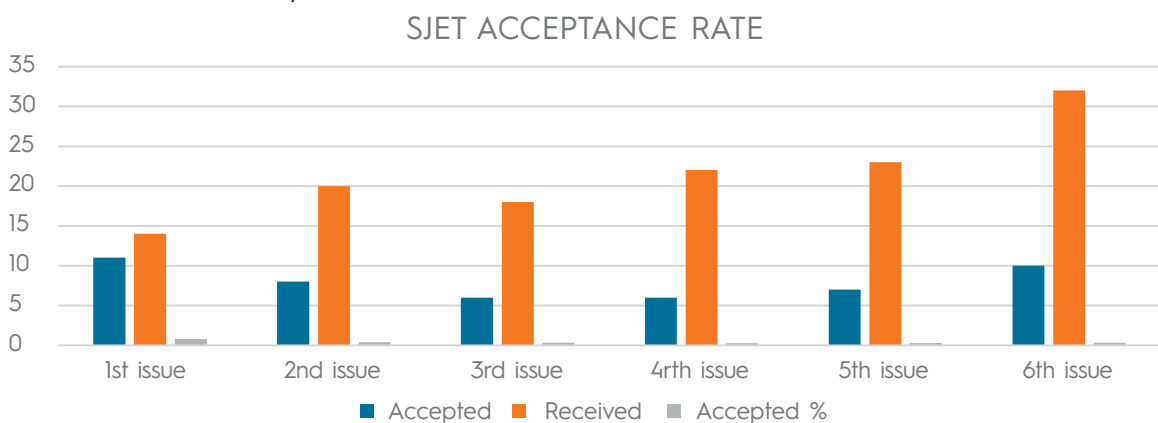
	1st issue	2nd issue	3rd issue	4rth issue	5th issue	6th issue	7th issue	8th issue
Accepted	13	12	10	6	6	7	6	6
Received	40	30	32	11	13	11	12	15
Accepted %	33%	40%	31%	55%	46%	64%	50%	40%

3. Sukkur IBA Journal of Emerging Technologies (SJET)

Considering the importance of research dissemination in Emerging Technologies, Department of Electrical Engineering, Sukkur IBA University, in coordination with ORIC has initiated Sukkur IBA Journal of Computing and Emerging Technologies (SJET). Sukkur IBA Journal of Emerging Technologies (SJET) is the bi-annual research journal published by Sukkur IBA University, Sukkur, Pakistan. SJET is dedicated to serving as a key resource to provide practical information for the researcher associated with computing and mathematical sciences at a global scale.

The SJET provides invaluable source of information and enables the interested researchers to access the original information they are seeking. The manuscripts submitted in SJET have been followed by double-blind peer-review process, which addresses key issues in the field of emerging engineering technologies. The SJET has endorsed highly standards which are prerequisite for publishing high quality research work. This journal manifests into eco-system for the academician and engineers work together in the pursuit of excellence & innovation. That is why the editorial board of SJET comprises academic and industrial researchers from various advanced countries. The journal has adopted open access policy without charging any publication fees that will certainly increase the readership by providing free access to a wider audience. This has published 6 issues since 2019 and recognized by HEC-Y-Category.

Graph 03: SJET Publication History

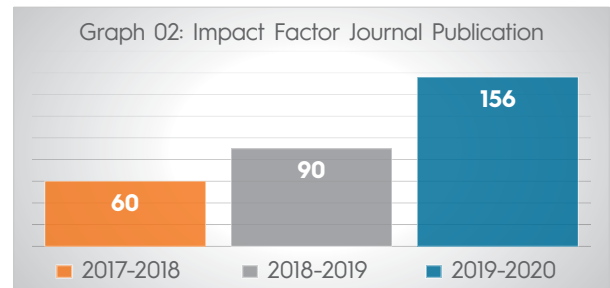


	1st issue	2nd issue	3rd issue	4rth issue	5th issue	6th issue
Accepted	11	8	6	6	7	10
Received	14	20	18	22	23	32
Accepted %	79%	40%	33%	27%	30%	31%

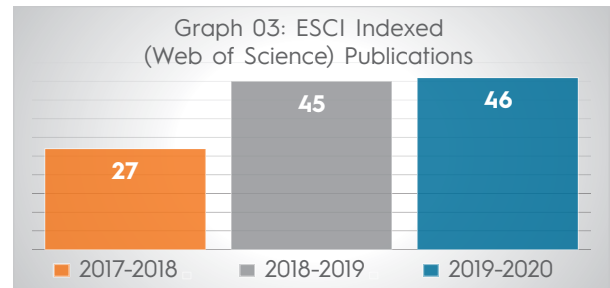
Research Progress at Sukkur IBA University

As academic research plays a very important role in the economic and social development of society in terms of a new product, technology or service, knowledge creation for policymakers, and increased understanding of social values or cultures, etc., Sukkur IBA University always encourages and promotes the research culture among the faculty, professional staff, and students. The subsequent section provides the detail of research progress at Sukkur IBA University for the period of last three fiscal years i.e. 2017-18, 2018-19 and 2019-2020.

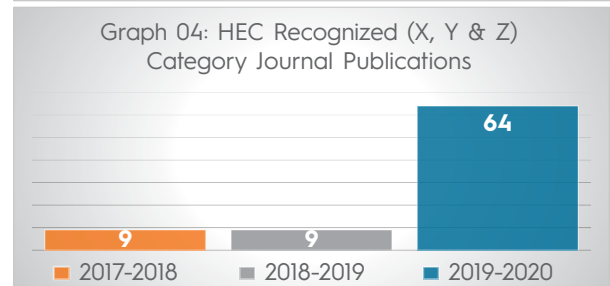
Graph 02 shows a number of papers published in impact factor journals in last three fiscal years (2017-18, 2018-19 and 2019-2020). From above graph, it is evident that the number of publications has consecutively increased in all three fiscal years, from 2017-18 to 2019-20. This growth in impact factor publications can be attributed to an increased number of PhD faculty and friendly research policy for researchers/faculty at Sukkur IBA University.



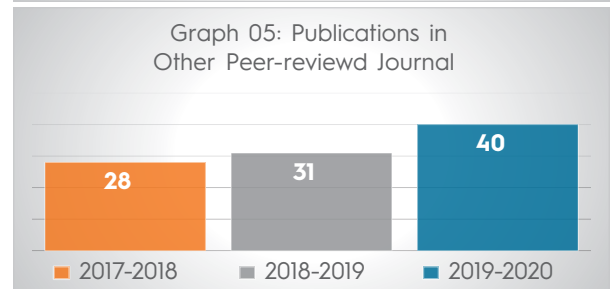
Graph 03 shows the number of papers published in non-impact factor but ESCI indexed (web of science) journals in last three fiscal years (2017-18, 2018-19 and 2019-2020). From above graph, it is obvious that the number of publications has tremendously increased from 2017-18 to 2019-20. Increasing trend in ESCI indexed non-impact factor publications can be witnessed.



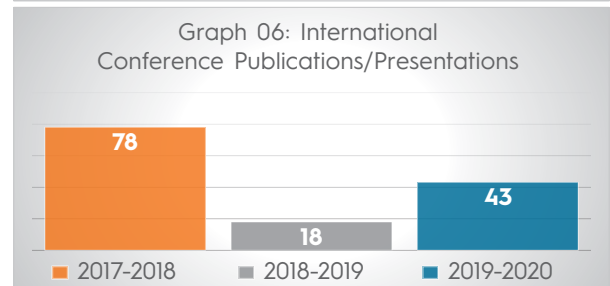
Graph 04 shows a number of papers published in HEC recognized (X, Y & Z) category journals in last three fiscal years (2017-18, 2018-19 and 2019-2020). From above graph, it seems that the number of publications remained same from 2017-18 to 2018-19. In a period of 2019-20, the number of publications (64) is the highest.



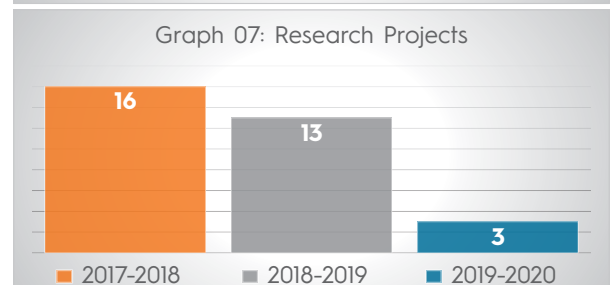
Graph 05 shows a number of papers published in other peer-reviewed journals (indexed in Scopus, Ulrich, etc.) that are other than impact factor, non-impact factor (ESCI indexed), and HEC recognized (X, Y & Z) category journals in last three fiscal years (2017-18 and 2019-20). From this graph, it seems that the number of publications has increased from 28 in 2017-18 to 31 in 2018-19 and up to 40 in 2019-20. In a period of 2019-20 is the highest number of publications (40), followed by 2018-19 (31 publications) and 2017-18 (28 publications).



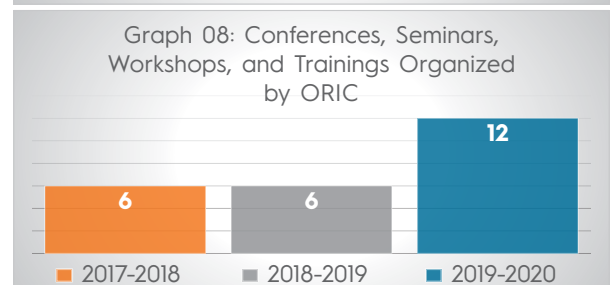
Graph 06 shows a number of international conference publications/presentations in last three fiscal years (2017-18, 2018-19 and 2019-2020). From this graph, it seems that the number of conference publications/presentations is decreased from 78 in 2017-18 to 18 in 2018-19, but increased up to 43 in 2019-20.



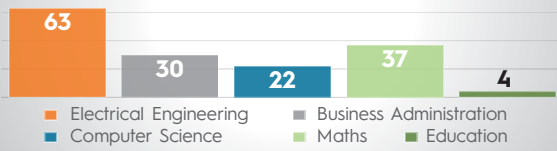
Graph 07 shows a number of research projects awarded to faculty in last three fiscal years (2017-18, 2018-19 and 2019-2020) from various governmental, non-governmental, and international organizations. From above graph, it appears that the number of awarded projects is decreased from 16 in 2017-18 to 13 in 2018-19, and further decreased up to 3 in 2019-20 because of COVID-19.



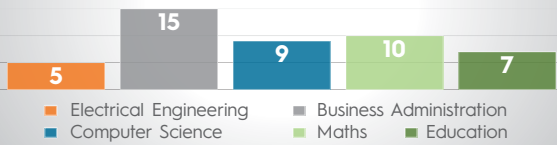
Graph 08 shows a number of conferences, seminars, workshops and training organized by ORIC in last three fiscal years ((2017-18, 2018-19 and 2019-2020). From above graph, it appears that the number of conferences, seminars, workshops and training organized remained same during 2017-18 to 2018-19 and increased during 2019-18 to 2020. In a period of 2019-20, the number of conferences, seminars, workshops and training organized by ORIC (12) is the highest followed by 6 in each fiscal year (2017-18 and 2018-19).



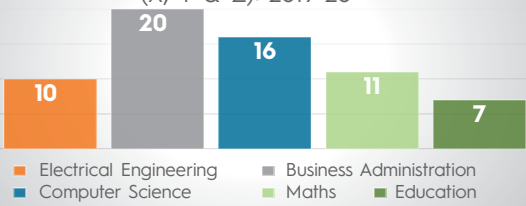
Graph 09: Department-Wise Impact Factor Journal Publications: 2019-20



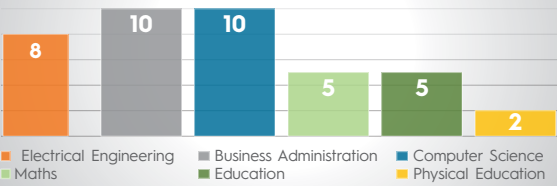
Graph 10: Department-Wise ESCI Indexed (Web of Science) Non-Impact Factor Publications: 2019-20



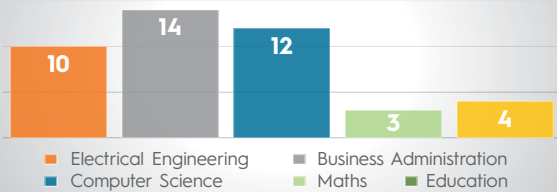
Graph 11: Department-wise Publications in HEC Recognized Journals (X, Y & Z): 2019-20



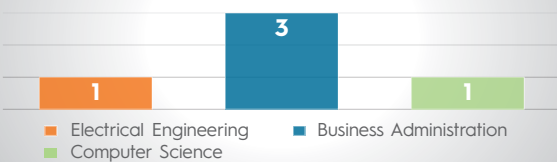
Graph 12: Department-wise Publications in Other Peer Reviewed Journals 2019-20



Graph 13: International Conference Publications / Presentations



Graph 14: Department-Wise Research Projects 2019-20



Department-wise Research Progress at Sukkur IBA University 2019-20

Graph 09 shows the department-wise number of papers published in impact factor journals in 2019-20. It appears that Electrical Engineering department has the highest number of impact factor paper publications (63) followed by Computer Science department (22), Business Administration department (30), Mathematics and Social Sciences department (37), and Education department (4).

Graph 10 shows the department-wise number of papers published in non-impact factor ESCI indexed (Web of Science) journals in 2019-20. It appears that Business Administration department has the highest number of paper publications (15) followed by Computer Science department (09), Mathematics and Social Sciences department (10), Electrical Engineering department (05) and Education department (07).

Graph 11 shows the department-wise number of papers published in HEC recognized (X, Y & Z) category journals in 2019-20. It appears that Business Administration department has the highest number of paper publications (20) followed by Computer Science department (16).

Graph 12 shows department-wise a number of papers published in other peer-reviewed journals (indexed in Scopus, Ulrich, etc.) that are other than impact factor, non-impact factor (ESCI indexed), and HEC recognized (X, Y & Z) category journals in 2019-2. It appears that Business Administration department has the highest number of paper publications (17) followed by Electrical Engineering department (08), Computer Science department (02), Mathematics and Social Sciences department (02), and Education department (02).

Graph 13 shows the international conference publications/presentations in 2019-2020. It appears that Business Administration department has the highest number of conference publications/presentations (14) followed by Computer Science department (12), Electrical Engineering department (10), and Education department (04).

Graph 14 shows a number of research projects awarded to faculty in 2019-20. From the graph, it appears that Business Administration department has the highest number of research projects awarded (03) followed by Electrical Engineering department (01), and Computer Science department (01).

Linkages: Industry and other Higher Education Institutions

Sukkur IBA University staunchly believes in creating synergy by working together with National and International Higher Educational Institutes and Industries to create a long-lasting impact for the local community and globally as well. These linkages not only help our scholars and students to undertake joint research projects and have global exposure but also create an impact and mark the presence of community resources, skills and talent in global workspace. Sukkur IBA University, under these MoUs, insights and learnings from real life projects not only improves its curriculum but also adopts International teaching pedagogies which enable better and improved learning.

Under these MoUs with other International and National Higher Education Institutes, Sukkur IBA University benefits in terms of (not limited to):

- Exchange of Faculty members and/or researchers with the objective of offering courses and realizing research projects in areas mutually agreed upon by both universities through prior invitation and in accordance with the procedures and expectations established by each university and specific department.
- Exchange of undergraduate and graduate students with the objective of enrolling students in courses appropriate to their year and area of study.
- Support reciprocity in university extension activities of common interest.
- Exchange of books, scientific publications, study programs, academic projects, course information, seminars, conferences and any other data and information of common interest.
- Develop joint research projects and joint publications.

Apart from other Higher Educational Institutes, Linkages are established with Angel Investor/ Venture capitalists to boost and create an entrepreneurial eco-system in order to produce entrepreneurs that will not only create employment but will also help curb with the socio-economic challenges faced by the local community. Under following terms MoUs tend to help our young aspiring entrepreneurs:

- To provide solutions for the development of a business/entrepreneurial acumen among the university students
- To create strategies and frameworks for catering to the entrepreneurial development needs of the students
- To provide Incubation & Co-Working space for potential Start-Ups
- To provide assistance in setting up incubators or sustaining existing ones within university vicinity
- A non-binding commitment from BOV to provide access to finance/investment and online/offline market linkages to viable business ideas
- To encourage, retain and develop business ideas with the help of training and mentorship to develop products/services that provide financially empowerment to young individuals

Industry is a key stake-holder for any university and is the end-user of the university's graduating student. In today's world its most important to take industry on board which creates greater chance of hiring for the graduating student. These Industrial Partners, share real time industry problems and look upon on aspiring graduates to propose a solution. In the meantime, this whole process grooms and develops graduating students for the real time professional setting.

Establishment of Technology, Innovation Support Center (TISC) at ORIC, Sukkur IBA University

In collaboration with Intellectual Property Organization (IPO) Pakistan and Ministry of Science & Technology (MoST), the HEC of Pakistan supports the establishment of Technology and Innovation Support Centers under the World Intellectual Property Organization (WIPO) TISC program and ORIC, Sukkur IBA University is one of the initial Universities with approved TISC notified by HEC

TISC provides the following services:

- Access to online patent database systems and science and technology resources
- Access to intellectual property related publications
- Assistance in searching and retrieving technology information
- Training on searching databases
- On-demand searching (novelty, state-of-the-art and infringement)
- Technology and competitor monitoring
- Basic Information on intellectual property laws
- Basic information on intellectual property management and strategy
- Basic information on technology commercialization and marketing

Whereas, the contributions of HEC, IPO Pakistan and WIPO include:

- To support access to patent database systems and science and technology
- Build technical skills for future TISC staff via training and distance learning courses
- Information and training materials
- Provide platforms and activities to facilitate an exchange of experiences within national networks of TISCs or between different networks

TISC Resources

1. Publications – WIPO (World Intellectual Property Organization)

<https://www.wipo.int/publications/en>

2. WIPO Academy Programs

<https://www.wipo.int/academy/en>

3. PATENTSCOPE

<https://www.wipo.int/patentscope/en/>

4. Patent Landscape Reports (PLRs)

https://www.wipo.int/patentscope/en/programs/patent_landscapes/

5. Access to Research for Development and Innovation (ARDI)

<http://ardi.wipo.int/content/en/journals.php>

6. Hinari Access to Research for Health program

<https://www.who.int/hinari/en/>

7. Online access to research in the environment (OARE)

www.unep.org/oare/

8. Access to Global Online Research in Agriculture (AGORA)

<http://www.fao.org/agora/en/>

9. Global Online Access to Legal Information

<http://www.ilo.org/goali/lang--en/index.htm>



List of Publications by Business Faculty from Jul 2019 - Jun 2020

S.No.	Paper	Journal Name	Year
1	Impact of exchange rate volatility on the US exports: A new evidence from multiple threshold nonlinear ARDL model.	Journal of International Commerce, Economics and Policy	2019
2	Does the exchange rate change have symmetric or asymmetric effects on international trade integration?	Annals of Financial Economics	2019
3	Job satisfaction among police officers in District Rawalpindi, Pakistan: Role of demographic, social and psychological factors	Grassroots Development	2019
4	The Impact of Ethical Leadership Style on Job Satisfaction: Mediating Role of Perception of Green HRM and Psychological Safety.	Leadership & Organization Development Journal.	2019
5	Eat, Work, Love: Alternative Tourists' Connection with Ethnic Food	British Food Journal	2019
6	The return and volatility nexus between stock market and macroeconomic fundamentals for China.	<i>Physica A: Statistical Mechanics and its Applications</i>	2019
7	Capital Structure and Adjustment Speed: Evidence From Listed Manufacturing Firms in Indonesia and Malaysia	Indonesian Capital Market Review	2019
8	Promoting environmental performance through green human resource management practices in higher education institutions: A moderated mediation model	Corporate Social Responsibility and Environmental Management	2019
9	From perfection to performance: A moderated mediation process	Annals of Contemporary Developments in Management & HR (ACDMHR)	2019
10	Locate the warehouse: super distribution services	Emerald Emerging Markets Case Studies	2019
11	Rising environmental degradation and impact of foreign direct investment: An empirical evidence from the SAARC region	Journal of environmental management	2019
12	Control-Enhancing Mechanisms and Earnings Management: Empirical Evidence from Pakistan	Journal of Risk and Financial Management	2019
13	Circular supply chain management: A definition and structured literature review	Journal of Cleaner Production	2019
14	ENTREPRENEURIAL LEADERSHIP AND INNOVATION: THE MEDIATING ROLE OF EMPLOYEE VOICE BEHAVIOR	RISUS - Journal on Innovation and Sustainability	2019
15	Effects of sources of knowledge on frugal innovation: moderating role of environmental turbulence	Journal of Knowledge Management	2019
16	The Influence of Sources of Knowledge on Frugal Innovation: Moderation of Environmental Turbulence.	Journal of Knowledge Management	2019
17	Centralized supply chain - Food Lord	Emerald Emerging Markets Case Studies	2019
18	THE IMPACT OF CORRUPTION ON EXCHANGE RATE: EMPIRICAL EVIDENCE FROM PANEL DATA	<i>Sukkur IBA Journal of Management and Business</i>	2019
19	An investigation of environmental reporting in the oil and gas sector of Pakistan using Global Reporting Initiative's guidelines	Journal of Higher Education Service Science and Management (JoHESSM)	2019
20	Leadership Styles in Influencing Employees' Job Performances	International Journal of Academic Research in Business and Social Sciences	2019
21	Lajpal Tea: Black Gold at Stake-Supplier Selection	Iyey Publishing	2019
22	High-power distance is not always bad: ethical leadership results in feedback Seeking	Frontiers in psychology	2019
23	Coworker feedback seeking and feedback environment in China: An expectation states theory approach	Social Behavior and Personality: an international journal	2019
24	Loan Loss Provision and Risk-Taking Behavior of Commercial Banks in Pakistan: A Dynamic GMM Approach	Sustainability	2019
25	Association between a teacher's work passion and a student's work passion: a moderated mediation model	Psychology research and behavior management	2019
26	Composition of motivation profiles at work using latent analysis: theory and evidence	Psychology research and behavior management	2019
27	Towards an integrated model for brand adoption: Insights from an organismic integration theory	European Journal of International Management	2019
28	Impacts of Performance-based Pay on Employee Productivity; Mediated by Employee Training	<i>International Journal of Research & Review</i>	2019
29	Supply chain innovation research: content analysis based review	Benchmarking: An International Journal	2019
30	Bike Wala - A To Zee Distribution	Emerald Emerging Markets Case Studies	2019
31	Modern Public School - technical procurement	Emerald Emerging Markets Case Studies	2019
32	Determinants of stock market development and price volatility in ASEAN plus three countries: The role of institutional quality	International Journal of Finance & Economics	2019
33	Integrating intrinsic motivation into the relationship between product design and brand attachment: A cross-cultural investigation based on self-determination theory	European Journal of International Management	2019

S.No.	Paper	Journal Name	Year
34	Religiosity as a moderator between theory of Planned behavior and Halal purchase intentions	Journal of Islamic Marketing	2019
35	Do investors herd with industries or markets? Evidence from Pakistan stock exchange	Cogent Economics & Finance	2019
36	Effect of trade on ecological quality: a case of D-8 countries	Environmental Science and Pollution Research	2019
37	Halal marketing: a marketing strategy perspective	Journal of Islamic Marketing	2019
38	Government Size and Economic Growth: A Panel Data Study Comparing OECD and Non-OECD Countries.	Applied Economics Journal	2019
39	Green Reverse Logistics: Case of the Vehicle Routing Problem with Delivery and Collection Demands	Solving Transport Problems: Towards Green Logistics	2019
40	Uncovering the Link between Strategic Human Resource Management and Crisis Management: Mediating Role of Organizational Resilience Nisar	Annals of Contemporary Developments in Management & HR (ACDMHR)	2019
41	Does thriving and trust in the leader explain the link between transformational leadership and innovative work behaviour? A cross-sectional survey.	Journal of Research in Nursing	2019
42	How transformational leadership impacts innovative work behavior among nurses.	British Journal of Health Care Management	2019
43	Zakat and Financial Inclusion Nexus: Empirical Evidence from Pakistan	International Journal of Innovation, Creativity and change	2019
44	The Rise and Fall of Waqf Crowdfunding: Exploring the Shortcomings.	International Journal of Innovation, Creativity and change	2019
45	The impact of green human resource practices on environmental sustainability	Polish Journal of Management Studies	2019
46	Anytime distribution - a case of gender differential in sales performance	Emerald Emerging Markets Case Studies	2019
47	An Exploratory Study on Environmental Management Practices among Food and Beverages Processing Industries in Pakistan	Journal of Applied and Emerging Sciences	2019
48	General opinion about online advertisements among the teenagers—an empirical study	Global Journal for Research Analysis	2019
49	Modelling the gender inequality in Pakistan: A macroeconomic perspective	Resource curse hypothesis and role of oil prices in USA	2019
50	Does family come first? Family Motivation-Individual's OCB assessment via Self-Efficacy.	Personnel Review	2019
51	Resource curse hypothesis and role of oil prices in USA	Resources Policy	2019
52	Strategic HRM and environmental performance: The role of corporate environmental policies and employee's eco-initiatives.	European Journal of International Management [Status: Accepted 2019 - Not online still].	2020
53	Reassessing the Impact of Risk Management Capabilities on Firm Value: A Stakeholders Perspective	Sukkur IBA Journal of Management and Business	2020
54	Empirical analysis of climate change factors affecting cereal yield: evidence from Turkey	Environmental Science and Pollution Research	2020
55	Blockchain-based life cycle assessment: An implementation framework and system architecture.	Resources, Conservation and Recycling	2020
56	Corporate social responsibility, work meaningfulness, and employee engagement: The joint moderating effects of incremental moral belief and moral identity centrality - Corporate Social Responsibility and Environmental Management.	Corporate Social Responsibility and Environmental Management	2020
57	Celebrity endorsement and brand passion among air travelers: Theory and evidence	International Journal of Hospitality Management	2020
58	Allied Power Solutions (APS): A Decision Dilemma. Case Studies on Contemporary Practices in Management & HR.	International Association of Educators and Researchers	2020
59	Shari'ah-compliant central banking practices: lessons from Muslim countries' experience	ISRA International Journal of Islamic Finance	2020
60	Flori Pharma: maintaining ethics in an unethical sales environment	Emerald Emerging Markets Case Studies	2020
61	Flori Pharma: maintaining ethics in an unethical sales environment	Macrothink Institute Case Studies in Business and Management	2020
62	MODERATING INFLUENCE OF AUDIT QUALITY ON THE RELATIONSHIP BETWEEN CONCENTRATED OWNERSHIP AND ACCOUNTING CONSERVATISM: IN PAKISTANI LISTED FIRMS: EMPIRICAL EVIDENCE FROM GMM ...	Journal of Critical Reviews	2020
63	Driving Learning Organization Through Knowledge Management And High-Performance Work Practices	International Journal of Disaster Recovery and Business Continuity	2020
64	Antecedents of workplace deviance: Role of job insecurity, work stress and ethical work climate	Problemy Zarządzania (Issues of management)	2020
65	THE MODERATING IMPACT OF PERFORMANCE APPRAISAL POLITICS ON LEADERSHIP STYLES AND JOB PERFORMANCE: OVERVIEW FROM BANKING SECTOR IN PAKISTAN	Journal of Critical Reviews	2020
66	New branch establishment - Keerthar Food Restaurant	Emerald Emerging Markets Case Studies	2020

S.No.	Paper	Journal Name	Year
67	Scenario Analysis and Proposed Plan for Pakistan Universities - COVID - 19: Application of Design Thinking Model	Cambridge Open Engage	2020
68	Towards a Sustainable Development: The Role of Energy and Institutions in Combating for the ASEAN-8 CO2 Emissions	Moving from the Millennium to the Sustainable Development Goals	2020
69	Towards a Sustainable Development: The Role of Energy and Institutions in Combating CO2 Emissions for the ASEAN-8	Moving from the Millennium to the Sustainable Development Goals	2020
70	Women participation in achieving sustainability of microfinance institutions	Journal of Sustainable Finance & Investment	2020
71	Investigating the long-run interaction between electricity consumption, foreign investment, and economic progress in Pakistan: evidence from VECM approach	Environmental Science and Pollution Research	2020
72	Fear of Terror and Employees' Behaviour in Terrorist-Ridden Areas	Journal of Aggression, Conflict and Peace Research,	2020
73	Does macroeconomic uncertainty really matter in predicting stock market behavior? A comparative study on China and USA.	China Finance Review International,	2020
74	Yaqoob biscuit manufacturers - missing contingency plan	Emerald Emerging Markets Case Studies	2020
75	The future of your job represents your future: a moderated mediation model of transformational leadership and job crafting	Personnel Review	2020
76	Unlocking employees' green creativity: The effects of green transformational leadership, green intrinsic, and extrinsic motivation	Journal of Cleaner Production	2020
77	Asymmetric effect of extreme changes in the exchange rate volatility on the US imports	Studies in Economics and Finance	2020
78	Corporate social responsibility and brand passion among consumers: Theory and evidence	Corporate Social Responsibility and Environmental Management	2020
79	Intergenerational differences in fans' motivation to watch the T20 world cup: A generation cohort theory perspective	International Journal of Sports Marketing and Sponsorship	2020
80	Repairing police psychological safety: the role of career adaptability, feedback environment, and goal-self concordance based on the conservation of resources theory	Sage open	2020
81	"Volatility Spillover among Equity and Commodity Markets"	sage Open	2020
82	How does Primary, Secondary and Tertiary Education Affect Global Terrorism? Fresh Evidence with International Panel Data	Journal of Aggression, Conflict and Peace Research	2020
83	Towards an Integrated Model of Customer Religiosity: A Self-Determination Theory Perspective	Central European Management Journal	2020
84	South Asian microfinance outreach: An economic context.	Academic Journal of Social Sciences	2020
85	Towards an integrated model for the transference of environmental responsibility	Business Strategy and the Environment	2020
86	Consequences of Supervisor Knowledge Hiding in Organizations: A Multilevel Mediation Analysis.	APPLIED PSYCHOLOGY: AN INTERNATIONAL REVIEW	2020
87	Dynamic relationship among agriculture-energy-forestry and carbon dioxide (CO2) emissions: empirical evidence from China	Environmental Science and Pollution Research	2020
88	Capturing customer's store loyalty through relationship benefits: Moderating effect of retail innovation	European Business Review	2020
89	ISSUES & CHALLENGES FACED BY WAREHOUSE MANAGEMENT IN THE FMCG SECTOR OF PAKISTAN	International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies	2020
90	Economic Freedom, Democracy and Income Inequality	Academic Journal of Social Sciences	2020

List of Projects Carried by Business Department from Jul 2019 - Jun 2020

S. No #	Principal Investigator	PI Department	Title of the Project/ Contract	Location Province / Country	Client	Project Type	Year	Nature of Services
1	Prof. Dr. Pervaiz Ahmed Memon	Department of Business Administration	Covid-19 impact on SMEs	Sindh	International Trade Centre (ITC), Geneva, Switzerland	International NGO	2020	Survey
2	Prof. Dr. Pervaiz Ahmed Memon	Department of Business Administration	Collection of data on the competitiveness of farmers and agribusiness services in Sindh using the ITC SME Competitiveness Survey and ITC Farm Survey	11 Districts of Sindh Province	International Trade Centre (ITC), Geneva, Switzerland	International NGO	2019	Survey

CHAPTER 3

QUALITY ASSURANCE

**IMPACT OF QUALITY ASSURANCE
ON THE UNIVERSITY**

**MEMBERSHIP OF ASSOCIATIONS/NETWORKS
ACCREDITATION OF PROGRAMS
FROM RELEVANT COUNCILS**



QUALITY ASSURANCE

Impact of Quality Assurance on the University:

There is a significant impact in the way quality and its implications are seen in the higher education system. At the university level, quality is maintained by continuously enhancing academic standards. Besides, there is a visible impact on managerial aspects as well; particularly, in 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 university which in turn is seen in new modes of assessing academic staff, different ways of addressing academic developments, and other similar aspects leading to the attainment of national and international accreditations.

Significance of Quality Enhancement Cell (QEC):

The role of the Quality Enhancement Cell (QEC) at Sukkur IBA University is to monitor and enhance existing academic processes, procedures and practices implemented within academic and administrative departments while keeping in view the mandate given by HEC and in conformity with national and international quality assurance networks working across the globe. While keeping in view those best practices, QEC is striving to improve the student learning experience by identifying weak areas for improvement. Some of the major achievements made by QEC are: Retaining the highest ranking "W" category awarded by QAA-HEC, Completed forty-three SARs of various offered programs ranging from bachelors to doctoral level with multiple self-assessment cycles, Implemented online teacher evaluation by students at the end of every semester, Arranged/Attended twenty-seven national and international events i.e. workshops/seminars/conferences on various topics from time to time, Effectively implemented Assurance of Learning (AoL) cycle in various programs offered in all five departments of Sukkur IBA University.

Major Achievements:

- Contributed in international research publication on "Aspect-Based Opinion Mining on Student's Feedback for Faculty Teaching Performance Evaluation @ IEEE-Xplore"
- Appointed as an External Examiner of the University of Balochistan, Quetta
- Participated in national seminar on "Pivotal Role of International Ranking towards Teaching & Graduates Quality" organized by Indus University, Karachi
- Appointed as an External Examiner of the University of Sindh, Jamshoro
- Arranged the first program team meeting of MS (Mgmt. Sc.), MS (Comp. Sc.), MS (Maths), & M.Phil. (Edu.) Programs
- Nominated as Program Review Committee panelist by HEC to visit International Islamic University, Islamabad
- Conducted workshop on Assurance of Learning (AoL) for SZABIST, Larkana Campus
- Organized the final meeting on Vision-2030 of Sukkur IBA University, Sukkur
- Nominated as IPE & Program Review Committee panelist by HEC to visit ILMA University, Karachi
- Participated in the on-campus meeting of Plagiarism Standing Committee
- Established academic linkages between the Sukkur IBA University & National Assembly Standing Committee, Islamabad
- Conducted session on Assurance of Quality in Higher Education for ILMA University, Karachi
- Celebrated "World Quality Week" at Sukkur IBA University with Dr. Nadia Tahir, MD-QAA, HEC, Islamabad
- Virtually presented on the topic "Explore the World: Fall 2020 Global Speaker Series" organized by Johnson County Community College, USA
- Participated in webinar on "Assessment in Online Education" organized by Indus University, Karachi
- Participated in an interactive webinar on "Case Study Moving towards Digital Teaching Learning & Assessments" organized by Aga Khan University, Karachi
- Contributed in the "2nd International Conference on Quality Assurance in Academia (ICQAA-20-21)" organized by ILMA University, Karachi
- Participated in the "2nd International Conference on Quality Assurance in Academia (ICQAA-20-21)" organized by ILMA University, Karachi
- Nominated as the reviewer of Post-Graduate Program Review (PGPR) of HEIs by HEC, Islamabad
- Conducted Self-Institution Performance Evaluation (Self-IPE) of the Islamia University, Bahawalpur
- Hosted Progress Review Meeting of QECs organized by QAA-HEC at Sukkur IBA University, Sukkur
- Conducted session on "Assurance of Learning (AoL)" during the progress review meeting of QECs at Sukkur IBA

University, Sukkur

- Conducted session on Assurance of Learning (AoL) on AACSB Lines for newly inducted faculty of Business Administration Department of Sukkur IBA University, Sukkur
- Participated in special guest speaker session on "Strapped Quality Standards of Higher Education in Pakistan and the Role of QECs" organized by DOW University, Karachi
- Participated in online session on "Designing of Program KPIs" organized by SZABIST, Karachi Campus
- Conducted international webinar on "Use of Online Teaching to Enhance Quality of Education Ideas for Post COVID Planning" organized by NewPorts Institute, Karachi
- Conducted Self-Institution Performance Evaluation (Self-IPE) of Benazir Bhutto Shaheed University of Technology & Skill Development, Khairpur

Outstanding Performance in YPR 2018-19:

QAA-HEC, Islamabad organized a two-day progress review meeting of QECs at Sukkur IBA University in which heads of QECs from different universities of lower and upper parts of Sindh were invited to share their progress. Besides discussion, a training session on Assurance of Learning (AoL) was also arranged showcasing the journey of Sukkur IBA University towards the attainment of AACSB International Accreditation. The session was conducted by Prof. Dr Sher Muhammad Doudpota, Director-QEC, and Dr Mujeeb-ur-Rehman Bhayo, Director-International Accreditations, Sukkur IBA University.

Subsequently, a consultative workshop on the revised IPE Manual was conducted by QAA officials on the last day of the meeting followed by a session on the New Compliance Policy and modalities involved in the Implementation of the New Ph.D. Policy. Last, the certificates distribution ceremony was held in which certificates were given away to the participants in addition to a shield of appreciation presented by Prof. Dr Nadia Tahir, Managing Director (QAA) to the Team QEC of Sukkur IBA University for its excellent performance in YPR 2018-19.

Membership of Associations / Networks:

QEC Sukkur IBA University has attained memberships of many 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 at every individual component and providing training and professional development opportunities to quality assurance professionals. Besides, QEC is emphasizing creating cross border linkages with other associations/networks to strengthen cooperation and capacity-building activities.

- ✓ 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-SAQS)
- ✓ EFMD & EFMD GN Membership

Accreditation of Programs from Relevant Councils:

QEC Sukkur IBA University is an active participant in accreditation committees at the national/international level. At present, the university is striving to achieve accreditation of the Association of Advanced Collegiate Schools of Business (AACSB), an international body dedicated to implementing standards at Bachelor's, Master's and Doctoral levels.

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

CHAPTER 4

FACULTY DEVELOPMENT PROGRAM

DETAILS OF THE SCHOLARS PURSUING
STUDIES ABROAD 2019-20
FACULTY PROFESSIONAL
DEVELOPMENT PROGRAM



DATA ON FACULTY DEVELOPMENT PROGRAM AT SUKKUR IBA UNIVERSITY(July 2017-June 2018)

TABLE.1 "FACULTY MEMBERS WHO HAVE COMPLETED THEIR STUDY LEAVE"		
1	PhDs	06
2	Maters	01
Total		07

Faculty Members who have completed their study leave

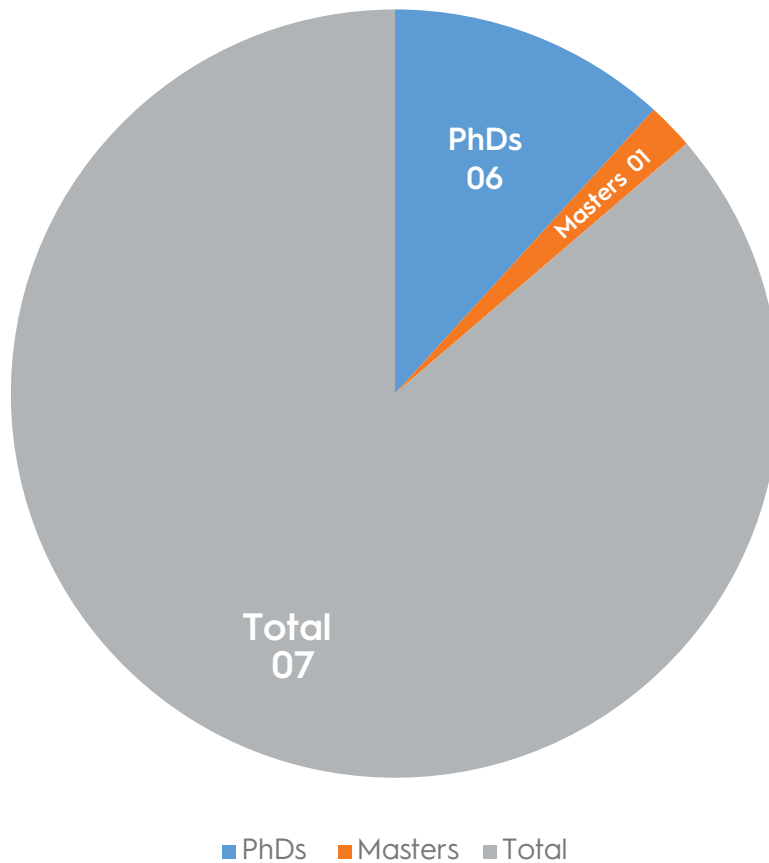


TABLE. 2 "FACULTY MEMBERS WHO ARE PURSUING THEIR STUDY LEAVE"		
1	Post Doctorate Fellowship	02
2	PhD	45
3	Master leading to PhD	04
4	Masters	14
Total		65

FACULTY MEMBERS WHO ARE PURSUING THEIR STUDY LEAVE

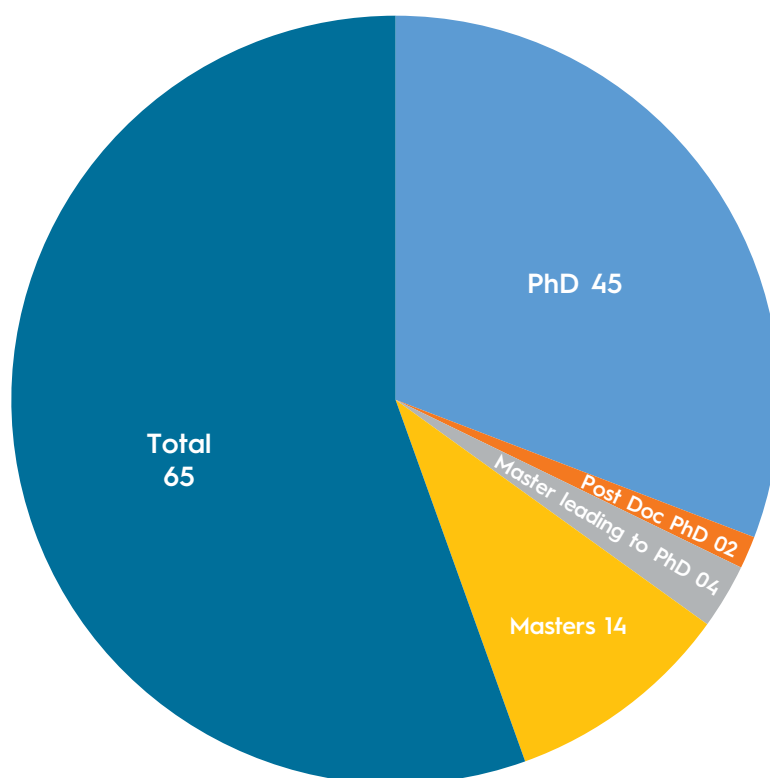
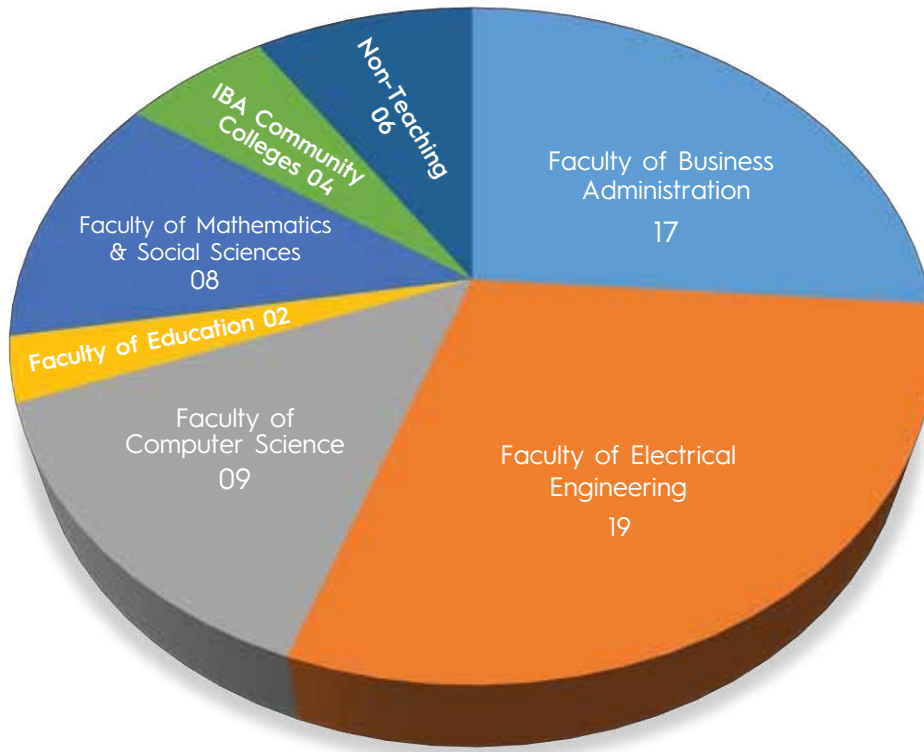


TABLE .3 "FACULTY & STAFF OF SUKKUR IBA UNIVERSITY PURSUING STUDY LEAVE DEPARTMENTWISE"

1	Faculty of Business Administration	17
2	Faculty of Electrical Engineering	19
3	Faculty of Computer Science	09
4	Faculty of Education	02
5	Faculty of Mathematics & Social Sciences	08
6	IBA Community Colleges	04
7	Others (Non-Teaching Staff)	06
Total		65

FACULTY & Staff OF SUKKUR IBA UNIVERSITY PURSUING STUDY LEAVE department WISE



- Faculty Of Business Administration
- Faculty of Electrical Engineering
- Faculty of Computer Science
- Faculty of Education
- Faculty of Mathematics & Social Sciences
- IBA Community Colleges
- Others (Non-Teaching)

LEARNING & DEVELOPMENT EFFORTS

20 International Conferences / Seminars attended by Faculty & Officers

161 In-House Sessions

67 Ex-House Training

198 Faculty Sessions



CHAPTER 5

ACCESS

ENROLLMENT STATUS W.E.F

2005 TO 2019-2020

DEPARTMENT-WISE AND GENDER-WISE

DETAILS OF STUDENTS ENROLLMENT

ENROLLED CANDIDATES

AT SUKKUR IBA UNIVERSITY

FROM 2005 TO 2019-2020

STUDENTS ENROLLMENT

AT SUKKUR IBA UNIVERSITY

DURING YEAR 2013-14

2014-15, 2016-17 & 2018-19, 2019-20



Sukkur IBA University
Merit-Quality-Excellence
Enrollment Status w.e.f 2005 to 2020

Department of Business Administration

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		2016-17		2017-18		2018-19		2019-20		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Bachelors Total	219	88	273	105	304	120	336	134	552	212	438	202	467	295	480	330	718	360	878	386	785	460	825	465	1079	565	1040	471	1294	419	
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		2016-17		2017-18		2018-19		2019-20		
Masters	96	45	119	58	123	60	295	106	295	106	214	110	265	140	290	165	282	94	297	105	177	136	222	157	162	100	115	30	82	21	
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		2016-17		2017-18		2018-19		2019-20		
MS/M.Phil	0	0	0	0	0	0	15	5	15	5	30	10	22	9	62	15	50	23	88	28	83	9	111	26	171	67	119	83	105	68	
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		2016-17		2017-18		2018-19		2019-20		
PhD	0	0	0	0	0	0	0	0	0	0	8	0	5	0	8	2	8	2	27	10	12	3	15	4	28	11	35	11	35	17	
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		2016-17		2017-18		2018-19		2019-20		
Post Graduate Diplomas / Foundation Semester	227	266	320	270	490	310	512	383	284	222	380	214	353	190	365	205	427	195	425	224	400	220	352	191	285	153	290	150	384	197	
Grand Total (Dept:Business Administration)	941	1145	1407	1786	1691	1606	1746	1922	2468	2159	2285	2621	2368	2544	2622																

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	45	23	48	23	47	21	41	22	66	37	66	30	78	33	105	50	170	78	191	97	236	94	249	98	231	95	361	226	363	251
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		2016-17		2017-18		2018-19		2019-20	
MS/M.Phil	0	0	0	0	0	0	15	5	15	5	6	6	7	5	9	8	38	4	40	3	28	6	38	13	44	16	49	17	88	25
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		2016-17		2017-18		2018-19		2019-20	
PhD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	2	2	1	4	2	6	3	4	2	4	1
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		2016-17		2017-18		2018-19		2019-20	
Post Graduate Diplomas / Foundation Semester	92	44	82	65	125	78	109	88	155	67	97	59	88	52	93	70	98	58	90	65	90	70	95	55	95	55	95	55	184	103
Grand Total (Dept: Computer Science)	204	218	271	280	345	264	263	336	450	490	527	545	809	1039																

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	45	23	48	23	47	21	41	22	66	37	66	30	78	33	105	50	170	78	191	97	236	94	249	98	231	95	361	226	363	251
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		2016-17		2017-18		2018-19		2019-20	
MS/M.Phil	0	0	0	0	0	0	15	5	15	5	6	6	7	5	9	8	38	4	40	3	28	6	38	13	44	16	49	17	88	25
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		2016-17		2017-18		2018-19		2019-20	
PhD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	2	2	2	1	4	2	6	3	4	2	4	1
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		2016-17		2017-18		2018-19		2019-20	
Post Graduate Diplomas / Foundation Semester	92	44	82	65	125	78	109	88	155	67	97	59	88	52	93	70	98	58	90	65	90	70	95	55	95	55	95	55	184	103
Grand Total (Dept: Computer Science)	204	218	271	280	345	264	263	336	450	490	527	545	809	1039																

Department of Electrical Engineering

Bachelors

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	5	2	12	4	22	8	27	12	74	47	182	50	190	85	250	95	362	53	411	59	476	58	473	60	500	68	551	77	601	88

MS/M.Phil

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
MS/M.Phil Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	12	115	32	99	47

PhD

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PhD Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2

Post Graduate Diplomas / Foundation Semester

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PGD / Foundation Total			101	67	83	65	73	23	178	78	162	68	175	92	186	82	150	78	150	80	130	55	140	60	155	45	141	39		
Grand Total (Dept: Electrical Engineering)	7	0	16	0	198	0	187	0	217	0	488	0	505	0	612	0	683	0	698	0	764	0	876	0	975	0	1020	0		

Department of Education

Bachelors

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	0	0	0	0	0	0	0	0	0	0	0	0	0	55	20	43	36	62	26	57	93	65	105	65	136	143	148	144	137	

M.Phil

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	2	2	29	13	46	13	66	7	

Foundation Semester

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Foundation Total												15	12	12	13	25	19	25	19	25	20	35	55	35	50	40	50	56	67	
Grand Total (Department:Education)	0	0	0	0	0	0	0	0	0	0	0	0	0	102	104	132	104	212	277	440	528	477	440	528	440	528	477	440	528	

Department of Mathematics

Bachelors

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0	35	5	88	21	126	41	166	53

M.Phil

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	7	35	7	39	4	24	8	26	14

PhD

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3	0	0

Foundation Semester

Foundation	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	10	25	5	41	9	50	10	40	10
Grand Total (Department:Education)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	0	112	0	205	0	262	0	312	

Department of Physical Education and Sports Sciences

Bachelors

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		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	130	65	44	6

Foundation Semester

Foundation	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	5	40	10
Grand Total (Department:Education)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	225	0	100	

Department of Media and Communication

Bachelors

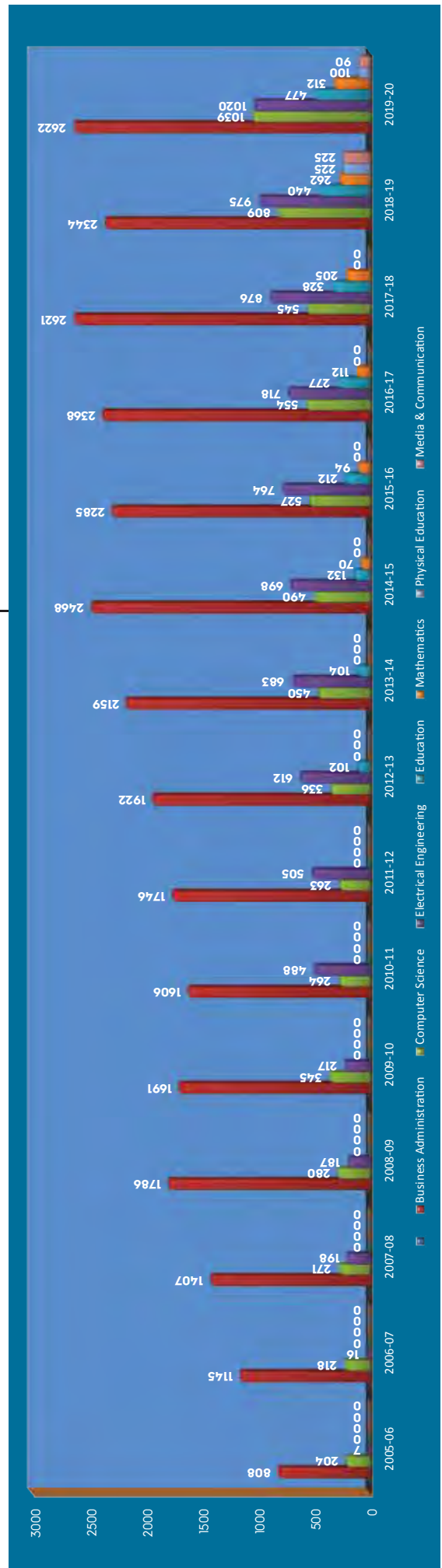
Level of Education	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Bachelors Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	15

Foundation Semester

Foundation	2005-06		2006-07		2007-08		2008-09		2009-10		2010-11		2011-12		2012-13		2013-14		2014-15		2015-16		2016-17		2017-18		2018-19		2019-20	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	10
Grand Total (Department:Education)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	

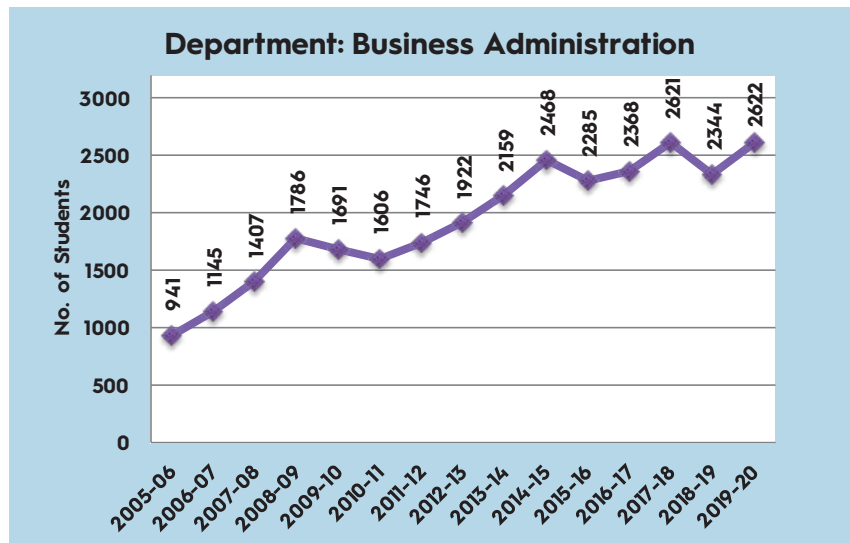
Department-Wise and Gender-Wise Details of Students Enrollment

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	2016-17	2017-18	2018-19	2019-20
Business Administration	808	1145	1407	1786	1691	1606	1746	1922	2159	2468	2285	2368	2621	2344	2622
Computer Science	204	218	271	280	345	264	263	336	450	490	527	554	545	809	1039
Electrical Engineering	7	16	198	187	217	488	505	612	683	698	764	718	876	975	1020
Education	0	0	0	0	0	0	0	102	104	132	212	277	328	440	477
Mathematics	0	0	0	0	0	0	0	0	0	70	94	112	205	262	312
Physical Education	0	0	0	0	0	0	0	0	0	0	0	0	0	225	100
Media & Communication	0	0	0	0	0	0	0	0	0	0	0	0	0	225	90
Total	1019	1379	1876	2253	2253	2358	2514	2972	3396	3658	3882	4029	4575	5280	5660



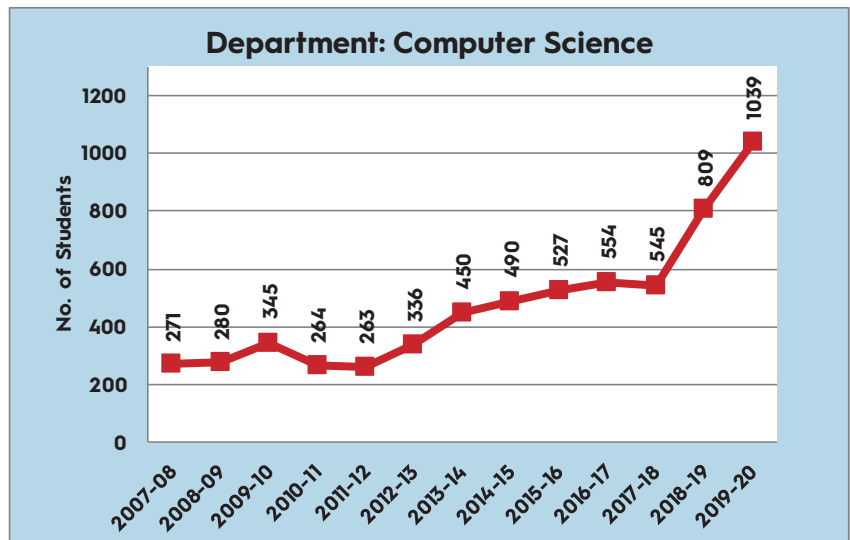
Enrolled Candidates at Sukkur IBA University w.e.f 2005 to 2020

Year	Business Administration
2005-06	941
2006-07	1145
2007-08	1407
2008-09	1786
2009-10	1691
2010-11	1606
2011-12	1746
2012-13	1922
2013-14	2159
2014-15	2468
2015-16	2285
2016-17	2368
2017-18	2621
2018-19	2344
2019-20	2622



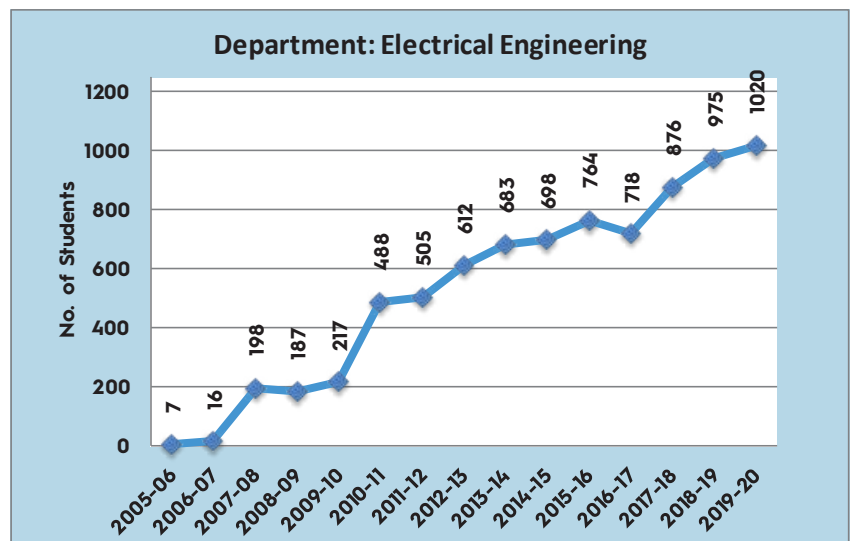
Enrolled Candidates at Sukkur IBA University w.e.f 2005 to 2020

Year	Computer Science
2005-06	204
2006-07	218
2007-08	271
2008-09	280
2009-10	345
2010-11	264
2011-12	263
2012-13	336
2013-14	450
2014-15	490
2015-16	527
2016-17	554
2017-18	545
2018-19	809
2019-20	1039



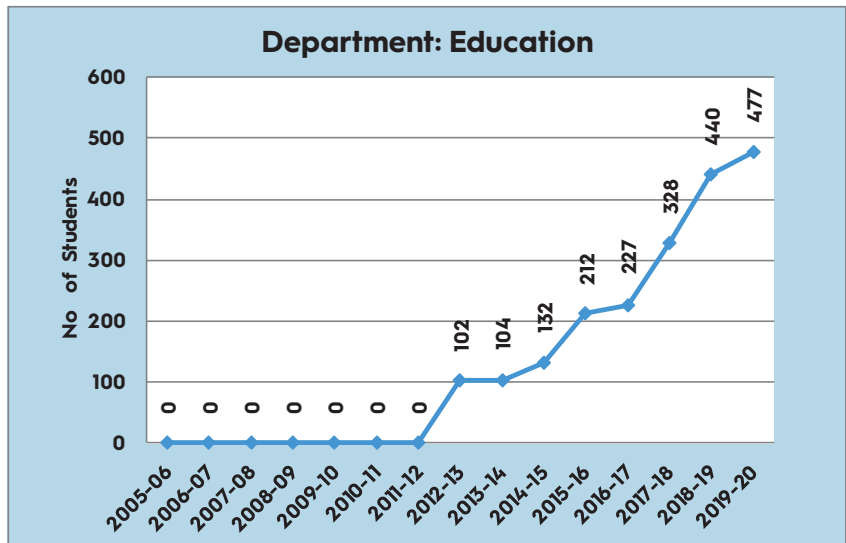
Enrolled Candidates at Sukkur IBA University w.e.f 2005 to 2020

Year	Electrical Engineering
2005-06	7
2006-07	16
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
2016-17	718
2017-18	876
2018-19	975
2019-20	1020



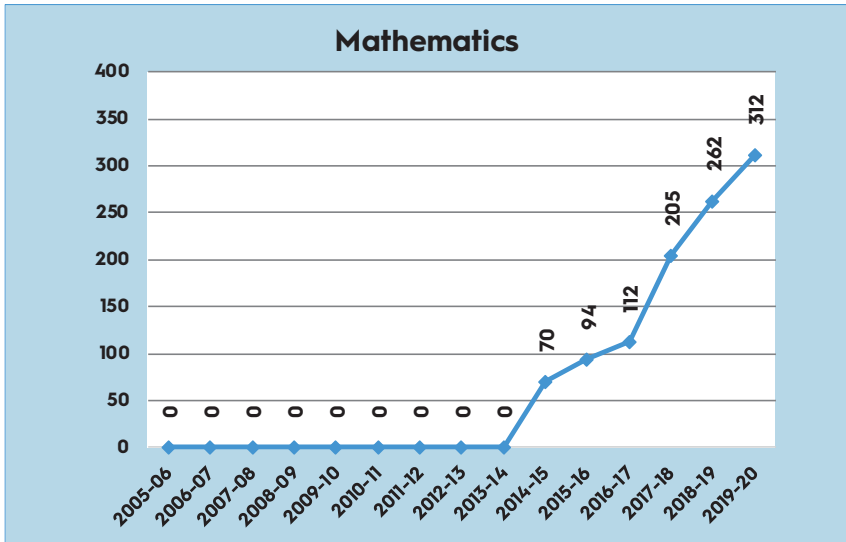
Enrolled Candidates at Sukkur IBA University w.e.f 2005 to 2020

Year	Education Management
2005-06	0
2006-07	0
2007-08	0
2008-09	0
2009-10	0
2010-11	0
2011-12	0
2012-13	102
2013-14	104
2014-15	132
2015-16	212
2016-17	227
2017-18	328
2018-19	440
2019-20	477



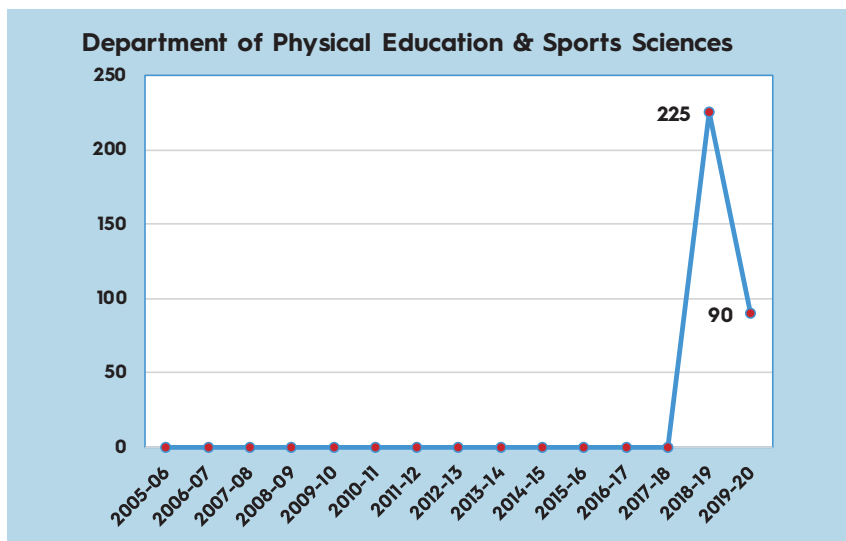
Enrolled Candidates at Sukkur IBA University w.e.f 2005 to 2020

Year	Mathematics
2005-06	0
2006-07	0
2007-08	0
2008-09	0
2009-10	0
2010-11	0
2011-12	0
2012-13	0
2013-14	0
2014-15	70
2015-16	94
2016-17	112
2017-18	205
2018-19	262
2019-20	312



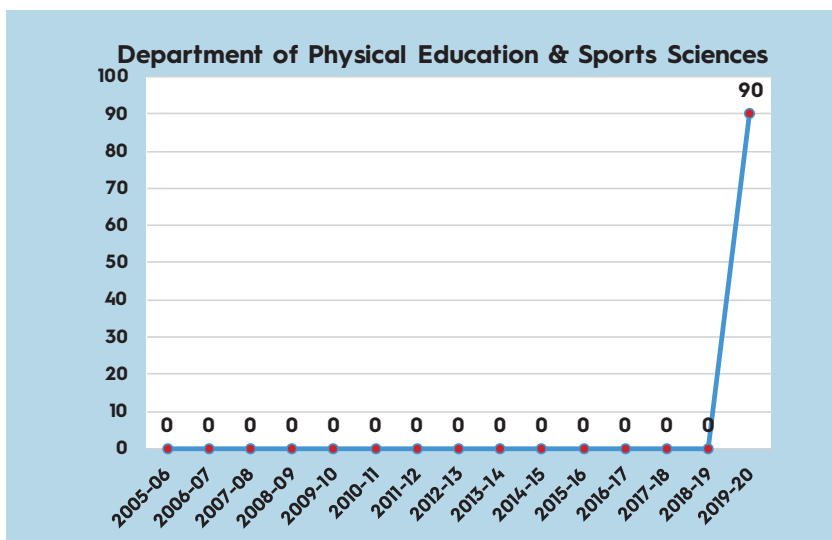
Enrolled Candidates at Sukkur IBA University w.e.f 2005 to 2020

Year	Physical Education
2005-06	0
2006-07	0
2007-08	0
2008-09	0
2009-10	0
2010-11	0
2011-12	0
2012-13	0
2013-14	0
2014-15	0
2015-16	0
2016-17	0
2017-18	0
2018-19	225
2019-20	90



Enrolled Candidates at Sukkur IBA University w.e.f 2005 to 2020

Year	Media and Communication
2005-06	0
2006-07	0
2007-08	0
2008-09	0
2009-10	0
2010-11	0
2011-12	0
2012-13	0
2013-14	0
2014-15	0
2015-16	0
2016-17	0
2017-18	0
2018-19	0
2019-20	90



Students Enrollment at Sukkur IBA during the Year 2013-14

Name of Teaching Department	Strength (2013-14)				Total
	Bachelor	Master	M.Phil/MS	PhD	
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)				Total
	Bachelor	Master	M.Phil/MS	PhD	
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)				Total
	Bachelor	Master	M.Phil/MS	PhD	
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

Students Enrollment at Sukkur IBA during the Year 2016-17

Name of Teaching Department	Strength (2016-17)				Total
	Bachelor	Master	M.Phil/MS	PhD	
Business Administration	1290	379	137	19	1825
Foundation Semester	400	143	0	0	543
Computer Science	347	0	51	6	404
Foundation Semester	150	0	0	0	150
Electrical Engineering	533	0	0	0	533
Foundation Semester	185	0	0	0	185
Education	170	0	17	0	187
Foundation Semester	90	0	0	0	90
Mathematics	40	0	42	0	82
Foundation Semester	30	0	0	0	30
Total	3235	522	247	25	4029

Students Enrollment at Sukkur IBA during the Year 2017-18

Name of Teaching Department	Strength (2017-18)				Total
	Bachelor	Master	M.Phil/MS	PhD	
Business Administration	1644	262	238	39	2183
Foundation Semester	438	0	0	0	438
Computer Science	326	0	60	9	395
Foundation Semester	150	0	0	0	150
Electrical Engineering	568	0	108	0	676
Foundation Semester	200	0	0	0	200
Education	201	0	42	0	243
Foundation Semester	85	0	0	0	85
Mathematics	109	0	43	3	155
Foundation Semester	50	0	0	0	50
Total	3771	262	491	51	4575

Students Enrollment at Sukkur IBA during the Year 2018-19

Name of Teaching Department	Strength (2018-19)				Total
	Bachelor	Master	M.Phil/MS	PhD	
Business Administration	1511	145	202	46	1904
Foundation Semester	440	0	0	0	440
Computer Science	587	0	66	6	659
Foundation Semester	150	0	0	0	150
Electrical Engineering	628	0	147	0	775
Foundation Semester	200	0	0	0	200
Education	291	0	59	0	350
Foundation Semester	90	0	0	0	90
Mathematics	167	0	32	3	202
Foundation Semester	60	0	0	0	60
Physical Education & Sports Sciences	195	0	0	0	195
Foundation Semester	30	0	0	0	30
Total	4349	145	506	55	5055

Students Enrollment at Sukkur IBA during the Year 2019-20

Name of Teaching Department	Strength (2019-20)				Total
	Bachelor	Master	M.Phil/MS	PhD	
Business Administration	1713	103	173	52	2041
Foundation Semester	581	0	0	0	581
Computer Science	634	0	113	5	752
Foundation Semester	287	0	0	0	287
Electrical Engineering	689	0	146	5	840
Foundation Semester	180	0	0	0	180
Education	281	0	73	0	354
Foundation Semester	123	0	0	0	123
Mathematics	219	0	40	3	262
Foundation Semester	50	0	0	0	50
Physical Education & Sports Sciences	50	0	0	0	50
Foundation Semester	50	0	0	0	50
Media & Communication	40	0	0	0	40
Foundation Semester	50	0	0	0	50
Total	4947	103	545	65	5660

CHAPTER 6

UNIVERSITIES BUILDING ECONOMIES

**CAREER DEVELOPMENT CENTER (CDC)
INDUSTRY-ACADEMIA LINKAGES
UNIVERSITY ADVANCEMENT**

Chapter: 06

UNIVERSITIES BUILDING ECONOMIES

Career Development Centre (CDC)

Career Development Centre at Sukkur IBA University focuses to facilitate that students and alumni of Sukkur IBA University through Students and Alumni Affairs Office and Students Financial Aid and University Advancement Office, which are the main component of CDC along with Marketing, Outreach, Public Relations and Communications verticals.

The role of Career Development Centre is to position Sukkur IBA University by articulating a clear image and Mission, establishing deep and long-lasting relationships with our students, alumni, donors, parents and community at large.

Students & Alumni Affairs (SAA) Office

The Students & Alumni Affairs (SAA) office of Career Development Centre (CDC) at Sukkur IBA University, provides a wide range of services and programs to help students and alumni grow personally and professionally.

Students & Alumni Affairs (SAA) office mainly facilitates for seeking internship and employment opportunities for its students and alumni. It also serves as a bridge between the Alumni and the University. Each year, various organizations are invited to participate in Career Fair, where students and graduates of the university get a chance to interact with representatives of major private/public sector organizations.

This office also works to promote student activities that enhance the quality of learning. One way to achieve this is by providing necessary assistance to the student clubs/societies/chapters to organise their events and activities. This opens an opportunity to the students to invite our Alumni to come and share their experiences.

Following are major services offered by the Students & Alumni Affairs Office

- Career Counselling & Development Programs
- Skill Development Workshops
- Study Tours
- Alumni Registration & Database Management
- Alumni Engagement Activities
- Annual Alumni Reunion
- Facilitation in Degree & Transcript Issuances
- Alumni Cards and Benefits
- Alumni Scholarship Program
- Alumni Guest Speaker Session
- Coordination with Sukkur IBA Student Council (SISC)

Industry-Academia Linkages & Placements:

The industry-academia partnership primarily helps universities to align their curriculum with industry requirements. It also helps students by preparing them in advance to take the real-world challenges head on, as they join the corporate sector. Industrial Linkages and Placements Office of Career Development Center at Sukkur IBA University nurtures a healthy industry-academia relationship to sustain the growth of the industry and enhance the contribution of academia. This office works to assist students in choosing the internships and processing job applications which best suits the area of specialization of students.

Following are major services offered by the Industrial Linkages & Placement office

- | | |
|--|--|
| <ul style="list-style-type: none"> • Career Counselling • Awareness Sessions • Guest Speaker Sessions • Internships • Final Year Projects • Graduate Directory • Job Fair • Recruitment Drives | <ul style="list-style-type: none"> • Job Placements • Employer Feedback • Assisting in Jobs Applications • Jobs Postings and Announcements • Resume Collection and Distribution • Self-Assessment Tests • Job Search Techniques and Strategies • Preparing for Job Tests |
|--|--|

Career Development Center

CDC Data for Annual Report July-2019 to June-2020

S#	Detail	Numbers
1	Students Placed on Internships	248
2	Internship Feedbacks	109
3	Alumni Feedbacks	40
4	Final year Projects	10
5	Students Placed FYPs	30
6	Campus Recruitment Drives	2
7	Career Opportunities Announced	115
7	Resumes Shared with Employers	2079
8	Skill Development Workshops	8
9	Alumni participated in Alumni Reunion of Business Administration Department	350

Some of Sukkur IBA University's corporate partners are:

Securities and Exchange:

Central Depository Company, Pakistan Stock Exchange, NAFA Funds, UBL Funds Managers, Baig Securities (Pvt)Ltd.

Fast Moving Consumer Goods Sector:

Nestle Pakistan, Unilever (Pvt) Ltd, Engro Corporations, Colgate Palmolive, Reckitt Benckiser, P&G, Abudawood, Iffco

Oil & Gas Sector:

OGDCL, PSO, PPL, Taj Corporation, SSGC, Parco, Shell, MPCL

Telecommunication:

U-Fone, Zong, Jazz, Telenor, PTCL, VIVO, Wateen, ZTE, Huawei

Banking Sector:

State Bank of Pakistan, National Bank, United Bank Ltd, Meezan Bank Ltd, Bank Alfalah 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, JS Bank Ltd. Mobilink Microfinance Bank, Telenor Microfinance Bank, Sindh Bank.

Food & Beverages:

Continental Biscuits Ltd, Pepsi-Sukkur Beverages, Sukkur Beverages, Gul Bottlers, Coca Cola Company Pakistan Limited, English Biscuit Manufacturers Pvt. Ltd, Engro Foods, National Foods (Pvt) Ltd, KFC, McDonalds, Pizza Hut, Shan Foods, Gourmet. Meezan Beverages, Tapal Tea.

Pharmaceuticals:

Sanofi Aventis, GSK, Martin Dow and Tariq Nazir, Abbott & Co., Bayer Pharma

Packaging and Supply Chain:

Packeges, Treet, Supply Chain Emirates

Others:

House of Habib, Fatima Fertilizer, Fauji Fertilizer, SRSO, SEF, Sukkur Blood, RBC, British Council, Fatimid, Sapphire, Jaffer Brothers, Jumani Group of Companies, Gul Ahmed (Ideas), Oxford University Press, Borjan, SEPCO, FESF, Contact Plus, The Blue Dot, OMD, Manhattan, SoL, Funverks, COMSATS, MEPCO, SEPCO, Philip Morris International, Ghouri's and many more

Students Financial Aid and University Advancement

Sukkur IBA University's mission is to serve the community and it has been trying its utmost since its inception to live by its mission. The Students Financial Aid office of Career Development Center believes that financial constraint should not be a limitation for deserving and meritorious students of Pakistan in accessing the higher education.

This office assists students in terms of financial assistance through, fees deferment, installments, students loans and various scholarships on need and merit basis. SFAO guides students for all the available financial aid options including various scholarships and assists them in thoroughly from application submission to interview processes.

Following are major services offered by the Financial Aid Office:

- Awareness Sessions
- Scholarships
- Fees Installments
- Fees Deferments
- Students Loans
- Applications Assistance
- Stipend Disbursements

Scholarships and Financial Assistance are offered to Students:

Sukkur IBA University 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 vision of national development.

1	Oil & Gas Development Company Limited
2	USAID Funded Merit & Needs Based Scholarship Program
3	Ehsaas Undergraduate Scholarship
4	HEC- Needs Based Scholarship Program
5	Sindh Endowment Fund Scholarship Program
6	Punjab Educational Endowment Fund
7	LU - Continental Biscuit Ltd Scholarship Program
8	SSGC Scholarship Program
9	SANA FAME Scholarship Program
10	Uch Power Limited Scholarship Program
11	Thar Foundation Scholarship
12	Mari Petroleum Company Limited
13	Hidayat Jumani Scholarship Program
14	Ayesha Memon, Abdul Fatah Memon, Ali Raza Memon, G.M Qureshy Scholarship Program
15	Late Haji Muhammad Yaqoob Bachani Scholarship Program
16	Khairpur District Poverty Cum Merit Scholarship
17	District Zakat & Ushr Committee Merit Scholarship
18	Institutional Merit & Needs Based Scholarship
19	Professional Education Foundation
20	Balochistan Educational Endowment Fund
21	Pakistan Bait ul Mal Scholarship
22	Scotland Pakistan Scholarship for women
23	Ministry of Religious Affair- Minority Scholarship

Mentioning new initiatives during the year, Sukkur IBA University signed Scholarship MoUs with Pakistan Bait ul mal and British Council.

Moreover Sukkur IBA University has become unique University of Pakistan in providing 300 fully funded scholarships to talented and needy students from nook and corner of Pakistan; during academic year 2019-20 Sukkur IBA University marked another success story by signing agreement with Oil and Gas Company Limited for National Talent Hunt Program. The project of National Talent Hunt Program 2019 has total budge of Rs: 370.550 million out of which OGDCL would be sharing 212.332 million.

MoU of Sukkur IBA University with Thar Foundation signed a memorandum of understanding for Strengthening Industry-Academia relationship, where both institutions pledged to work together for the development and betterment of education in the region. According to the MoU Thar Foundation awarded 06 scholarships for the students of District Tharparkar. Besides this, Financial Aid office has also arranged the sponsorships of various events including national and international conferences, career fair and business idea competitions etc.

CHAPTER 7

DEVELOPMENT PROJECTS OF SUKKUR IBA UNIVERSITY



Development Projects of Sukkur IBA University

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

Sno.	Name of Projects	Amount in Millions
(A) HEC Sponsored Projects		
1	Up-Gradation and Strengthening of Essential Facilities at Sukkur IBA	900.493
2	Establishment of Science Labs and Creative Art Centre at Sukkur IBA	637.974
Total Cost		1538.467
(B) Sindh Govt Sponsored Projects		
1	Extension of Education & Allied Facilities at Sukkur IBA & IBA Community College Khairpur	1300.00
2	Installation of Solar System and LED Lights at Sukkur IBA	257.234
3	Strengthening of Sukkur IBA (Revised)	819.777
4	Up gradation of IT Institute as IT College Khairpur	417.512
5	Establishment of Benazir Bhutto Shaheed Institute of Management Science Dadu (Revised)	1191.979
6	Establishment of Five IBA Community Colleges	750.844
7	Establishment of Fabrication (FAB) Lab at IBA-Institute of Emergent Technology (IET) College Khairpur	78.737
Total Cost		4816.08
Grand Total Rs.		6354.55

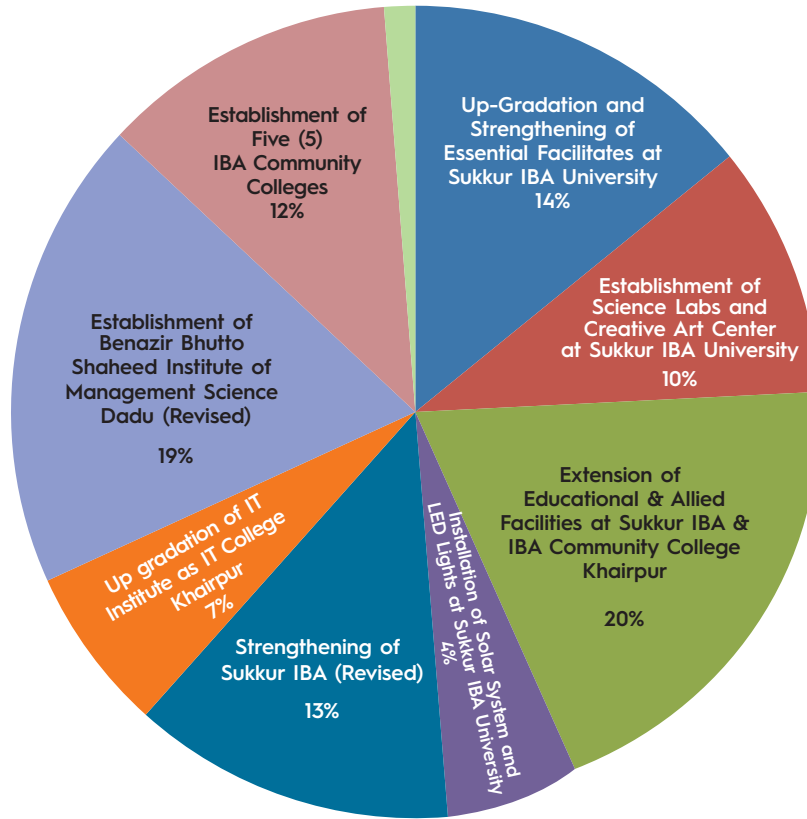
Development Projects

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

S. #	Head of Account	Amount in Rs. Million
1	Up-Gradation and Strengthening of Essential Facilities at Sukkur IBA	900.493
2	Establishment of Science Labs and Creative Art Centre at Sukkur IBA	637.974
3	Extension of Educational & Allied Facilities at Sukkur IBA & IBA Community College Khairpur	1,300.00
4	Installation of Solar System and LED Lights at Sukkur IBA	257.234
5	Strengthening of Sukkur IBA (Revised)	819.777
6	Up gradation of IT Institute as IT College Khairpur	417.512
7	Establishment of Benazir Bhutto Shaheed Institute of Management Science Dadu (Revised)	1191.979
8	Establishment of Five IBA Community Colleges	750.844
9	Establishment of Fabrication (FAB) Lab at IBA-Institute of Emergent Technology (IET) College Khairpur	78.737
Total Amount Rs.		6,354.55

Development of Sukkur IBA

Establishment of Fabrication (FAB) Lab at IBA-Institute of Emergent Technology (IET) College Khairpur1%

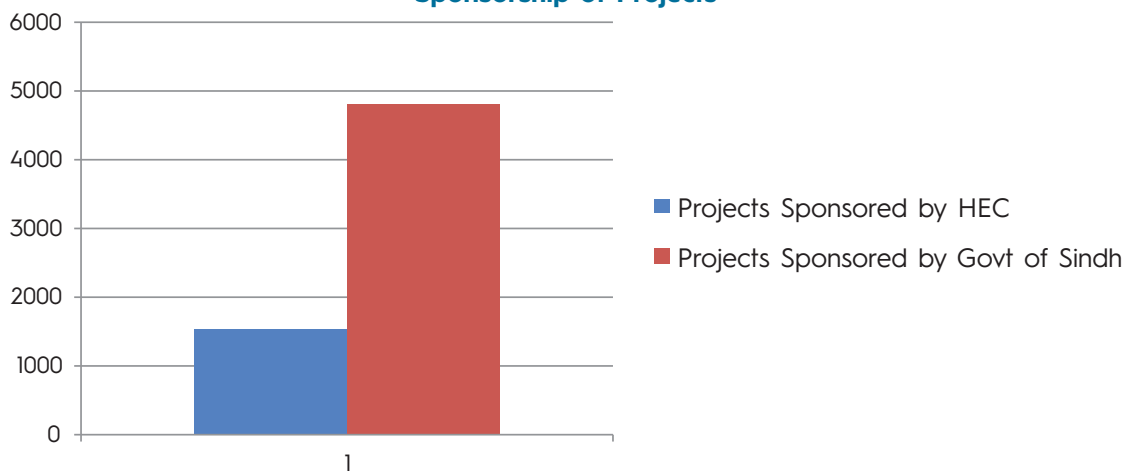


Sponsors of Development Projects

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

S. #	Name of Projects	Amount in Rs. Million
1	Projects Sponsored by HEC	1538.467
2	Projects Sponsored by Govt of Sindh	4816.083
Total Amount Rs.		6354.55

Sponsorship of Projects



CHAPTER 8

STRENGTHENING TECHNOLOGICAL INFRASTRUCTURE

**ENTERPRISE RESOURCES
PLANNING (ERP)
PEOPLESOFT HUMAN
CAPITAL MANAGEMENT (HCM)
PEOPLESOFT FINANCIAL &
SUPPLY CHAIN MANAGEMENT (FSCM)**



Chapter: 08

Strengthening Technological Infrastructure

Rapid Response to COVID 19 pandemic by running online classes

Year 2020 was started with the pandemic of COVID 19 that reshaped the whole world, many of the businesses were moved to online. Sukkur IBA University with the support of ICT department also provided its rapid response to the pandemic by moving from offline mode to online mode. Software like Zoom Meeting and Microsoft MS Teams were introduced at Sukkur IBA with the technical support of and trainings by ICT Team. Classes were taken using live and interactive Zoom sessions as well as making lecture videos and sharing them with students. All activities were carried out using Learning Management System (Moodle) where faculty members shared the course materials and conducted online exams as well. ICT Team also provided its continuous LMS Training and support to faculty members and students. ICT Team was declared as essential staff and provided their non-stop support even during the peak time of COVID 19 by working from their homes and on sites as well.

Development of Grading Portal for Students and Faculty Members

With the shift from offline mode to online mode of classes, the Assessment and Grading policy was remodeled. In conjunction with that ICT department developed a Grading portal application to facilitate students in selecting whether they want to freeze the semester, withdraw course, select Pass/Fail Grade, or select incomplete grade by their own choice.

Edx and Coursera Courses Offered during COVID 19

Due to COVID 19 pandemic, many top online academic organizations like Coursera & edX offered their courses to the academic institutions around the world to fill the academic gap during global lockdown and support remote learning. In this regard, ICT Team got access to edX Remote Access Program with the help of HEC Pakistan. This access included 5000 edX coupon codes to do any 5000 courses (each costing up to \$500) on edX. Further, ICT Department got access to Coursera for Campus program directly from Coursera, which included access to more than 3700 courses to each student.

Courses Details at Coursera	
Arts and Humanities	226 courses 4 Specializations
Business	152 courses
Cloud and IT	85 courses
Computer Science	132 courses
Data Science	153 courses
Engineering & Physical Sciences	56 courses
Healthcare	271 courses
Professional Development	125 courses
Technology	51 courses
Learners Stats at Coursera	
INVITATIONS SENT	3,289
LEARNERS JOINED	2,279
ENROLLED LEARNERS	987

Up-gradations Campus Management 9.0 to 9.2

ICT department successfully upgraded the Campus solution from 9.0 to 9.2. This up gradation was performed due to support expiry of Windows platforms 2003 32 bit and security vulnerabilities due to unsupported old platforms. New version provided following benefits to the users of ERP.

- Improved user interface (fluid interface) with Tiles
- User Friendly Navigations that directly lead to the operations that user performs
- Improved and latest internal architecture of Campus solution ERP
- New Features/Modules like Research, FYP and Thesis Tracking, Academic Advisement, Graduation process
- Implementation of SSL

With the up gradation of CMS from 9.0 to 9.2, all the related applications were also upgraded like

- CMS Mobile App
- Up-graduation of student portal
- Up-graduation of Faculty Evaluation Reports for Quality Enhancement Cell of SIBAU
- Up gradation of faculty attendance posted reports for audit department

Installation of Iris Biometric Machines for Employees' attendance

Due to expected COVID infections by using touch based verification of thumb impression, ICT department got the new biometric machines installed at different locations of Sukkur IBA University for employee's attendance that identified the person by reading their IRIS instead of thumb impression. Replacement of fingerprint biometric attendance device with Iris based biometric attendance device to avoid COVID 19 spread for essential staff during suspension period of classes and for all during session opening.

Introduced Tableau, a top Business Intelligence System

ICT Department started using one of the world's top rated business intelligence and interactive data visualization platform, Tableau. This transformed the way the top management of Sukkur IBA University interprets the insights on students' performance, faculty evaluation, and research and performance appraisal.

Development of new HR Recruitment Portal for Job Applications

ICT Department developed a new in house developed recruitment portal with admin panel and applicant panel for the job creation, application submission and document verification tasks.

Website designed and developed of 1st Student National congress on Educational Sciences December 2019

<http://sneces.iba-suk.edu.pk/>

ICT Department conducted training of newly hired faculty members on the following ERP and LMS Software in the start of 2020

PeopleSoft FSCM, PeopleSoft HCM, PeopleSoft CMS, and Learning Management System (LMS)

ICT support for ERP and other software applications

ICT provided continuous on site as well as remote support for different ERP applications deployed at Sukkur IBA like

- PeopleSoft Campus Management Solution (CMS)
- PeopleSoft Financials and Supply Chain Management System(FSCM)
- PeopleSoft Human Capital Management System (HCM)
- Learning Management System (Moodle)
- Turnitin (Plagiarism Checking Software)
- E-Timetable application (dashboard free/busy classrooms, free/busy teachers, current classes)
- Development and maintenance of old and new departmental websites (iba-suk.edu.pk)
- Biometric Employees' attendance machines (with TimeTrax application)
- Girls Hostel Check in Check out system (girls check in or out of the hostel, alert is sent to the guardians)
- Virtua Library Management System (book issuance/return, books cataloguing)
- Dspace Digital Library (for ebooks)
- Sukkur IBA Email and SMS Notification Services (integrated with all ERP, Virtua, TimeTrax, Girls hostel check in check out system, HR Recruitment Portal and more).
- CMS Andriod App (students grades, attendance, enrollment and CGPA)

Deployment of Cisco Nexus Switch

Our ICT Department always looks for advancement in the Datacenter. Similarly, ICT team has deployed Cisco Nexus series switches which is modular and fixed port network switches designed for the data center. It has NX-OS firmware/operating system on the fabric. Further it has the following advance switching features.

- Resiliency.
- Modularity.
- Virtualization.

- Flexibility and scalability.
- Unified data center operating system.
- Robust and rich feature set with a variety of Cisco innovations.
- Comprehensive security, availability, serviceability, and management features.

Mirpurkhas Campus Network Deployment

As Sukkur IBA University expanding its horizon similarly our ICT Department is playing its role to provide advance technology to existing as well as newly established campus. As ICT Team has deployed complete advance Cisco Routing and Switching including Wi-Fi and Telephone setup at Mirpurkhas campus.

CCTV Setup in SIBA Testing Service

Our ICT Team has installed CCTV Surveillance Setup at various Sindh Government Tests. Whereas, Team has installed more than 300 CCTV Cameras at multiple test centers in Sindh.



CHAPTER 9

UNIVERSITIES BUILDING COMMUNITIES

**SINDH & NATIONAL
TALENT HUNT PROGRAMS
SHORT TERM INTERVENTION
IBA COMMUNITY COLLEGES
LONG TERM INTERVENTION
FUNCTIONS OF IBA COMMUNITY COLLEGE**





Introduction

Access to Quality Higher Education - A problem faced by youth of Pakistan

Higher Education Commission Pakistan's vision 2025 sets a daunting target of 15% youth access to higher education by 2025. Low access to higher education is mainly because of the rural-urban divide in diverse populations of Pakistan. The youth living in urban areas enjoy state-of-the-art educational facilities whereas, their rural counterpart has acute dearth of basic facilities. Our rural youth suffers from dual poverty, an academic poverty which is result of poor schooling and financial poverty that is because of limited opportunities in small cities/villages. This is an alarming situation and on top of this the students that are enrolled and do study through the system seldom perform well. The situation, in the province of Sindh is even worse where, students from rural schools are the ones who suffer most and generally are excluded from further studies due to factors they don't have control over.

Enterprising initiatives by Sukkur IBA University

Sukkur IBA University 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 Programs (THP)**
- Long term intervention in shape of **IBA Community Colleges**

Sindh Talent Hunt Program

As a measure of short term intervention that would create an immediate impact, Sukkur IBA University planned a unique comprehensive remedial education plan called the "Talent Hunt Program (THP)". The philosophy of the talent hunt program is "access to all", basically due to poor schooling and education system of the province. The students who seek admission for higher studies in reputed universities of the country face two challenges - first, they are unable to clear the entrance exam of good universities. Second, even if they clear through smart measures and somehow clear the entrance exam, they hardly survive tough grading standards of good universities. Under the STHP, students are admitted after their grade 12 education in a six-month program to be rigorously trained by qualified faculty of the university in core subjects like English, Mathematics and Computer.

Under this program, Sukkur IBA University charges no tuition fees from students and provides them with free accommodation, transport, books and stipend. Every student who is selected in THP and maintains a CGPA of 3.0 under the program would be provided free education, books, and accommodation for the entire duration of the degree program. The main purpose of this program is to lay foundation of students on sound basis in basic courses like, English, mathematics, and computers. In addition, science, social sciences and business subjects are also taught according to the needs of the students. We can now statistically prove from the past experiences that the program has indeed been very effective and has produced the intended results which we desired from this short-term intervention leading to a conspicuous success. Talent Hunt Program initially focused on students from Sindh. Since its

initiation in 2007, the program was supported by Community Development Program, Government of Sindh for three years and later on was continued by Sukkur IBA University on its own.

National Talent Hunt Program

Realizing the dire need of ensuring increased access to higher education in Pakistan, Sukkur IBA

University and Oil & Gas Development Company Limited launched a country-wide annual OGDCL National Talent Hunt Program in the year 2016 with an aim to attract underprivileged but talented students having passed grade 12 to prepare them for higher education through a zero/foundation semester and providing them with fully funded scholarship for undergraduate degree programs. Like STHP, the national talent hunt program has been appreciated by the community and government. More than 6000 candidates applied for the program in the year 2016 from all parts of the country. Of them, 381 candidates were selected on the basis of merit cum poverty in zero semester. In the year 2017, second phase of the program was launched. During second phase, more than 7000 students applied. Of them, about 400 students were offered admissions on the basis of test scores and poverty. In 2018, for third batch 309 students joined the program. In total, around 1440 students have taken benefit from this fully-funded scholarship program.

Community Colleges and Government Schools

Although, both Sindh Talent Hunt Program and National Talent Hunt Program have proved to be working brilliantly and have empowered the youth to acquire quality higher education without worrying about the financial burden, it is still a reactive approach. We go for remedial actions after the damage has already been caused by poor schooling system, Sukkur IBA University decided to take a proactive approach i.e. 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 twofold 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 accessible to all at the core of the program. Sukkur IBA University 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.

Vision of IBA Community Colleges/Schools

To bridge the gap between urban and rural communities by ensuring accessible and affordable high quality (Primary and Secondary) education and Vocational/technical training programs using modern teaching-learning methods for students of rural communities.

Mission of IBA Community Colleges/Schools

IBA Community Colleges are to be leading institutes in academic and vocational /technical programs, characterized by continuous improvement, innovation, and community responsiveness. We visualize a future where quality education is accessible and affordable for all.

Concept of IBA Community Colleges/Schools

The concept of community colleges in the United States developed in the early 20th century. These colleges are publicly-funded and offer facilities for Higher Education/training according to the needs of local community. Around 60 countries have adopted community college model. Prominent among them are: Turkey, Singapore, Jordan, India, Australia, and Canada. Sukkur IBA University is pioneering the Community Colleges in Pakistan. IBA Community Colleges and Schools in our context focus on basic, technical and vocational education having four core functions and different programs as given in figure 1, figure 2 and figure 3.

Figure 01. Concept of IBA Community Colleges/Schools

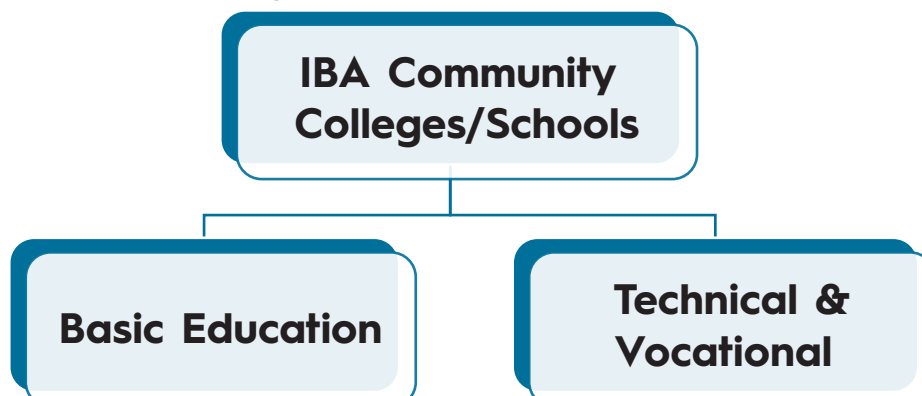
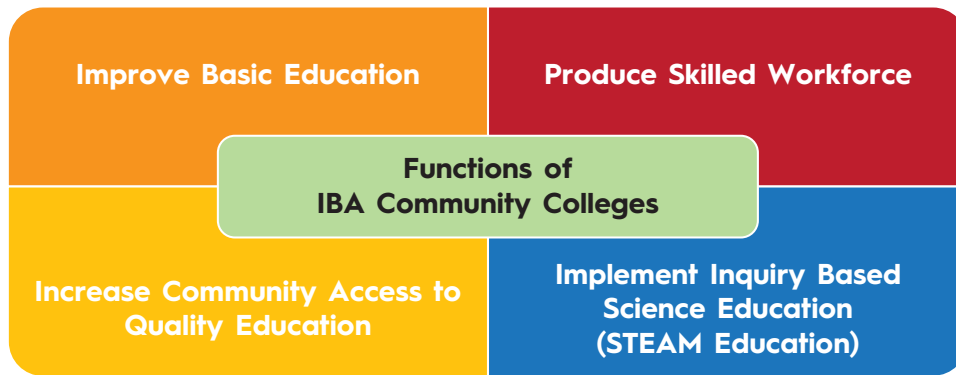


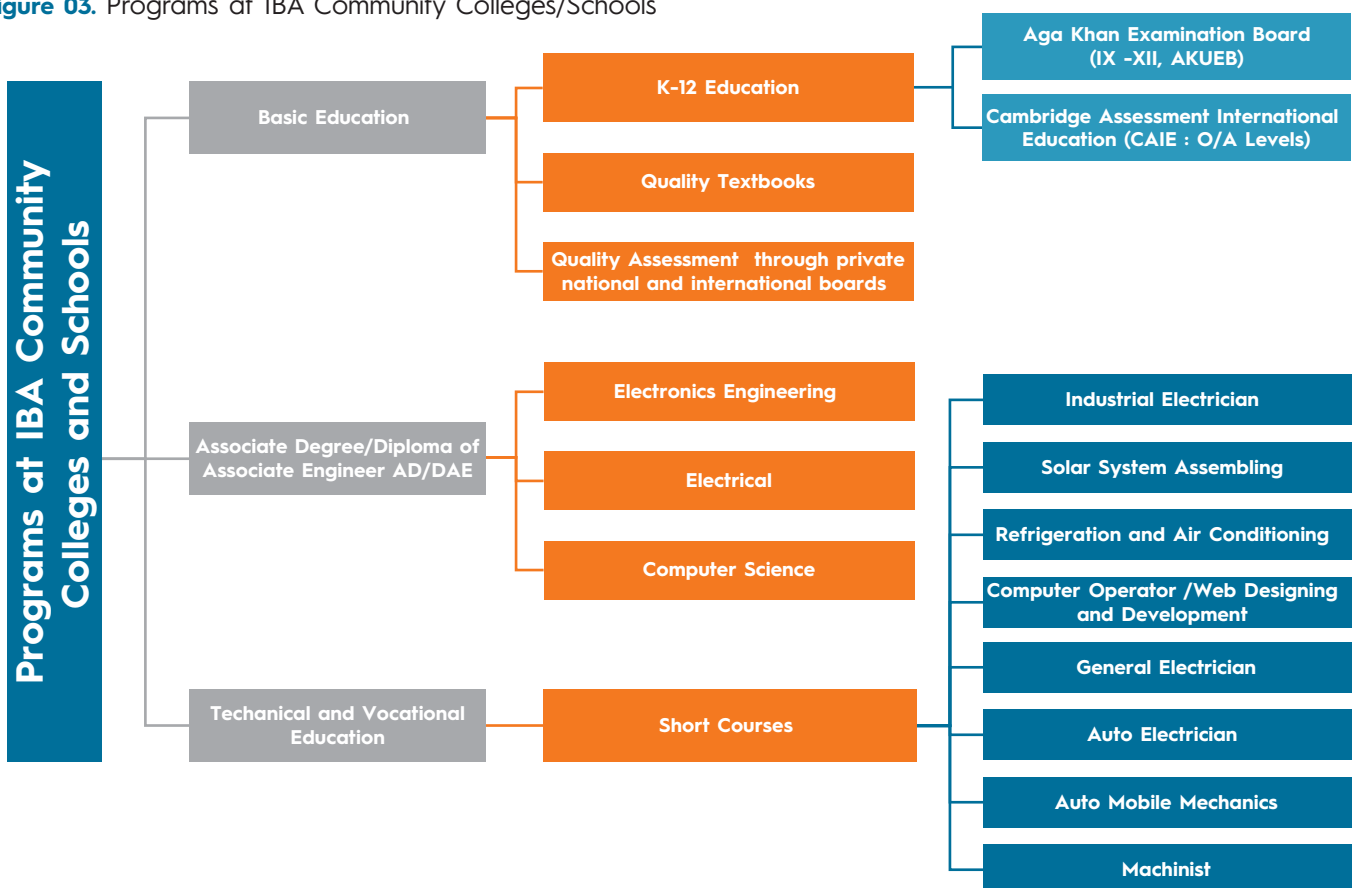
Figure 02. Functions of IBA Community Colleges and Schools



Programs at IBA Community Colleges/Schools

IBA Community Colleges and Schools provide Technical and Vocational Education including Associate Degree /Diploma of Associate Engineer and Basic Education as given in figure 03

Figure 03. Programs at IBA Community Colleges/Schools



Concept of Basic Education at IBA Community Colleges/Schools

Since the concept of IBA 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 Nursery to grade 12. This will ensure that students need no more remedial education. The graduates of IBA Community Colleges with grade 12 certificates 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 IBA Community Colleges/Schools

- 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.
- To establish successful models of quality and affordable education in the country.
- To uplift the quality of life of the community through quality education

Following IBA Community Colleges/Schools have been established;

- ✓ IBA Community College, Khairpur
- ✓ IBA Community College, Dadu
- ✓ IBA Community College, Naushahro Feroze
- ✓ IBA Community College, Jacobabad
- ✓ IBA Public School Sukkur
- ✓ IBA Community College Ubauro
- ✓ IBA Islamia Public Higher Secondary School Ghotki
- ✓ IBA Public School Larkana
- ✓ IBA-District Montessori School Shikarpur
- ✓ IBA Public School Hyderabad

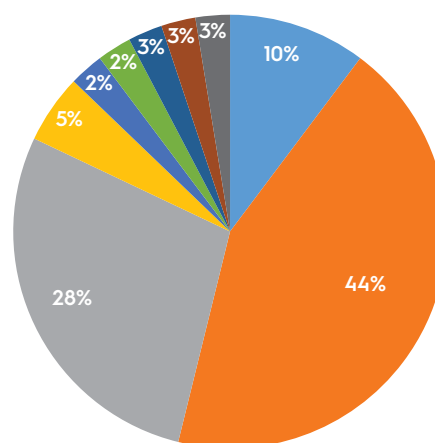
In addition to these IBA Community Colleges and Public Schools, Sukkur IBA University has adopted 29 government schools under the public private partnership, where the quality education is being imparted at par with IBA Community Colleges. These schools have been equipped with modern science laboratories, computer labs and the libraries. Moreover, they have been provided with meritorious staff. The details of Number of students. Staff/faculty and IBA Community Colleges/schools is provided in table 01, 02 and figure 04.

Table 01. Number of students and faculty/staff at IBA Community Colleges and Schools

IBA Community Colleges and Government Schools	Total students enrolled	Total Faculty employed	Total Staff employed
Total Number	26365	1043	763

Table 02. Statistics of IBA Community Colleges & Schools District Wise, Sindh Pakistan

S.No	Location (District Wise)	Number
1	Khairpur	04
2	Sukkur	17
3	Larkana	11
4	Ghotki	02
5	N.Feroze	01
6	Jacobabad	01
7	Dadu	01
8	Shikarpur	01
9	Hyderabad	01
Total		39



Role of University 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 University, we strive to create a value that consists of economic, social and leadership components. Thus, the outcome of all these activities are 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 University 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.
- MoU with Johnson Community College USA
- Partnership with ECO Science Foundation for Capacity Building of Teachers and Students.

Quality Assurance at IBA Community Colleges/Schools

To ensure the quality of education state of the art facilities have been provided to the schools and teachers are supported with regular Continuous Professional Development (CPD) activities based on their needs and 21st century skills. Additionally, there are inbuilt quality assurance mechanisms at IBA Community Colleges. One of the major approaches is the affiliation of IBA Community Colleges with private boards such as Aga Khan University Examination Board (AKU-EB) and Cambridge Assessment International Examination (CAIE), where our students win positions and

outstanding grades every year. Our students and teachers experience international face to face and virtual participation in international events in partnership with our national regional and international partners.

Continuous Professional Development (CPD) of Faculty and Staff

A. Leadership Continuous Professional Development (CPD)

A five-day training for the principals/heads, section heads and academic coordinators of IBA Community Colleges and Government Schools (Managed by Sukkur IBA University) was organized from July 24 to 28, 2019. The main objectives of the training were to:

- establish a school development & management plan.
- enhance organizational thinking of the participants.

The training also covered different aspects of development such as "7 habits of highly effective people", child rights, role & responsibilities of heads & section heads, communication with schools' stakeholders and more.

B. Summer Professional Development Training (CPD)

Sukkur IBA University organized a six-day Summer Professional Development (CPD) training held from July 17- 22, 2019 for the teachers of Government Schools (Managed by Sukkur IBA University) and IBA Community Colleges & Schools. The objectives of training were to:

- enhance the teachers' content knowledge
- advance the pedagogical skills of teachers.

The core subjects of the training was to develop the content and pedagogy of Teachers in the areas of English, Mathematics, Physics, Chemistry, Biology, and Social Studies. Around 300 teachers of Governments Schools and IBA Community Colleges participated in the training.

STEM Education Exhibitions and Participation

A. Science Exhibition

Annual Science Exhibition 2020 was organized by Directorate of IBA Community Colleges and Schools on January 16, 2020. Fifteen schools & colleges across Sindh participated in the Science Exhibition. Students had the exposure to Inquiry Based projects made by young scientists. To promote scientific thinking among students teachers and communities science exhibitions are organized in all schools and Community Colleges. Shields and certificates were also distributed among the winning hands.



B. Participation of Students in Drone Summer Camp 2019

The Department of Electrical Engineering, Sukkur IBA University organized the first session of first ever Drone Summer Camp in Pakistan from August 21 to August 24, 2019 at Sukkur IBA University. Students of 12 schools including IBA Community Colleges and Schools from all over Sindh participated in the camp. The major objectives of this unique summer camp were to:

- Promote STEM education among schools and college students,
- Teach them the concepts of STEM using the latest drone technology.

The second camp was also planned to be scheduled in winter having focus on Drones and Robotics



Continuous Professional Development (CPD) Trainings of Teachers

A. Hands on Mathematical Kits

One day workshop on “Introduction to Hands on Mathematical Kits” was organized by the Directorate of IBA Community Colleges and Schools at Sukkur IBA University held on January 14, 2020. Dr. Javed Hussain Brohi, HoD Mathematics Department Sukkur IBA University facilitated interactive workshop having twenty five (25) teaching faculty specialized in Mathematics subjects from all IBA Community Colleges and Schools. The workshop was full of learning, enthusiasm and innovative approaches based on 21st century mathematical concepts according to reflections of workshop participants.



B. Training on Artificial Intelligence

The Electrical Engineering Department of Sukkur IBA University in collaboration with the Directorate of IBA Community Colleges and Schools organized a three-day training from January 30, 2020 to February 01, 2020 on Artificial Intelligence (A. I.) for the faculty of IBA Community Colleges and Schools. CEO of USA Ready Artificial Intelligence A. I. Mr. Roozbeh Aliabadi interacted and appreciated the active inclination of teachers towards Artificial Intelligence. Teachers reflected that it is learning and fun together while interacting the A. I. orientations with COZMO Robots. Prof. Nisar Ahmed Siddique, Vice Chancellor Sukkur IBA University along with, Mr. Noor Hussain, Director IBA Community Colleges and Schools and Mr. Faheem Akhtar, HoD Electrical Engineering Department, Sukkur IBA University emphasized teachers to implement AI practices into their schools /colleges with heart and soul as to develop Pakistan in terms to next level of its growth and sustainability through modern technology



C. Digital Continuous Professional Development (DCPD) Trainings

During and Post COVID-19, IBA Community Colleges and Schools have shifted face to face classes fully online by using different teaching -learning platform having formal timetable. Teachers were continuously provided professional development trainings having focus on 5js (Job related, just enough, just in time, just in case and just try it) professional model of teacher education especially on integrating Google Classroom, Zoom and Microsoft teams into teaching and learning process by making it contextual and flexible for teachers and students.



International Collaboration

A. MoU of Sukkur IBA University and ECOSF 2020

A Memorandum of Understanding (MoU) was also signed between Sukkur IBA University (SIBAU) and ECO Science Foundation (ECOSF) in Collaboration with BRISECC 2020 during a 5-day workshop organized by the Directorate of IBA Community Colleges and Schools, Sukkur IBA University on Capacity Building of teachers related to "Inquiry-Based Science Education" (IBSE) in Pakistan under the framework of the Belt and Road International Science Education Coordinating Committee (BRISSECC) in collaboration with ECOSF from January 20-24, 2020. Trainers from Sukkur IBA University, ECOSF and delegation from China (Prof.Ye Zheoning and Ms Yang Feng) built the capacity of teachers from all Pakistan specifically teachers form Pakistan Atomic Energy Commission (PAEC), Cantt/Garrison Schools, Thar Education Alliance, Dawood Public School, IBA Community Colleges and Schools. The workshop was commenced by Chairman High Education Commission (HEC) of Pakistan Dr Tariq Banuri. In his opening remarks, Dr. Tariq Banuri appreciated SIBAU and ECOSF for capacity building and promotion of STEM activities in the ECO region including Pakistan.



CHAPTER 10

UNIVERSITIES BUILDING LEADERSHIPS

CONVOCATION 2020
SIBA STUDENT COUNCIL



July 06, 2019

Sukkur IBA University Participated in MAPS Education Expo 2019



Sukkur IBA University participated in the MAPS Education Expo 2019 held at Hotel Desert Palm, Rahim Yar Khan, on July 06, 2019. The team of Educational Counsellors provided on-desk career counselling to students and entertained all the queries presented by the Expo attendees.

Free CSS Awareness Seminar – 2019



Sukkur IBA University Executive Development Center has successfully completed one more jam-packed CSS Awareness Seminar and we were overwhelmed with your outstanding response and huge participation.

During this Seminar, Director EDC, Prof. Dr Altaf Hussain Samo opened the house with his very informative welcome address, which was followed by an inspiring session conducted by none other than Prof. Ghulam Hussain Manghar.

The seminar escalated its momentum when our CSS Program Coordinator and Former DC Sukkur Dr Waheed Asghar joined the stage and conducted his 360° comprehensive session on CSS Exam.

Later on, ADC Larkana, Mr Rana Adeel, ADC Nawabshah, Mr Waseem Hamid, AC Daharki, Mr Usman Abdullah and newly appointed CSP Mr. Zarar Khan took to stage and inspired all the aspirants by sharing their personal struggles, techniques, and methodologies.

Interestingly, we were graced when VC, Sukkur IBA University, Prof. Nisar Ahmed Siddiqui visited the seminar along with his fellow seasoned CSPs.

SUKKUR IBA UNIVERSITY

One of them is Secretary Universities, Mr. Muhammad Riazuddin, who encouraged the efforts of EDC, Sukkur IBA University for the promotion of Civil Services and motivated the aspirants.

This all-inclusive and thorough festival of learning and inspiration concluded on a never-ending Q/A session.

We wish all the very best to all the aspirants who attended this seminar. See you next time.

Dawn Sindh Education Expo 2019 - Hyderabad Chapter



Sukkur IBA University participated in the Dawn Sindh Education Expo 2019 held at Indus Hotel, Hyderabad, from July 06 to July 07, 2019. Our team of Educational Counsellors provided on-desk career counselling to students and entertained all the queries presented by the attendees.

July 08, 2019

SIBAU Students Nominated for Award by USAID PRP Scholarship



Four students of the Education Department of Sukkur IBA University were awarded Viper Z07 tablets for their performance in their degree program. The tablets were awarded for achieving the highest scores in their degree program. The ceremony took place on July 08, 2019 and was hosted by USAID PRP.

The students that received the tablets included Ms Shafque Naz, Ms Sadaf Rahooja, Ms Rabia Shaikh, and Mr Jai Parkash.

July

July 01, 2019

SIBAU Takes Another Step Towards Internationalization



Prof. Nisar Ahmed Siddiqui, VC Sukkur IBA University, visited LUISS Guido Carli University, Rome.

During his visit, he met Mr Andrea Prencepe, Rector; Mr Raffaele Marchetti, Deputy Rector Internationalization, and Ms Daniela Di Cagno, Director of Behavioral Economics Laboratory.

Sukkur IBA University and LUISS agreed to launch "a bachelor's degree leading to a master's degree". Further, both universities have agreed for student and faculty exchange. Five students from Sukkur IBA University will come for study exchange at LUISS (starting from Jan 2020) and three professors from LUISS will visit Sukkur IBA University in Jan 2020.

Prof. Nisar Ahmed Siddiqui also met Prof. Daniela Di Cagno, Director of Behavioral Economics Lab. Both Labs are going to collaborate and jointly conduct research in the field of experimental economics.

Sindh Education Foundation English Teachers Training – Khairpur



In connection with our ongoing mega project to train 4000 Teachers of Sindh Education Foundation, Sukkur IBA Executive Development Center successfully completed 15 Days Training for English Language Teachers in district Khairpur. On the past day of Training, Director EDC, Prof. Dr Altaf Hussain Samo visited IBA Community College Khairpur to distribute certificates among successful trainees. In addition, he appreciated the efforts of Master Trainers in training the participants and also encouraged participants for successfully completing this training with zeal and zest.

July 03, 2019

CEL&Inc. incubated I2P a new startup at Sukkur IBA University

IDEA TO PRODUCT

MISSION
To transform the innovative idea into the product that is fit for use

I2P
IDEA TO PRODUCT

SERVICES

- ➔ Web Development
- ➔ Mobile App Development
- ➔ Cloud Hosting Services
- ➔ Recommender Systems
- ➔ AI Based Mobile app Development

PRODUCTS

- Smart Clinic
- Point of Sale System
- School Management System
- QR Attendance
- Biometric Attendance
- Library Management System
- Learning Management System

0300-8318021
0333-3459860
/i2product

Sukkur IBA University has successfully incubated another local entrepreneurial venture. The start-up is i2P (Idea to Product). They are offering various services in soft development (web/mobile/cloud etc.).

July 05, 2019

5-Day Training on "PSS(R)E V34.5.1 Software"



The Electrical Engineering Department, Sukkur IBA University organized 5-day training on "PSS(R)E V34.5.1 Software" from 1st July to 5th July 2019.

The trainer, Engr. Hemant Parkash - Power System Consultant, Siemens PTI Karachi, conducted the training sessions on the topics such as Load Flow Analysis, Short Circuit Calculations and Dynamic Stability Analysis. The training was highly interactive and informative, and the participants were awarded with certificates

July 09, 2019

Dawn Sindh Education Expo 2019 - Sukkur Chapter



Sukkur IBA University participated in the Dawn Sindh Education Expo 2019 held at Hotel One, Sukkur, on July 09, 2019.

Our team of Educational Counsellors provided on-desk career counselling to students and entertained all the queries presented by the attendees. The chief guest for the event, Vice Chancellor Sukkur IBA University, Prof. Nisar Ahmed Siddiqui, visited the stalls at the Expo and encouraged all the attendees and participants to further the cause of education in Pakistan, and especially in Sindh.

July 11, 2019

American Board Certification Orientation for Teachers



The Education Department of Sukkur IBA University, in collaboration with American Board for Certification of Teacher Excellence, conducted an orientation workshop for Teacher Certification for the teachers of community colleges & public schools, along with the final year students of B.Ed. on July 11, 2019.

The orientation was started with the recitation of the Holy Quran. After that Director Community Colleges, Mr Noor Hussain Shar, addressed the participants. He reiterated the importance of the role of teachers and how teachers need to prepare the youth as global citizens for the 21st century who should be striving to achieve big goals.

Later, Mr Sharik Zamir took to the stage to explain in detail the importance of teacher certification, the process that American Board offers the certification through and the benefits that it has to offer to Sukkur IBA University and the community of Pakistan.

The participants were then taken to lab where Mr Sharik Zamir helped the participants get acquainted with the certification's testing process.

Workshop on Scientific Computing on GPU: A Hands-on Approach



The Department of Mathematics & Social Sciences of Sukkur IBA University organized a four-day workshop on "Scientific Computing on GPU: A Hands-on Approach" from July 08 to July 11, 2019.

The trainers were Dr Imran Ashraf, Department of Computer Science & Engineering, HITEC University, Taxila; and Dr Hyder Ali Muttaqi Shah, Department of Mathematics & Social Sciences, SIBAU. The workshop included comprehensive practical exercises to help the participants use GPU for scientific computations.

The closing ceremony for the workshop took place on July 11, 2019. Registrar Sukkur IBA University, Engr Zahid Hussain Khand, handed the shields and certificates to organizers and participants respectively.

July 12, 2019

Certificate Distribution - Skills Development Program (Batch-VII)



To encourage and appreciate the efforts of our brilliant students of 3 Months Skill Development Program (Batch-VII), Executive Development Center, Sukkur IBA University arranged a very happy Certificate Distribution Ceremony.

Director EDC, Prof. Dr Altaf Hussain Samo greeted all the alumni with his welcome note and highlighted the value of learning through these short courses. Later on, Dr Altaf along with our senior faculty member Mr Saqif Ansari, Assistant Professor EDC, awarded certificates to all the successful students.

We wish all of them a brighter future and progressive career.

Sukkur IBA University Business Plan Boot-Camp



CEL&Inc. Sukkur IBA University (SIBAU) organized SIBAU 2nd Business Plan Boot Camp on 11th and 12th July 2019. The Boot Camp was aimed to develop a bankable business plan so that participants could secure finance from venture capitalists and from financial institutes. During the Boot Camp participants developed business plans, financial statements and support documents and pitched the idea. One on one coaching and continuous review and recommendations were also the part of Boot Camp. In the end participants received business plans, pitching decks and certificates. The occasion was graced by worthy Vice Chancellor Prof. Nisar Ahmed Siddiqui.

(Day 1)

https://www.facebook.com/pg/CELInc.SIBAU/photos/?tab=album&album_id=2857584467591685&_tn_=-UCH-R

(Day 2)

https://www.facebook.com/pg/CELInc.SIBAU/photos/?tab=album&album_id=2865054633511335&_tn_=-UCH-R

Inauguration Ceremony of Academic Block-III



The Academic Block III of Sukkur IBA University was inaugurated by chief guest and president of Pakistan People's Party, Mr. Bilawal Bhutto Zardari, on July 13, 2019.

Asifa Bhutto Zardari; Chief Minister Sindh, Mr Murad Ali Shah; MNA, Syed Khurshid Ahmed Shah; MPA, Syed Nasir Hussain Shah; Commissioner Sukkur, Mr Rafiq Ahmed Burriro were also among the guests present at the event. After the inauguration ceremony, the guests visited the block and the various laboratories their.

Addressing the audience gathered to

welcome him, the chief guest, Mr Bilawal Bhutto Zardari, expressed his joy at seeing the infrastructure of the university and said "it is so fulfilling to see that the institute that my mother, Shaheed Benazir Bhutto, laid the foundation of, has grown into this great university which is competing against not only the best universities in Pakistan but against world standards". He said that our country needs many more institutions like Sukkur IBA University and asked for the full support of the youth to fulfill the vision held by Quaid-e-Azam Muhammad Ali Jinnah.

Hanns Seidel Foundation Delegation Visited Sukkur IBA University



Mr Andreas Duerr, Director Pakistan Office Hanns Seidel Foundation, along with renowned intellectual of Pakistan, Mr Jami Chandio, visited Sukkur IBA University on July 13, 2019.

The purpose of the visit was to discuss future collaboration between Sukkur IBA University and Hanns Seidel Foundation. The delegation had a productive meeting with Vice Chancellor, Prof. Nisar Ahmed Siddiqui. Later, the delegation visited the campus. They appreciated the efforts of Sukkur IBA University in uplifting education standards of the country.

July 18, 2019

5G Talent Ecological Development Workshop



Huawei in collaboration with HEC conducted "5G Talent Ecological Development Workshop" on July 18, 2019. Sukkur IBA University, being Huawei Authorized Information and Networking Academy, participated in this workshop remotely through Video Conferencing Facility at its campus. The one-day workshop was focused on revolutionizing new technologies and helped the participant students acquire knowledge about updated technologies from international experts.

July 19, 2019

Workshop on PSS(R)SINCAL Software



The Electrical Engineering Department of Sukkur IBA University organized a 5-day training on "PSS(R)SINCAL Software" from July 15 to July 19, 2019.

The trainer, Engr. SM Jahangir Haider, Power System Consultant, Siemens PTI Karachi; conducted the training sessions on topics including Load Flow Simulation, Short Circuit Simulation, Protection Simulation, Dynamic Stability Simulation and more. The training was highly interactive and informative, and the participants were given away certificates.

MoU Signing Between Sukkur IBA University and SZABIST Larkana



The department of Business Administration, Sukkur IBA University, and SZABIST Larkana Campus signed a Memorandum of Understanding (MoU) on July 23, 2019.

The memorandum was signed by HoD Business Administration Department, Dr Niaz Ahmed Bhutto, and SZABIST Larkana Head of Campus, Dr Zahida Abro. The key strategic objective of this MOU is to establish a strong collaboration among both parties. Under the MoU, both institutions will focus on sharing knowledge, collaboration in research & development, and collaboration in community service-related projects among other things.

July 26, 2019

Self-Development Workshop for Public School Sukkur Employees

A one-day workshop was organized on self-development through "Seven Habits of Highly Effective People" for the employees of IBA Public School Sukkur on July 26, 2019.



The workshop was facilitated by Dr Waheed Umrani, Assistant Professor, Sukkur IBA University. More than 80 participants attended the workshop including faculty members and management staff of IBA Public School Sukkur.

July 27, 2019

MoU Signing Between SIBAU & American Board Certification (ABCTE)



A Memorandum of Understanding (MoU) was signed between Sukkur IBA University and American Board for Certification of Teacher Excellence (ABCTE) on July 27, 2019. The MoU was signed by Vice Chancellor Sukkur

IBA University, Prof. Nisar Ahmed Siddiqui, and Mr. Iffikhar Qadar Khan, VP Business Development ABCTE.

Under the MoU, both organizations will collaborate for the certification of the teachers of IBA Community Colleges and students of B.Ed.

During the meeting, officials from both the organizations discussed the current progress made and the orientation that was recently held for the certification aspirants. They also discussed strategies for the implementation of the whole process.

AUGUST

August 03, 2019

Business Administration Department Study Tour 2019



Career Development Center (CDC) organized a 7-day long study trip for the students of Business Administration Department which took off on August 03, 2019. The graduating students (from Bachelors to Post Doc) were scheduled to visit 8 different companies relevant to their majors. They visited MPCL, Ministry of Finance, OMD, and Group M and plan on visiting Mari Gas, OGDCL, Ufone, Telenor, and Parliament. Later, they were taken to Northern areas for recreational activities in order to enhance team-building and leadership abilities.

The students are being accompanied by four faculty members, Dr. Khalil Ahmed Channa, Dr. Faheem Gul Ghilal, Dr. Ruksana Gul Ghilal, and Mr. Muzammil Sattar

August 05, 2019

Capacity Building Training for Salehpat Teachers - CSR Activity



Sukkur IBA University has always contributed and served the community by imparting knowledge and supporting local communities through several interventions.

In this connection, Executive Development Center (EDC), Sukkur IBA University took another step towards community service as its Corporate Social Responsibility by providing training to the local Female Teachers of Salehpat Taluka of Sukkur.

Main purpose of this CSR activity is to produce quality teachers for remote areas of Salehpat Taluka. After a thorough analysis, 15 females were selected from rural area of Salehpat for this 15-days subject-based training.

These 15 females are going through intensive subject-based training in English, Mathematics and Science along with blend of modern teaching pedagogy.

August 06, 2019

Pre-Induction Learning Module for New Faculty - Conclusion



The 03-Week series of learning and development sessions under "Pre-Induction Learning Module" for newly hired and junior faculty of SIBAU concluded on August 06, 2019, with 02-day workshop on "the Art and Science of Assessment & Assessment Strategies" facilitated by Mr Kashif Sohail, Consultant and Master Trainer, Institute of Professional Development, International Islamic University, Islamabad.

While wrapping up the 3 weeks program, the Registrar, Engr Zahid

Hussain Khand, maintained that we must adopt the syllabus, pedagogies and assessment strategies of 21st Century in order to produce 21st century graduates equipped with skills required by modern Industries/workplaces.

Before the certificates distribution ceremony, the Vice Chancellor, Professor Nisar Ahmed Siddiqui, in his message to new joiners said that we must work with a definite purpose in our mind, stay firm with an unshakable belief and conviction in our principles and a clear vision in view.

All of the trainees praised the program for being a career transforming experience and highly useful for shaping their teaching practices in higher education environment.

August 08, 2019

Mr. Iqrar Ul Hassan Visited IBA-IET Khairpur Campus



Mr Iqrar Ul Hassan, a famous host and media personality, visited IBA Institute of Emerging Technologies Khairpur Campus as a part of Sindh Tour. He was received by Director IET Khairpur Dr Samar Raza Talpur. He was taken on campus tour and he showed his special interest in Fabrication Lab at the campus. He had brief interaction with faculty and students as well and exchanged pleasant words. He was overall very impressed with the level of education, infrastructure and efforts put in by IET team in particular and Sukkur IBA University at large in uplifting standards of education in Sindh. He also had dinner with faculty and director at campus and departed with a promise of revisiting soon.

August 13, 2019

SIBAU Participated in Academy of Management Conference 2019

Dr. Waheed Ali Umrani, Assistant Professor, Department of Business Administration, Sukkur IBA University, presented findings of two research articles at Academy of Management



Conference (AOM) 2019 at Boston, USA, on August 13, 2019.

AOM is the highest body publishing world's leading research in Management Sciences.

Sukkur IBA University appreciates and fully supports its faculty and staff to further the culture of research.

August 14, 2019



A very happy Independence Day from Sukkur IBA University's side to you!

August 22, 2019

Conference on Friends of Silk Road

District Administration Sukkur, in collaboration with Pakistan-China Institute, organized a one-day conference on "Friends of Silk Road" on August 22, 2019 at Sukkur IBA University.



H.E. Wang Yu, Consul General of People's Republic of China; Senator Mushahid Hussain, Chairman PCI; Syed Khurshid Shah, MNA; Nisar Ahmed Khuhro, MPA; Prof. Nisar Ahmed Siddiqui, Vice Chancellor SIBAU; Mayor Sukkur Barrister Arslan Shaikh; Dr Jameel Ahmed, AIG Sukkur, delegation from Chinese Consulate and people from all walks of life participated in the conference.

The conference was focused around CPEC and Pak-China friendship. The speakers discussed the progress made, the impact CPEC has had on both the countries, the current on-going projects, and the future projects planned under CPEC. The conference ended with a Q&A session

Plantation Drive - Making Pakistan Greener



Continuing the national spirit of making Pakistan greener, Vice Chancellor Sukkur IBA University, Prof. Nisar Ahmed Siddiqui, initiated another plantation drive on August 22, 2019.

Vice Chancellor planted trees in the nearby vicinity of Sukkur IBA University. On the occasion, he reiterated the importance of taking care of the environment and playing our collective parts in making our environment cleaner and greener.

August 24, 2019

Summer Drone Camp 2019 - Session One



The Department of Electrical Engineering organized the first session of first ever Drone Summer Camp in Pakistan from August 21 to August 24, 2019.

Students of 12 schools from all over Sindh participated. The aim of this unique summer camp is to promote STEM education among school and college level students, and teach them the concepts of STEM using the latest drone technology.

August 30, 2019

Kashmir Solidarity Walk - Sukkur IBA University Chapter



Sukkur IBA University participated in the nation-wide walk that happened to show solidarity with Kashmir and to protest the on-going injustices by India on Kashmiris, on August 30, 2019.

The event started by playing the national anthem of Pakistan and Kashmir. Vice Chancellor Sukkur IBA University, Prof. Nisar Ahmed Siddiqui, on the occasion talked about the need for student body to progress and prosper as that is the only way for Pakistan to prosper and stand proud while supporting Kashmir.

Registrar Sukkur IBA University, reiterating the case made by Vice Chancellor, said that Pakistan is very lucky to have 60% of its population the youth, and as such, the youth need to come forward and focus on innovation and technological advances to strengthen Pakistan in the 21st century.

After the speeches, a large number of faculty members, administrative staff, and students participated in the

solidarity walk.

Research Seminar at Sukkur IBA University



The Department of Education, in collaboration with HEC Pakistan, organized a Research Seminar on August 30, 2019.

The event started with Dr Irfan Rind, Associate Professor Sukkur IBA University, presenting his research & findings on the topic "Understanding the Epistemology and Metacognition of Science Teachers and the Impact of These on Their Implementation of Inquiry-Based Teaching", which was followed by a Q&A session.

Later, Ms Unaeza Alvi, Assistant Professor Sukkur IBA University, chaired a panel discussion. The panelists included Dr. Muhammad Babur, Dr Severine Minot, Dr Razia Fakir Muhammad, Dr Zafarullah Sahito, Dr Khalil Ahmed Channa, and Dr Syed Hassan Shah. The discussion revolved around epistemology & metacognition in the Pakistani & South Asian context. The discussion was much appreciated by the audience.

SEPTEMBER

September 06, 2019

Pakistan Defence Day



NFL Organizational Understanding - an Interactive Session



Representatives from National Foods Limited, including Mr. Saad Umar, Asst Manager Talent Acquisition, and Mr. Najaf Raoun, HRBP Plant Operations & alumnus Sukkur IBA University, had an interactive session with students of Sukkur IBA University on September 06, 2019.

The session was organized by Career Development Center (CDC) to give students a chance to interact with industry professionals and get training on effective CV writing & interview preparation techniques. The guests talked about various aspects of the recruitment process and how to improve one's chances at getting hired. The students were also introduced to the available positions & recruitment opportunities of National Foods.

Both the guests also conducted one-on-one counselling sessions with the students along with mock interviews.

September 08, 2019

2-Day Training on Data Analysis using Python



Executive Development Center (EDC) in collaboration with Center for Robotics, Artificial Intelligence and Blockchain (CRAIB), Sukkur IBA University successfully concluded our first-ever 2-Day training on Data Analysis using Python at IBA Public School, Hyderabad.

During this rigorous 2-day training, our curious minds were introduced with Data Visualization using Matplotlib and Seaborn python libraries and Machine Learning using SKlearn Python library. They also generated various graphs such as Heat Maps,

Box Plots, Histograms, Scattered charts etc. Specifically, in Machine Learning, they implemented Regression, Classification and clustering Algorithms.

This extensive learning experience concluded on the certificate distribution to the successful participants in the presence of Director EDC, Prof. Dr Altaf Hussain Samo, Director CRAIB & Lead Trainer Dr Ghulam Mujtaba Shaikh and Principal IBA Public School Hyderabad Mr Imran Larik.

September 13, 2019

International Programmers' Day Celebration at SIBAU



ACM Student Chapter Sukkur IBA University and Department of Computer Science jointly celebrated International Programmers' Day 2019 on September 13, 2019.

International Programmers' Day is celebrated on 256th Day i.e. 13th of September every year across the world, the day is intended to celebrate to honor the programmers of the world.

The celebration started with opening note from HoD Computer Science, Dr. Ahmad Waqas, followed by a cake cutting ceremony. The event was attended by faculty and students of Computer Science department and ACM Chapter Members.

September 17, 2019

Awareness Session about "Plastic Pollution"



Green Office Initiative, in collaboration with Go Green Society, organized an awareness session about "Plastic Pollution" on September 17, 2019.

The session was started by the recitation of Holy Qur'an. Ms Tabassum, AM Safety and Environmental Sustainability, then took to the stage to give a presentation about the affect plastic pollution has on he environment and the extent of the problems caused by such doings

In his concluding remarks, Dr Niaz Ahmed Bhutto, HoD Business Administration, conveyed the importance of practising environment friendly behavior. The audience also took an oath to reduce their plastic use to bare minimum and stop waste. The ceremony was concluded with the distribution of cloth bags among the audience.

Sukkur IBA University has totally banned the use of plastic bags on-campus and encourages everyone to take the practice home as well

September 22, 2019

OGDCL National Talent Hunt Program 2019 - Admission Test



Sukkur IBA University successfully conducted the admission test for its fully-funded scholarship OGDCL National Talent Hunt Program 2019 on September 22, 2019.

Nearly 8000 applicants attempted the test.

September 26, 2019

15th SAMF 2019 - Welcome Dinner



15th South Asian Management Forum started with a welcome dinner organized in honor of Foreign delegates and participants arrived to attend the event on 26th September 2019

Dr Ishrat Hussain Visited Sukkur IBA University



The Advisor to Prime Minister for Institutional Reforms & Austerity, Dr Ishrat Hussain, visited Sukkur IBA University on September 26, 2019.

Upon his arrival, Dr Ishrat was shown around the campus by Vice Chancellor, Prof. Nisar Ahmed Siddiqui, and Registrar, Engr Zahid Hussain Khand. After visiting the campus, he joined the guest delegation for 15th South Asian Management Forum (SAMF) in meeting room, where Dr Sher Daudpota, Director QEC, briefed everyone about the various initiatives taken by Sukkur IBA University

Day 1-15th SAMF 2019 at Sukkur IBA University



South Asian Management Forum (SAMF) is organized by Association of Management Development Institutions of South Asia (AMDISA) by rotation in all SAARC countries. This year, the 15th SAMF was organized by Sukkur IBA University, with collaboration of AMDIP and UMT. The theme was "Challenges of Inclusive Growth and Sustainability: The South Asian Context".

Delegates from various countries including Sri Lanka, Maldives and many more participated. Deans, directors and vice chancellors from reputable institutes of Pakistan also participated in the Vice Chancellor Forum and discussed the role of AMDISA and AMDIP in inclusive growth and business education.

Syed Qaim Ali Shah, former Chief Minister of Sindh graced the occasion as Chief guest. Dr Ishrat Hussain (Advisor to Prime Minister), Prof. Lakshman R Watawala (past president AMDISA), Dr Farrukh Iqbal (chairman NBEAC & Director IBA Karachi), Mr

Ravi Bamunusinghe (management consultant, PIM Sri Lanka), Dr Tughral Yamin (associate dean, CIPS NUST) Mr Shaifque Ahmed, Commissioner Sukkur and other dignitaries from all walks of life attended the event.

Certificate Distribution for "Mastering Python" Workshop



The certificate distribution ceremony for the five-week workshop "Mastering Python" organized by Computer Science department of Sukkur IBA University took place on September 28, 2019.

The chief guest, Vice Chancellor, Prof. Nisar Ahmed Siddiqui, distributed certificates to the participants that had joined Sukkur IBA University for this workshop from universities all over Pakistan.

OCTOBER

October 02, 2019

3-Day Training Of BISP



Benazir Income Support Program (BISP) organized 3-Day training program on "Reconstructed Operational Guidelines and Revised Job Descriptions" at Sukkur IBA Executive Development Center for Sukkur, Larkana and Shaheed Benazirabad Division.

On the day of certificate distribution ceremony, Dr Tanveer Kiyani, Director Training Wing BISP invited Mr Abdul Raheem Shaikh, DG BISP (Sindh) and Prof. Dr Altaf Hussain Samo, Director EDC as a Chief Guest.

Director EDC, Prof. Dr Altaf Samo welcomed the management of BISP through interactive welcome note and briefed on several ongoing Initiatives under the umbrella of EDC, Sukkur IBA University.

DG BISP was impressed by the state-of-art facilities and learning

environment provided at the Sukkur IBA University.

Later on Mr Abdul Raheem Shaikh, DG BISP (Sindh) along with Director EDC and Director Training Wing BISP distributed certificates among successful participants.

Huawei ICT Roadshow at Sukkur IBA University



Department of Computer Science and Huawei conducted ICT Roadshow on October 02, 2019.

The event was supported by ACM Sukkur IBA chapter and Computer Society -SISC.

Engr. Zahid Hussain Khand welcomed the guest and encouraged the students for active participation. Dr Ahmed Waqas, HoD CS, motivated the students to achieve skill-based learning.

October 07, 2019

MoU Signed Between Pakistan Bait-ul-Mal & Sukkur IBA University



A delegation from Pakistan Bait-ul-Mal, headed by Managing Director Pakistan Bait-ul-Mal, Mr Aon Abbas Buppi, visited Sukkur IBA University on October 7, 2019.

The delegation was briefed about the various initiatives taken by Sukkur IBA University by Dr Sher Daudpota, Director QEC. After the briefing, the delegation was taken on a campus tour where they visited the different facilities of the university.

After the tour, Mr Aon Abbas Buppi and Prof. Nisar Ahmed Siddiqui signed the memorandum of understanding (MoU) that would grant 50 scholarships for the students of Sukkur IBA University. Mr Aon Abbas Buppi also interacted with the students and answered their questions during the ceremony.

Last, in spirit of the green initiatives taking place at Sukkur IBA University, Mr Aon Abbas Buppi planted a tree in Sukkur IBA University.

Session on Relationships between Interest Rate & Exchange Rate



Sukkur IBA Discussion Forum organised speaker session on Relationships between Interest Rate & Exchange Rate. Mr Abdul Basit Bhatti (Lecturer, Sukkur IBA University) spoke about: How combination of fiscal and Monetary play a role in managing interest rate & exchange rate in Pakistan and what Japanese government did when they faced a situation of nearly zero interest rate, a situation of liquidity trade. Where students participated in huge numbers and Dr Niaz Ahmed Bhutto (HoD Business Administration) highlighted the need for such sessions in educational institutions.

October 08, 2019

Peace & Integrity Walk at Sukkur IBA University



The Youth Integrity Club and Character Building Society of Sukkur IBA University, in collaboration with Together for Tolerance and Young Peace & Development Corps (YPDC), organized a "Peace & Integrity Walk" on October 08, 2019.

The walk was the event launch of the annual flagship event of Youth Integrity Club, Tameer-e-Kirdaar. Registrar, Engr. Zahid Hussain Khand, addressed the students and employees at the walk, and emphasized the importance of integrity in day-to-day conduct.

The crowd then marched from Academic Block II to Cafeteria, where the cake-cutting ceremony was held. The event launch also included portrayal by students of many instances of injustices in our society

October 10, 2019

Laptop Distribution Ceremony



Sukkur IBA University organized a laptop distribution ceremony on October 10, 2019.

The awardees included students of Regular Foundation, Sindh Talent Hunt Program, and National Talent Hunt Program that had competed in Book Review Competition and Math Olympiad during their Foundation Semester. More than 30 students were given laptops.

The Vice Chancellor, Prof. Nisar Ahmed Siddiqui, on the occasion addressed the audience. He talked about the importance of utilizing tools to acquire more knowledge. He emphasized that the purpose of such ceremonies is to inspire students to work hard and that these laptops are

merely tools that students need to use to assist them in moving towards a brighter future

SPSC Chairman & Members - Guest Speaker Session



In connection with an ongoing batch of CSS Preparatory Classes Sukkur IBA Executive Development Center - EDC arranged a very informative and productive session of the expert panel comprising Chairman and Members of Sindh Public Service Commission SPSC.

The delegation, specifically, was comprised of Chairman SPSC Mr. Noor Muhammad Jadmani along with Members of SPSC, Mr Syed Abdul Aleem Jafri and Mr Aijaz Ali Khan & Mr Shabbir Shaikh.

Here in EDC, Director EDC, Prof Dr Altaf Hussain Samo, and Former DC Sukkur, Dr Waheed Asghar warmly received our esteemed guests for an exclusive interactive session with our CSS aspirants.

During the session, all the guests interacted with our students and provided them with helpful insights regarding CSS, CCE exams, new syllabus, and several other upcoming opportunities.

Think Tank Meet-Up 2019 at Sukkur IBA University



The Office of Research, Innovation & Commercialization (ORIC) organized the Think Tank Meet-Up 2019 on October 11, 2019. The event was kick-started by Director ORIC, Prof. Dr Pervaiz Ahmed Memon, who shared the research progress of the year 2019. Dr Waheed Ali Umrani shared the learning takeaways from Academy of Management. Dr Ghulam Mujtaba presented the progress made on the front of CRAIB. Dr Khalid Shafi discussed the teaching methodology of Holy Prophet PBUH. Ms Shireen Bhatti discussed regarding wellness programs at Sukkur IBA University. Dr Abdul Qadir discussed the establishment of Physics Department.

The ceremony concluded with Vice Chancellor, Prof. Nisar Ahmed Siddiqui, distributing reward-claim cheques. The participants then headed for dinner.

Pink Ribbon Campaign 2019 at Sukkur IBA University



Go Green Society, in collaboration with Girls Hostel Society, organized Pink Ribbon Campaign Pakistan 2019 on October 16, 2019 at Sukkur IBA University.

HEC, in collaboration with Pink Ribbon Pakistan, celebrates Pink Ribbon Campaign in the month of October in universities and colleges across Pakistan.

Pink Ribbon celebrates Pink Ribbon Campaign, every October to create widespread awareness about Breast Cancer. This campaign is focused on "healthy lifestyle" as maintaining a quality life reduces the risk of breast cancer.

Tameer-e-Kirdaar: A flagship event of YIC & CBS



Youth Integrity Club (YIC), YPDC & Character Building Society (CBS), in collaboration with NAB Sukkur, organized their flagship event "Tameer-e-Kirdaar" on October 17, 2019.

Vice Chancellor, Prof. Nisar Ahmed Siddiqui, spoke in his welcome address about the importance of integrity in not just official dealings but every interaction in day-to-day life. Patron YIC & CBS, Mr. Usama Abdul Rehman, welcomed the audience in his opening remarks and highlighted the endeavors of YIC & CBS. The event also comprised a declamation contest in which students gave speeches on importance of eradicating corruption. A video competition was also conducted.

Director General NAB Sukkur, Mr Mirza Irfan Baig, also addressed the audience. He quoted from the Holy Quran and highlighted the evil bribery is, and how, in the eyes of Islam, both the giver and taker of bribe are equally responsible. He later conducted the oath-taking ceremony of team YIC & CBS. A panel discussion on "Eradicating Corruption at Individual Level" also took place.

In his closing remarks, Registrar, Engr Zahid Hussain Khand, encouraged the students to implement fair practices in their lives. The ceremony ended with shields and certificate distribution among participants and winners of the competitions.

Chief Guest, Mr Mirza Irfan Baig, was also taken on a brief campus tour of Sukkur IBA University

Sukkur IBA University Participated in Lahore Science Mela



Sukkur IBA University and its different institutes and community colleges participated in the Lahore Science Mela held on 12th and 13th October, 2019.

The Mela was held at Ali Institute of Education, Lahore, and was organized by Al-Khwarizmi Science Society Pakistan, with the collaboration of Economic Cooperation Organization Foundation Pakistan and Ali Institute of Education.

Sukkur IBA University Science Team, led by Mr Aijaz Ali Soomro, participated with state-of-the-art and revolutionary ideas.

Attendees, Economic Cooperation Organization Science Foundation Pakistan leadership, and Al-Khwarizmi Science Society Pakistan highly appreciated the innovative and technological aspects of the ideas presented.

Seminar on Islamic Banking and Finance



Department of Business Administration arranged an awareness and information session on Islamic Banking and Finance for the senior batches of BBA and BS Accounting & Finance on 18th October 2019.

The session was conducted by Mr Nasir Razaq, Unit Head Product and Sharia Structuring, Bank Islami. The session focused on Islamic Modes of Financing and practical aspects of how an Islamic Bank works."

Awareness Session-Nutrition and Stress Management



Go Green Society in collaboration with Girls' Hostel Society arranged an awareness session regarding "Nutrition and Stress Management" for the community of Sukkur IBA University.

Miss Shireen (Lecturer Physical Education) conducted the session on nutrition and discussed the required diet and the foods necessary for living a healthy life. Miss Naima (Lecturer Psychology) conducted session on stress management and discussed with the audience regarding possible ways to manage stress of studies and other activities in their daily life.

Celebrations of World Food Day



Pakistan Ambassadors of Thought For Food (TFF) from Sukkur IBA University organized an awareness session on How Sukkur IBA University students can participate in TFF challenge & get a chance to fully funded trip to TFF summit in Kuala Lumpur, Malaysia. Students may learn about the effective use of TFF Digital lab & developing breakthrough ideas that can work in the TFF Challenge.

Panel Discussion- Why Reading Habits are Declining



Sukkur IBA Discussion Forum organized Panel Discussion on "Why Reading Habits are Declining: How to overcome it?" on Monday, October 21, 2019.

Session was started with opening remarks of Prof. Dr Niaz Ahmed Bhutto (HoD Business Administration). Dr Sher Muhammad Doudpota (Director QEC, Sukkur IBA University), Dr Syed Hassan Shah (Assistant Professor, Sukkur IBA University), Ms Saudah Qazi (Student, Department of Business Administration), Mr John James (Student, Department of Education), and Ms Anoshi Chhabriya (Student, Department of Business Administration) were panelists and Ms Unaeza Alvi (Assistant Professor, Sukkur IBA University) moderated the session.

Panel discussion concluded on the points that local authorities should develop libraries in local cities and Institutes should play a role in promoting reading culture at classroom level.

ODAK- Career selection Workshop



Career Development Center (CDC) and Alumni Society of Sukkur IBA Student Council organized ODAK- a workshop on choosing majors for the students of 5th semester from Business Administration Department on 19th October 2019. During the workshop, a panel discussion was organized where senior alumni of Sukkur IBA University including Mr Rizwan Siddique, Zonal Sales Manager at Nestle, Ms Sofiya Ansari, Head of Direct Custody & Clearing Operations at CltiBank, Muhammad Kashif Mughal-Group Brand Manager at Unity Foods and Ms Shumaila Shaikh, Lead HR Business Partner at Telenor Micro Finance Bank shared their experiences with the students and guided them for major selection and career planning. The Panelists also answered questions of the students. An interactive session on Informed Decision Making by our alumna Mr. Bilal Shaikh, Deputy Director marketing & Outreach-Sukkur IBA University was also organized in which students were motivated to intelligently select the majors.

The Panelists were also presented with shields and souvenirs by HoD Business Department, Dr. Niaz Bhutto. The Event ended with networking lunch.

Blogging and Vlogging Workshop at Sukkur IBA University



Marketing Society, Sukkur IBA University in collaboration with CDC and Global Neighbourhood for Media Innovation-GNMI organized one day workshop on "Blogging and Vlogging for Social Impact and Change" on

26th October 2019. Ms. Najia Ashar, a senior broadcast journalist and Media trainer conducted the workshop. Ms. Najia started by introduction of blogging and vlogging and their role within journalism and significance to

media. She also covered topics like gender equality and understanding different ways human rights are reported in the media.

Students utilizing the learning from the workshop made and presented vlogs on different social issues.

Vice Chancellor Prof. Nisar Ahmed Siddiqui while addressing the audience appreciated the efforts of Marketing society for organizing the workshop and said that social media is a powerful tool of this digital era, He said that It is our duty to use this medium with responsibility and utilize it for development of the society. Certificates and Shields were also distributed among the students at the end.

DICE VIC 2019 at Sukkur IBA University



The Center for Entrepreneurial Leadership & Incubation of Sukkur IBA University organized DICE VIC 2019 on 27th October 2019. The competition included Ad War and Business Plan Presentation in which participants showed their Ad videos and presented business plans presentations to the jury.

At the end of the competitions, awards and shields were distributed among the winners.

Speaker session on "Political Economy of Global Terrorism"



Sukkur IBA Discussion Forum organised speaker session on "Political Economy of Global Terrorsim" on Tuesday, October 29, 2019. Session started with Prof. Dr Niaz Ahmed Bhutto's (HoD Business Administration) opening remarks. Dr Sheeraz Mustafa (Assistant Professor, Sukkur IBA University) presented his insight about topic. Session was followed by a Q&A session by students and faculty.

Session on Intellectual Property Rights



ORIC, Sukkur IBA University in collaboration with Overseas Investors Chamber of Commerce and Industry (OICCI) organized a session on "Intellectual Property Rights" on October, 30th 2019

Mr Shahid Mustafa Qureshi, with Over 30 years of experience in areas of Legal and Regulatory Affairs in multinational companies, both overseas and in Pakistan; focusing on litigation management, legal risk protection and management, contract negotiation / drafting and legal policy development delivered the talk.

Session was attended by Faculty & Students of Electrical Engineering and Computer Science department. It was an interactive session with more focus towards basic queries and confusions.

NOVEMBER

MoU signing Ceremony- OGDCL National Talent Hunt Program 2019

An MoU signing ceremony was held between Oil and Gas Development Company and Sukkur IBA University for OGDCL National Talent Hunt Program 2019. Syed Nasir Hussain Shah Provincial Minister of Sindh for Local Government, Forests and Religious Affairs graced the occasion as chief guest.



Sukkur IBA University in collaboration with OGDCL initiated National Hunt Program in 2016 to which students from all across Pakistan are admitted on fully funded scholarship for undergraduate program. More than 1200 students have been benefited from this program.

Agricultural Credit in Sindh - Talk by MD Sate Bank of Pakistan



Business Administration department of Sukkur IBA University organized Focused Group sessions on Agricultural Credit in Sindh: Problems faced by Farmers and Bankers on 7th Nov 2019. Mr. Muhammad Ashraf Khan, Managing Director, State Bank of Pakistan Banking Services Corporation (SBP-BSC) graced the session as Chief Guest. Mr. Khan was accompanied by Mr. Shoukat Zaman, Group Head Forex and Development Finance, SBP-BSC, and Mr. Ikramullah Qadri, Senior Joint Director, Agricultural Credit & Microfinance Department, SBP.

The focused group sessions were attended by representative farmers and bankers. The guests were received by Vice Chancellor, Sukkur IBA University Professor Nisar Ahmed Siddiqui. In his welcome speech, Nisar Ahmed Siddiqui highlighted the importance of Agriculture in the economy and the need to work on improving situation of formal agricultural credit in Sindh. The Chief Guest discussed the current situation of agricultural credit in Sindh and shared policy initiatives and steps taken by SBP to boost the agricultural lending by State Bank of Pakistan. Dr. Niaz Ahmed Bhutto, Head of Department Business Administration Department, Sukkur IBA University presented the vote of thanks to the guests and participants of the event.

Training on Readtheory and Cambridge Write and Improve



Conducted by Mr. Nasrullah Dharejo, Academic Coordinator of NTHP -2019. The participants of the training were the faculty members (Regular and Visiting) of English who teach NTHP-2019 classes. The main purpose of the training was to enhance technology in the classroom practices. The teachers were trained on both the

digital learning tools and were motivated to use the websites more effectively.

Vice chancellor Professor Nisar Ahmed Siddiqui was also the part of one session where he encouraged such modern techniques as part of classroom activities. He said, "Reading and Writing are very important for the students. They must be inspired to engage themselves in these two very useful habits."

Case Teaching & Writing Workshop



The Department of Business Administration and Case Research Center, Sukkur IBA University organized two-day case writing and teaching workshop on 8-9, November, 2019.

The Trainer Dr Farrah Arif, PhD from the University of Cambridge Judge Business School; and LUMS Faculty conducted the training. Around 45 faculty members from the Department of Business Administration, Department of Education, and Kandhkot Campus attended the workshop.

Orientation for 5th Batch of Diploma in 3D Animation and VFX



5th Batch of diploma program in "3D Animation and Visual Effects" was started at School of Animation, Department of Computer Science, Sukkur IBA University.

Students from various cities of Pakistan have joined the program. School of Animation, Sukkur IBA University have organized orientation session for new students. Dr Ahmed Waqas, Head of Computer Science Department welcomed the students. Program Director, Dr Qamar Uddin Khand welcomed the students and briefed them about aims and objectives of the program and policies of this program.

Course Instructors Mr Muhammad Wajahat Ali Zeeshan and Hassan Raza gave detailed introduction about the course to newly inducted students.

Pakistan National Mathematics Olympiad 2019



Mathematics Society of Sukkur IBA University organized Pakistan National Mathematics Olympiad 2019 (PNMO19) for Colleges and university students on November 12 and 13 2019. A total number of 38 teams participated in the event.

There competition comprised of two rounds. The students were given question papers to solve in both rounds. Teams securing the top three positions were awarded with cash prizes.

Vice Chancellor Sukkur IBA University Prof. Nisar Ahmed Siddiqui, Registrar Engineer Zahid Hussain Khand, HOD Mathematics Dr. Javed Hussain Brohi and Patron Mathematics Society Dr Muhammad Fazeel Anwar awarded the prize winners of PNMO19."

The Eagles" were awarded Rs. 30,000/= cash prize. Team Pak Turk Maarif stood 2nd and was awarded with Rs. 25,000/= cash award while Team Math πrates secured 3rd position with Rs. 20,000/= cash prizes.

Two-Day training on "Islamic Banking and Takaful"



Department of Business Administration in collaboration with Sukkur IBA Discussion Form organized Two-Day training on "Islamic Banking and Takaful" on November 10 & 17, 2019.

On November 10, 2019 Mr Hafiz Muhammad Saad, a Certified Islamic Finance Executive and Certified Islamic Banker and Trainer, Learning Manager at Bank Alfalah Limited conducted a full day training session on "Islamic Banking Practices".

Whereas on November 17, 2019 Mr Adnan Malik conducted another full day training session on "Takaful and Microtakaful Practices". Mr Adnan is a

Certified professional in insurance and Takaful. Currently, he is Chair of the Center for Excellence in Islamic Finance at the Institute of Management Sciences, Pakistan.

Certificates were distributed among participants for completing Two-Day training on "Islamic Banking and Takaful" on Day Two.

PSYWSC 2019 at Sukkur IBA University



The Department of Electrical Engineering in collaboration with IEEE Student branch Sukkur IBA University and IEEE Karachi Section organized 13th PSYWSC'19 held on November 15 & 16, 2019 at Sukkur IBA University, Main Campus.

The congress event was inaugurated with recitation of Holly Quran, Dr Saeed Ahmed Khan delivered hosting remarks to participants. Vice Chancellor Sukkur IBA University Prof. Nisar Ahmed Siddiqui welcomed the guests and participants of 13th IEEE PSYWSC'19 congress.

The keynote speeches were delivered by Prof. Dr Sher Muhammad Daudpota on Sukkur IBA University, Prof. Dr Shahid A Shaikh on IEEE, Prof. Dr Zubair A. Shaik discussed engineering. Dr Azmat, Advisor to Chairman KRL, Former DG KRL, Dr Riffat Hassan, GM (Design & Engineering) National Transmission Despatch Company (NTDC), Mr. Amir Zia, Chief Distribution Officer, K-Electric, Dr Akram Sheikh, DG - Pakistan Scientific, Technological & Information Center (PASTIC), General Manager (GM), ENGRO Corporation discussed on Achieving Sustainable Development through Industry-Academia Collaboration and emphasized to develop curriculum based on skills and fill the gap between academia and industries.

Faculty members of electrical engineering department conducted five workshops on machine learning, robot design, Programming logic controllers, fabrication of printed circuit board, embedded system by using Lab VIEW and two competitions on speed programming and web development was also carried out during the congress.

Students showed much excitement in congress. More than 180 students participated in workshops and competitions. A musical was also organized by Sukkur IBA University for the guests and participants of the congress.

Islamic Banking & Takaful



Sukkur IBA University Discussion Forum in collaboration with Al-Huda - Center of Islamic Banking and Economics, and National Bank Sukkur arranged an awareness session on "Islamic Banking & Takaful" for BBA-5 students, on November 22, 2019. Mr Khalid Hameed (Manager Training and Capacity Building-AlHuda CIBE), Mufti Raees Ahmed (Shariah Advisor-AlHuda CIBE), and Mr Mansoor Soomro (Area Manager, National Bank Sukkur) had interactive sessions with students on different aspects of Islamic Banking. Prof. Dr Niaz Ahmed Bhutto (HoD Business Administration Department) presented the vote of thanks to venerated guests.

DECEMBER

SISC elections 2019



Election Committee of Sukkur IBA University students council conducted Elections 2019 for Students Council body on December 02, 2019.

Four panels Shaheen, Mashaal, United & Sprit submitted the nominations forms.

SHAHEEN remained victorious in the elections 2019 by getting 801 votes out of total 1615 polled votes.

Mr Buxial became the Student President of Sukkur IBA Student Council.

Workshops organized for Students of Sukkur IBA University



The Department of Education, Sukkur IBA University, organized a talk about "Language in today world: Context; Culture and Politics" by Dr Ahmar Mahboob (Professor of Applied Linguistics at the University of Sydney, Australia), on 29th November, 2019. Unaeza Alvi Assistant Professor Education introduced and welcomed the speakers. Dr Ahmar Mahboob, currently working as Associate Professor at University of Sydney. Dr Ahmar Mahboob has earned his PhD from Indiana University, Bloomington. In his talk Dr Ahmar Mahboob concluded that while the executive, legislature, and judiciary are considered three independent organs of a government, it is Education that is Ground Zero. Everyone who joins government goes through education. A weakness of education impacts the kind of government it creates. An ethical and independent academia/ education is an essential requirement of an independent and strong government and people. The Department of Education, Sukkur IBA University also organized a workshop on "Positive Discourse Analysis and Subaltern Linguistics" by Dr Ahmar Mahboob and Monaliza Mamac on 29 th November, 2019. Monaliza Mamac has completed her Masters of Cross-cultural and Applied Linguistics from University of Sydney.

In workshop, she shared research studies and applied research methodologies to address socio-cultural, environmental and ethical issues with linguistic approach, linking research with socio-cultural problems, and positive discourse analysis methodologies.

The sessions concluded with the vote of thanks and sovenier presentation to esteemed Professors by worthy Registrar Zahid Hussain Khand and Hod Dr Zafarullah Sahito.

First Student Congress on Educational Sciences



Sukkur IBA University department of Education organized 1st Student Congress on Educational Sciences on 7th December 2019. The theme of the congress was; Quality education in Teacher Education: Emerging Trends, issues and future directions Prof. Nisar Ahmed Siddiqui presided the event as chief guest. During his inaugural speech Prof. Nisar Ahmed Siddiqui welcomed all the scholars, academicians, researchers and attendees of the congress to Sukkur IBA. He said that technology has greatly influenced the way the education is being imparted and we should work together to make learning easy and fun for the young scholars. He also discussed the importance of remedial education for the development of youth which have been affected by the inadequate practices. Talking about Sukkur IBA University he said that through its network of Community Colleges and initiatives like Sindh and National Talent Hunt program, the university has been striving hard to revolutionize the education system of the province and the country. Prominent scholars and researchers from all across Pakistan attended the congress including Dr Muhammad Memon, Chairman National Accreditation Council for Teacher Education (NACTE), Dr Samina Malik from International Islamic university Islamabad, Dr. Muhammad Sabieh Anwar from Syed Babar Ali School of Science and Engineering-LUMS, Dr. Iftikhar Baig from University of Lahore, Dr. Nabi Bux Jumani form International Islamic University Islamabad, Dr. Syed Hassan Ali Shah ,Dr. Syed Tasadaque Ali, Dr. Al-Karim Dato, Ms. Unaeza Alvi, Dr.Sohail Memon and Dr. Zafarullah Sahito from Sukkur IBA Univeristy. The conference presented a platform to young scholars, educationist, researchers and academicians to present their research work and innovations to envisage the challenges and capitalize the opportunities in the educational sciences. More than 100 papers were presented in the conference and scholars form more than 25 universities from all across Pakistan

participated in the event.

At the end Dr Sohail Memon Manger for the event along with Dr Zafarullah Sahito HoD, Department of Education, Sukkur IBA University thanks the attendees. Engr Zahid Hussain Khand, Registrar along with Prof. Nisar Ahmed Siddiqui VC, Sukkur IBA University presented traditional Ajrak and Topi along with shields and certificates to the speakers and participants of the congress.

Awareness Seminar on International Anti-Corruption Day



National Accountability Bureau Sukkur organized awareness seminar on the topic of "Our Faith corruption free Pakistan" on 09 December 2019. Honorable Governor Sindh Mr. Imran Ismail presided the occasion as chief guest. The event was organized to celebrate the international Anti-Corruption Day. Dignitaries from all walks of life and students form different school also participated in the event.

Mr. Ali Mardan Rahoojo visits Sukkur IBA University



Mr Ali Mardan Rahoojo a well renowned former diplomat and currently working in Moneytrans as Regional Manager for South Asia visited Sukkur IBA University on 10 December 2019.

Registrar Sukkur IBA University along with senior management received the guests and visited campus facilities. Director CDC Mr Qazi Abdul Wahid briefed the guests about various initiatives taken by the university in the education sector. Respected guest appreciated the vigor of the management of the university and ensured his full support for student development and other projects.

Sukkur IBA University memorial shield along with traditional gifts were presented to guests.



Two-day training workshop "Excel your MS excel skills" was successfully conducted by Jahanzeb Iqbal Sial (Credit Analyst at NBP) for MBA and BS Accounting and Finance students at 7th and 8th December 2019.

Aisha Memon Scholarship Program Donor visits Sukkur IBA University



Mr. Shafqat Memon, esteemed donor and friend of Sukkur IBA University from Bahrain visited the university on 18th December 2019 to review performance of Scholarship beneficiaries. Director CDC briefed the guest on the recent initiatives taken by the university and the performance of the students currently studying on the scholarships.

STEM winter Camp 2019



Department of Electrical Engineering, Sukkur IBA University organized STEM winter camp 2019 from 20th December to 24th December 2019 at Sukkur IBA University. Around 45 students of class 6th to 12th from all over Sindh participated. Stem winter camp was divided in two categories i.e. Robot Ai camp and Drone Camp. Students learned basic concept of Science, Technology, Engineering and Mathematics using programmable robots and programmable Drones. Aim of this winter camp is to promote STEM education using latest technology among school level students.

JANUARY

January 10th 2020

Alumni Reunion 2020- Business Administration Department



Career Development Center along with Alumni Society and Student Council of Sukkur IBA University organized Alumni Reunion of Business Administration department on 11 Jan 2020. The event was organized at Ramada Hotel Karachi, where alumni from all across Pakistan attended the reunion.

During the formal Session, Vice Chancellor Prof. Nisar Ahmed Siddiqui, Registrar Sukkur IBA Engr Zahid Hussain Khand, HoD Business Department Prof. Dr Niaz Ahmed Bhutto, Director CDC, Mr Qazi Abdul Wahid, CEO Thar foundation Syed Abdul Fazal Rizvi, Alumni Representatives Mr Rizwan Siddiqui and Dr Wajid Ali Rizvi and Chief Guest of the evening Dr Mirza Ikhtiar Baig interacted with the attendees of the event.

An MoU was signed between Sukkur IBA and Engro-Thar Foundation for financial assistance of students from humble backgrounds belonging to Tharparkur. CEO Engro-Thar Foundation, Syed Abul Fazal Rizvi and Vice Chancellor Sukkur IBA University Prof. Nisar Ahmed Siddiqui signed the MoU.

Students enjoyed during informal session and a musical concert was also organized where emerging singing sensation Mr Rafay Asrar entertained the guests.

January 13 2020

Introduction to hands on Mathematical Kits



One day workshop on "Introduction to Hands on Mathematical Kits" was

organized by the Directorate of IBA Community Colleges and Schools at Sukkur IBA University held on January 14, 2020. Dr Javed Hussain Brohi, HoD Mathematics Department Sukkur IBA University facilitated interactive workshop having twenty-five (25) teaching faculty specialized in mathematics subjects from all IBA Community Colleges and Schools. The workshop was full of learning, enthusiasm and imperative approaches based on 21st century mathematical concepts according to reflections of workshop participants.

January 26th 2020

"Seminar on 4th Industrial Revolution (4IR)"



FURD Foundation in support with SHAH-WAR Consultants and Youth Affairs Department, Government of Sindh, conducted a one-day seminar on "4th Industrial Revolution to empowering and building the capacity of youth of Sindh on emerging technologies" on 16th January 2020 at Sukkur IBA University. The sessions were conducted by highly qualified and internationally recognized experts Professor Zia ullah Khan, technology expert, Faysal Aziz Khan, motivational speaker and senior journalist and Dur e Shahwar, safety trainer and project director FURD

January 10, 2020

Alumni Reunion 2020-Business Administration Department (Album 02)



Career Development Center along with Alumni Society and Student Council of Sukkur IBA University organized Alumni Reunion of Business Administration department on 11 Jan 2020. (Album 02)

January 25-2020

5 day IBSE Workshop at SIBAU



The Directorate of IBA Community Colleges and Schools, Sukkur IBA University organized a 5-day workshop on Capacity Building Workshop of Inquiry-Based Science Education (IBSE) in Pakistan under the framework of the Belt and Road International Science Education Coordinating Committee (BRISECC) in collaboration with ECOSF from January 20-24, 2020. Trainers from Sukkur IBA University, ECOSF and delegation from China (Prof. Ye Zheoning and Ms Yang Feng) built the capacity of teachers from all Pakistan specifically teachers from Pakistan Atomic Energy Commission (PAEC), Cantt/Garrison Schools, Thar Education Alliance, Dawood Public School, IBA Community Colleges and Schools.

The workshop was commenced by Chairman High Education Commission (HEC) of Pakistan Dr Tariq Banuri. In his opening remarks, Dr Tariq Banuri appreciated SIBAU and ECOSF for capacity building and promotion of STEM activities in the ECO region including Pakistan. A Memorandum of Understanding (MoU) was also signed between Sukkur IBA University (SIBAU) and ECO Science Foundation (ECOSF).

Director IBA Community Colleges and Schools, Mr Noor Hussain appreciated the active participation of teachers, trainers and organizers for making such a national level program successful. Engr Zahid Hussain Khand, Registrar Sukkur IBA University, highlighted qualities of 21st century teachers in Pakistani context. Vice-Chancellor SIBAU Prof. Nisar Ahmed Siddiqui concluded the workshop with remarks "Don't complain of darkness, light a candle" which elucidates that individual should play his/her part to make this land more beautiful and worth living.

January 24 2020

Sukkur Iba University Arranged Its Quarterly Ict Related Workshop



As per past practices, the HRD Section of Registrar Office of Sukkur IBA University arranged 4 workshops, on the following topics:

1. ERP-FSCM (Employee Self-service module)
2. Campus Management System
3. Library Management System
4. ERP-HCM (Employee Self-service module)

Since SIBAU workplace and teaching-learning practices are getting more and more technology based with each passing day, it has a system of quarterly training programmes for its faculty and professional staff for effective use of different software. This time, the workshops were arranged on Saturday, 25th January 2020, around 20 faculty members attended the workshops and had a hand on practice as well.

January 29-2020

The 3rd International Conference On Computing Mathematics & Engineering



Sukkur IBA University hosted 3rd International Conference on Computing Mathematics & Engineering Technologies (iCOMET) 2020, aimed at providing a platform to the researchers and students to present their work on various disciplines by covering the conference theme "Idea to Innovation for Building the Knowledge Economy". The Conference came to an end with expression of gratification by guest speakers, researchers and students over two-day discussions and debates; and brainstorming parallel sessions to slice ways and means to overcome the problems of present

era.

The universities play a crucial role in knowledge creation, acquisition, sharing and integration mandatory for institutional advancement, said Prof. Nisar Ahmed Siddiqui, Vice Chancellor, Sukkur IBA University in his welcome address to international and national participants.

The 3rd International Conference on Computing, Mathematics & Engineering Technologies 2020 was focused on "Idea to Innovation for Building the Knowledge Economy". The two-day conference included number of international and national guest speakers, who addressed on different topics.

In the fraternity of computing, one of the keynote speakers Prof. Paolo Bottoni from Sapienza University, Rome delivered a comprehensive lecture on "A Model for Reasoning on Transactions and Contracts". Dr Izzatdin Abdul Aziz, Associate Prof., Universiti Teknologi PETRONAS (UTP), Malaysia discussed the "Application of Artificial Intelligence in Oil and Gas Industries. Dr Yasar Ayaz, Chairman, National Center of Artificial Intelligence presented "AI for Everyone". Prof. Dr Nouman M. Durrani gave a lecture on "Distributed Suspicious Activity Detection using Light Weight Deep Learning Models".

Dr Kijiti Rodtes, Naresuan University, Thailand conducted a session on "Generalized Matrix Functions" in the area of Mathematics. Prof. Dr Umar Hayat held a session on "Cubic Curves: Geometry and Applications".

Prof. Dr Dil Muhammad Akbar Hussain, Alborg University Denmark delivered a brainstorming lecture on "Renewable Energy: Conservation by Wind" in the area of Electrical Engineering. Prof. Dr Shankar Bawani, Chairman IEEE also discussed various developments in the field of Electrical Engineering.

Research papers were presented in the category of Solar Power System, and Energy Systems and Management. The Computer Science papers presented in the conference belonged to the categories of Software Engineering, Soft Computing, Human Computer Interaction, Artificial Intelligence, Machine Learning and Data Science, and more, while the Mathematics track papers presented in the categories of Applied Mathematics Analysis, Metric Differential Geometry, Numerical Analysis and Stochastic Techniques and Processes.

A Gala musical night was organized by Sukkur IBA University to provide the guests and participants an opportunity for networking.

In his concluding remarks the Registrar Sukkur IBA University Engr Zahid Hussain Khand thanked the participants and guests for their contribution to mark the event successful.

31st January 2020

Artificial Intelligence Training for IBA Community Colleges Faculty



The Electrical Engineering Department of Sukkur IBA University in collaboration with the Directorate of IBA Community Colleges and Schools organized a three-day training from January 30, 2020 to February 01, 2020 on Artificial Intelligence (A.I) for the Faculty of IBA Community Colleges and Schools. CEO of USA Ready Artificial Intelligence A. I. Mr Roozbeh Aliabadi interacted and appreciated the active inclination of teachers towards Artificial Intelligence. Trainer Mr Gulsher Ali, Assistant Professor facilitated teachers for understanding and implementing the concepts of A. I. into the classrooms. Teachers reflected that it is learning and fun together while interacting the A. I. orientations with COZMO Robots. Prof. Nisar Ahmed Siddique, Vice Chancellor Sukkur IBA University along with, Mr Noor Hussain, Director IBA Community Colleges and Schools and Mr Faheem Akhtar, HoD Electrical Engineering Department, Sukkur IBA University distributed the certificates and emphasized teachers to implement A.I practices into their schools/colleges with heart and soul as to develop Pakistan in terms to next level of its growth and sustainability through modern technology.

30th January 2020

Certificate Distribution Ceremony for Study Exchange Program



Sukkur IBA University organized " Certificate Distribution Ceremony " for the students who have completed their study exchange abroad. In total 51 students successfully returned to Sukkur IBA University after completing their study exchange at Chinese, Italian, and American Universities

February

February 2nd 2020

One day Workshop on Workplace Health and Safety at SIBAU



Health, safety and wellbeing should come first in the list of human priorities as they guarantee continued high productivity of workers and sustainability in the productivity of any society as well as overall happiness. In this connection, HRD Section, Registrar Office arranged a one-day Workshop on Workplace Health and Safety at Sukkur IBA University, in which industry experts Mr Aijaz Shar, Manager HSE, AMCORP Engineering & Construction Pvt Ltd, Mr Nizam Uddin, Senior Engineer SSGC & Ms Tabasum Memon, Assistant Manager Safety and Environmental Sustainability, Sukkur IBA University served as the facilitators of the workshop. In this regard, 100 employees of Sukkur IBA University attended the said workshop.

In his speech, the Registrar, Sukkur IBA University, Engr Zahid Hussain Khand said that Health and safety are the key factors for us in order to promote the wellness of both employees and students of Sukkur IBA University.

February 10th 2020

Awareness Session on Drug Diseases & Drug Abuse



Ministry of Narcotics Control, Pakistan organized an awareness session on Drugs Diseases and Drug Abuse for the students of Sukkur IBA University in order to raise awareness amongst them against hazards of drugs; and to sensitize them about its devastating nature of drugs on February 10, 2020. The presentation lecture was delivered by Mr Abdul Hamid Baloch, Deputy Secretary, Ministry of Narcotics Control Pakistan. The speaker was later presented with souvenirs by Mr Abdul Wahid Qazi, Director Student Financial Aid and University Advancement, Sukkur IBA University.

February 19th 2020

SIBAU workplace and teaching-learning practices



SIBAU workplace and teaching-learning practices are getting more and more technology based with each passing day. It has a system of regular/quarterly training programmes for its faculty for effective use of Learning Management System.LMS is an e-learning tool which helps the faculty to conduct digital education. This time, the workshop was arranged by HRD Section, Registrar Office on 19th & 20th February, 2020, around 30 faculty members attended the workshop and had a hand on practice as well.

February 24th 2020

7th Convocation 2020 at Sukkur IBA University



Sukkur IBA University commemorated its 7th Convocation on Saturday, February 22, 2020 at its Main Campus in order to confer degrees and medals to graduating students. Syed Murad Ali Shah, Chief Minister, Sindh graced the event as Chief Guest while Mr. Noman Islam-uddin Shaikh, Member National Assembly, Mr. Imtiaz Ahmed Shaikh, Provincial Minister of Energy, Government of Sindh were the Guests of Honor. Officers of civil bureaucracy, graduates, parents and people from all walks of life attended the event.

A total number of 235 graduates were conferred upon degrees. Out of which 60 were from Bachelor of Business Administration, 28 were from Bachelor of Electrical Engineering, 28 from Bachelor of Science (Computer Science), 6 from Bachelor of Science (Software Engineering), 11 from Bachelor of Science (Accounting & Finance), 3 from Bachelor of Business Administration (Agribusiness), 40 from Bachelor of Education, 3 from Bachelor of Education (Extension Program), 1 from Associate Diploma (Education), 3 from Bachelor of Science (Mathematics), 24 from Master of Business Administration, 7 from Master of Science (Management), 11 from Master of Science (Computer Science), 7 from Master of Engineering (Renewable Energy) and 3 from Master of Engineering (Electronics and Communication).

Names of the students who received gold medals in different programs are, Anjilee Bachelor of Business Administration (BBA), Abdul Haseeb Bachelor of Science (Computer Science), Azhar Ali and Taimoor Ali BE Electrical Engineering (Electronics), Aisha Naz and Azmatullah Abdul Basit Bachelor of Education (B. Ed), Sheeraz Ahmed Bachelor of Education (Extension Program), Kainat Shams, Master of Engineering (Renewable Energy), and Rakhi and Adil Khan Master of Science (Computer Science).

The recipients of silver medals are, Muhammad Usama Bachelor of

Science (Computer Science), Kamran Ahmed BE Electrical Engineering (Electronics), Sahar Kanwal Bachelor of Business Administration (BBA), Aqsa Naz Bachelor of Education (B.Ed) and Shafaq Siraj Master of Science (Computer Science). The Registrar Sukkur IBA University Engr Zahid Hussain Khand requested the chief guest to declare the convocation close.

February 21st 2020

Career Development Session by HR Club, Sukkur IBA University



HR Club at Sukkur IBA University organized a session on "Career Development" addressed by reputable well-experienced officials and professionals from industry to equip students with required set of skills and the ways to obtain and sustain good career growth in the market. The session was conducted by Mr Mansoor Ahmed (Assistant Professor of Practice HRM - Faculty Business Administration Department) and Mr Taimoor Ahmed (Student of BBA - HRM)

February 29th 2020

Recruitment Test PPP NODE, SELD, Government of Sindh



Recruitment test for the advertised Post of Office Assistant (BPS-14/16) at Public Private partnership (PPP NODE), Sindh Education & Literacy Department, Government of Sindh was conducted by SIBA Testing Services on Sunday, March 01, 2020 at Public School Hyderabad (Managed by SIBAU), IBA-Public School, Sukkur & Sukkur IBA University (Main Campus). About 10368 candidates appeared from all over Sindh. Furthermore, the list of recruitment test qualified candidates will be announced soon at

Sukkur IBA University website. However, candidates can view answer key of aforementioned position.

February 27th 2020

Student of SIBAU participated in the International Day of Science



Sukkur IBA University student Mr Qamar Abbas represented the university at the International Day of Science 2020 organized at the Alliance Francaise de, Karachi on February 15th 2020. The theme for the event this year was "The Steam Engine for Digital Pakistan". The event was organized by Pakistan Space Science Education Center (PSSEC) in collaboration with United Nations Association of Pakistan and Buraq.

The event marking the "International Day of Science 2020" consisted of activity based Scientific Sessions by Pakistan Space Science Education Center followed by an interactive dialogue between inspiring role models of Pakistani women playing their role in the improvement of education. The dialogue was moderated by Chairperson & Founder of Pakistan Space Science Education Center Miss Waseem Zartaj.

The Guest Panel included: Ms Anna Ruffino (Consulate General of Italy in Karachi), Ms Sabina Khatri (Founder & CEO of Kiran Foundation), Ms. Salma Alam (CEO Durbeen Foundation), Ms Sabeen Shah (Manager Education Program of Thar Foundation), Mr Abdul Rauf (Founder of Pakistan Science Club) and Ms Mishal Khan (Deputy Head of UNAP Youth Chapters).

MARCH-JULY

March 2nd 2020

SIBAU Student wins at National Project Competition 2020



Students of Sukkur IBA University participated in National Project Competition 2020 (NPC_2020) organized by Dawood University of Engineering and Technology. More than 35 universities from all across Pakistan participated in the competition.

Sukkur IBA Team "Rescue Squad" got Runner Up Trophy in Project competition in the Business Start Up category while team "The MASS-G Energy" grabbed Runner Up Trophy in Poster Competition in Business Start Up Category.

March 06, 2020

Workshop on Industrial Automation Hardware and Software



Three days workshop on Industrial Automation Hardware and Software on PLC and HMI, was conducted at Electrical Engineering Department Sukkur IBA University from 29-Feb to March 2020, Sat-Mon. The instructor was Dr. Ahmed Ali Shah.

The objective of this workshop was to give its participants an opportunity to study Industrial Automation via PLC & HMI, and its applications in detail. The workshop comprised of a series of lectures and labs related to topics like wiring and interfacing of I/O devices, logic system design, ladder logic programming, analog/digital I/O handling, human-machine interface programming, industrial sensor interfacing, fail-safe design, interlock circuits, timers, and counters, etc. Furthermore, the participants learned to write, compile, simulate, and implement the program using

Siemens's advanced PLC system.

As part of the workshop program, participants also enjoyed a recreational tour of Sukkur city nearby attractions. The closing ceremony of three days training was held on 3rd March 2020 in the control and embedded system Lab. Chief Guest of the ceremony was respected Registrar SIBAU Engineer Zahid Hussain Khand. At the closing ceremony respected Registrar and HoD electrical engineering Dr Faheem Akhter Chacher appreciated the workshop participant and provided brief insights into the importance of such workshops and training in recent times and encouraged the participant to actively participate in future training, seminars, and workshops. Certificates were also distributed among the organizer and the participants at the end of the closing ceremony.

February 29, 2020

"Data Science Session conducted"



Mr. Saifullah Katpar (Applied Data Scientist at HBL) conducted two-hours guest speaker session on Data Science (Orientation for Enthusiasts). Session was organized by Dept. of Computer Science, Sukkur IBA University

Mr Saifullah talked all about Data Science such as its Essentials, Industry, Learning Approach, Use Cases, Advanced Techniques, Areas & Roles and his Experience at HBL.

We thank him for such interactive and informative session.

March 19, 2020

Sukkur IBA University wins WWF-Green Office Awards



A Ceremony was held recently in Lahore by World Wildlife Founda-

tion-WWF to celebrate 10 years of its green office initiative. Sukkur IBA University won 3 awards for its continuous efforts for expansion of renewable energy, reduction in waster generation and fuel consumption.

Registrar Sukkur IBA University Eng. Zahid Hussain Khand received the awards on behalf of Sukkur IBA University.

Awards won by Sukkur IBA University were in the following categories

1. Extraordinary effort towards expansion of Renewable Energy
2. Highest Reduction of Waste Generation (2012-2019)
3. Highest Reduction of Fuel Consumption (2014-2019)

March 29, 2020

Green and beautiful campus of Sukkur IBA University



During this time of quarantine, we hope that everyone is taking precautionary measures to protect themselves from the virus.

We request everyone to stay indoors, keep yourself clean and take care of your health.

July 24, 2020

Prof. Dr Syed Mir Muhammad Shah Appointed As Acting Vice Chancellor



The Newly Appointed Acting Vice Chancellor of IBA University Prof. Dr. Muhammad Shah Resumed his Duties On 23rd July 2020

Dr Syed Mir Muhammad Shah along with the team of Sukkur IBA University visited the grave of Late Prof. Nisar Ahmed Siddiqui. After dua on his grave Dr. Shah vowed to continue the vision of Prof. Nisar Ahmed Siddiqui of illuminating the lives of under-privileged community and to strengthen the education system of the country.

Prof. Dr Shah has been serving Sukkur IBA University for the last 25 years and has worked on various leading positions. Dr Shah has PhD in Management science with specialization in Human Resource Management.

July 29, 2020

Vice Chancellor QUEST Nawabshah Visits Sukkur IBA University



A delegation led by Vice Chancellor Quaid-e-Awam University of Engineering, Science & Technology (QUEST) Nawabshah, Prof. Dr Saleem Raza Samo visited Sukkur IBA University on July 29, 2020. The delegation was received and welcomed by Acting Vice Chancellor Sukkur IBA University, Prof. Dr Syed Mir Muhammad Shah and Registrar Sukkur IBA University, Mr Zahid Hussain Khand.

The guests exchanged views with the university management on different subject matters and areas of collaborations between the two universities. The delegation also visited Knowledge Center, Fabrication Lab and other learning facilities of the university



CHAPTER 11

FINANCE

**ANNUAL STATEMENTS OF ACCOUNTS
(2019-2020)**

**SELF-GENERATED INCOME
STUDENT STRENGTH
2019-2020 (ACTUALS)**



ANNUAL STATEMENTS OF ACCOUNTS (2019-20)

[Million Rs.]

Particulars		2018-19 (Actual)	2019-20 (Actual)
1. Opening Balance:		0.000	(6.360)
2. Total Grants & Donations [a - f]		880.695	964.850
a.	Federal Government (Annual)	293.283	262.073
b.	Supplementary / Additional Grant	10.000	36.207
c.	Grant for Tenure Track Faculty	-	-
d.	Provincial Govt. Grant	500.000	500.000
e.	Additional Grant from Provincial Govt:	77.412	166.570
f.	Donations	-	-
g.	Any Other Grant	-	-
3 (i) Students Related Income [3(i) a - 3(i) e]		503.295	569.001
	<i>Tuition Fees</i>	454.907	508.418
	<i>All Other Fees</i>	5.047	4.174
	<i>Hostel / User Charges, etc.</i>	43.341	56.409
a. On Campus Students (sub-total)		503.295	569.001
b.	Affiliated College/Institutions' 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]		52.500	56.600
a.	Income from Collaborative and Contract Research (ORIC)	25.000	23.800
b.	Income from Consultancy & Testing	10.000	11.300
c.	Income from Intellectual Property	-	-
d.	Income from (Executive Centre / Training & Development Program)	15.000	17.500
e.	Alumini	2.500	4.000
f.	Any Other Income	-	-
3 (iii) Receipts from Endowment Fund (if any)		59.776	78.473
3. Total Own Resources		615.571	704.074
A. Total Available Resources [1+2+3]		1,496.266	1,662.564
4. Expenditure Break-up:		1,502.623	1,630.638
a.	Faculty Salary	415.524	507.721
b.	TTS Faculty Salary/ Gratuity	16.560	15.300
c.	Salary of Officers & Staff -Teaching Departments	-	-
d.	Salary of Officers & staff -All Non-Teaching Departt:	284.374	329.305
e.	Other Establishment Charges	-	-
f.	Non Salary Expenses / Other Charges	742.221	738.042
g.	Research	29.751	26.077
h.	Library Expenses	14.193	14.193
5. Total Establishment Charges [4 a to e]		716.458	852.326
6. Total Non Salary Expenses [4 f to h]		786.165	778.312
B. Total Expenditures [5 + 6]		1,502.623	1,630.638

SELF GENERATED INCOME (2019 - 20)

Million Rupees

Code No.	Budget Heads	2018-19 Actual	2019-20 Actual
C02813	Education General Fees [301 - 390]	454.907	508.418
C0281301	Admission Fees	12.590	9.190
C0281306	Tuition Fees - Regular Fee Structure	293.096	335.239
C0281322	Registration Fees - University Students Only	1.620	1.210
C0281332	Examination Fees-University On Campus Students	22.682	26.585
C0281341	Library Fees	22.682	26.585
C0281346	Degree / Transcript Fee etc.	0.982	1.112
C0281353	Development charges+Page Spider+Foundation Program+Summer Program & Crash Program	101.255	108.497
C02812	Hostel Fees / User Charges [201 - 226]	46.388	60.083
C0281201	Hostel Admission Fees	43.341	56.409
C0281226	Other Misc. Charges (Cafeteria+Tender Money + Auditorium)	3.047	3.674
C02810	Income from Endowments	59.776	78.473
C02815	Income from Services Rendered [501 - 531]	25.000	23.800
C0281501	Income from Collaborative Research - Domestic (ORIC)	25.000	23.800
C02815	Income from Regeneration & Development Programs [566 - 572]	15.000	17.500
C0281572	Income From Regeneration & Development Programs - Others (Executive Development Centre)	15.000	17.500
C02815	Income from Consultancy & Testing [536 - 561]	10.000	11.300
C0281561	Income from Testing Services etc.	3.000	4.800
C0281536	Income from Consultancy (BIC Incubation Centre)	7.000	6.500
C02815-6	Income from Intellectual Property [575 - 610]	2.500	4.000
C0281610	Receipts from Alumni	2.500	4.000
C02818	Others [809 - 870]	2.000	0.500
C0281870	Other Misc. Receipts	2.000	0.500
	Total Own Resources	615.571	704.074

STUDENT STRENGTH (ACTUALS)

Name of Teaching Department	Actual Strength (2019-20)				
	Bachelor	Master	M.Phil/ MS	PhD	Total
Business / Management Sciences	1326	103	173	52	1654
NTHP / STHP / Foundation Semester	491	0	0	0	491
Computer Science/IT/AI	634	0	113	5	752
NTHP / STHP / Foundation Semester	287	0	0	0	287
Engineering	689	0	146	5	840
NTHP / STHP / Foundation Semester	180	0	0	0	180
Mathematics	219	0	40	3	262
NTHP / STHP / Foundation Semester	50	0	0	0	50
Accounting & Finance (BS Accounting)	387	0	0	0	387
NTHP / STHP / Foundation Semester	90	0	0	0	90
Physical Education & Sports Science	50	0	0	0	50
NTHP / STHP / Foundation Semester	50	0	0	0	50
Media Science & Mass Communication	40	0	0	0	40
NTHP / STHP / Foundation Semester	50	0	0	0	50
Education	281	0	73	0	354
NTHP / STHP / Foundation Semester	123	0	0	0	123
Total	4947	103	545	65	5660

CHAPTER 12

UNIVERSITY GOVERNANCE

ACADEMIC COUNCIL

LIST OF SENATE SUKKUR IBA UNIVERSITY

SYNDICATE OF SUKKUR IBA UNIVERSITY



List of Senate Members Sukkur IBA University - 2019-2020

1	Honorable Mr. Justice Salahuddin Panhwar	Chairperson	Justice High Court of Sindh
2	Secretary	Member	Education & Literacy Department, Government of Sindh
3	Prof. Nisar Ahmed Siddiqui	Member	Vice Chancellor, Sukkur IBA University
4	Mr. Muhammad Abbas Balouch	Member	Commissioner, Sukkur & Member Senate of Sukkur IBA
5	Mr. Iqbal Ahmed Arain	Member	President, Chamber of Commerce, Sukkur
6	Mr. Hassan Ali Khan	Member	MD, Continental Biscuits Limited, Karachi
7	Mr. Khalid S. Subhani	Member	Ex. President & CEO Engro Corporation
8	Madam Naheed S.Durrani	Member	SEF, Karachi
9	Prof. Dr. Zubair Ahmed Shaikh	Member	President, MAJU, Karachi
10	Mr. Fazlullah Qureshi	Member	Ex. Federal Secretary
11	Justice (R) Ali Aslam Jafferi	Member	Ex. Federal Insurance Ombudsman
12	Prof. M. Nishat	Member	Associate Dean, IBA Karachi
13	Prof. Dr. Niaz Ahmed Bhutto	Member	Professor & HoD, Business Administration
14	Dr. M. Abdul Rehman Soomrani	Member	Associate Professor
15	Dr. Syed Mir Muhammad Shah	Member	Assistant Professor
16	Mr. Ubaidullah Memon	Member	Lecturer
17	Mr. Danish Shamsi	Member	Alumni Sukkur IBA
18	Engr. Zahid Hussain Khand	Member / Secretary	Registrar & Secretary Senate, Sukkur IBA

List Syndicate Members Sukkur IBA University - 2019-2020

1	Prof. Nisar Ahmed Siddiqui	Chairperson	Vice Chancellor, Sukkur IBA University
2	Member from Provincial Assembly	Member	
3	02 Members of the Senate elected by Senate	Member	
4	Judge of Sindh High Court	Member	
5	Secretary, Education & Literacy Department	Member	
6	Secretary Universities & Boards, Govt. of Sindh	Member	
7	Nominee of HEC, Islamabad	Member	
8	Chairperson Sindh Higher Education Commission His Nominee	Member	
9	Prince Hassan Ali Khan	Member	MD, Continental Biscuits (Pvt) Ltd
10	Prof. Dr. Bhawany Shankar Chowdhry	Member	Meritorious Professor, MUET Jamshoro
11	Dr. Ghulam Raza Bhatti	Member	Professor/Vice Chancellor Shaikh Ayaz University Shikarpur
12	Moulvi Nazeer Mahar	Member	Alim
13	Dr. Nilofer Shaikh	Member	Chairperson, Center for Documentation & Conservation of heritage of Sindh
14	Principal, Affiliated Colleges	Member	
15	University Officer from Administration Side	Member	
16	Prof. Dr. Syed Mir Muhammad Shah	Member	Professor in Business Administration
17	Dr. Ahmed Waqas	Member	Associate Professor Computer Science
18	Dr. Waheed Ali Umrani	Member	Assistant Professor, Business Administration
19	Mr. Abdul Basit	Member	Lecturer, Business Administration
20	Dr. Zahid Hussain Khand	Member	Registrar
21	Mr. Feroze Ahmed Mahar	Special Invitation	Additional Director Finance /Treasurer
22	Dr. Sher Muhammad Daudpota	Special Invitation	Director, QEC
23	Dr.Parvaiz Ahmed Memon	Special Invitation	Director ORIC

Member list of Academic council

1	Prof. Nisar Ahmed Siddiqui	Chairperson	Vice Chancellor, Sukkur IBA University
2	Prof. Dr. Niaz Ahmed Bhutto	Member	Professor/Head of Business Administration
3	Dr. Ahmed Waqas	Member	Associate Professor / Head of Computer Science
4	Dr. Faheem Akhtar Chachar	Member	Assistant Professor / Head of Electrical Engineering
5	Dr. Javed A. Brohi	Member	Assistant Professor / Head of Mathematics
6	Dr. Zafarullah Sahito	Member	Associate Professor / Head of Education
7	Dr. Waqar Akram	Member	Professor
8	Dr. Qamar Uddin Khand	Member	Associate Professor
9	Dr. M. Asim A. Samejo	Member	Associate Professor
10	Dr. Niaz Hussain Ghumro	Member	Professor
11	Dr. Shahid Hussain Mughal	Member	Associate Professor
12	Dr. Samar Raza Talpur	Member	Director ICT/Campus Director IET, Khairpur
13	Dr. Ahsanullah Abro	Member	Assistant Professor/Director Kandhkot Campus
14	Prof. Syed Mir Muhammad Shah	Member	Professor/Director IA
15	Prof. Dr. Pervaiz A. Memon	Member	Professor / Director ORIC
16	Prof. Dr. Altaf H. Samo	Member	Professor/Director EDC
17	Prof. Dr. Abdul Qadir Rahimoon	Member	Professor, Electrical Engineering
18	Prof. Dr. Manzoor Ali Mirani	Member	Professor, Business Administration
19	Engr. Zahid Hussain Khand	Member	Registrar, Sukkur IBA University
20	Mr. Imran Khan	Member	Controller of Examinations
21	Mr. Aamir A. Subhani	Member	Deputy Chief Librarian
22	Dr. Muhammad Usman	Member	Assistant Professor, LUMS
23	Dr. Fcrhana Ahmed	Member	Assistant Professor, LUMS
24	Sheikh Muhammad Ibrahim	Member	Vice President LCCI
25	Dr. Muhammad Zaki Rashidi	Member	Director (ORIC) and Associate Dean (Accreditations), Iqra University
26	Prof. Dr. Zubair A. Shaikh	Member	President, MAJU, Karachi
27	Madam Jchan Ara	Member	President P@sha
28	Prof. Dr. Shoab Ahmad Khan	Member	Professor, NUST CE&ME
29	Mr. Nauman Saeed	Member	President & CEO Mirco Tech Industries
30	Prof. Dr. Nabi Bux Jamali	Member	Professor, IIU Islamabad
31	Dr. Sher M. Daudpota	Member	Director, QEC

CHAPTER 13

HEALTH

**MEDICAL EMERGENCY
FIRST AID SERVICE
ESTABLISHMENT OF CLINIC AND
MEDICAL ADVISORY OFFICE**





Health

Medical/Emergency First Aid

The Sukkur IBA University is one of prestigious universities 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
- Emergency care
- Medical Facility
- First Aid Boxes availability at all important location
- Mental Health Services
- Nutrition (during academic year)
- Physical Fitness (Gym)

Purpose

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

Policy

To establish a uniform standard medical facility for faculty, students and staff regarding Environmental Health and Safety and First Aid Supplies at Sukkur IBA University.

- A. Sukkur IBA University 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 complying with the medical policy.
- C. First Aid Kits are available at all Academic Blocks, Labs and Laboratories and at all residential places and hostels.
- D. First Aid Kits should be visible or a sign should be displayed indicating its placement location.
- E. First Aid Kit is also available in every bus/point for medical emergency during transportation.
- F. Not to dispense or administer any medications, including common pain relievers without proper medical prescription
- G. Not to apply any ointments or creams on wounds or burns; use ice, cold pack or cold water.
- H. Always call General Physician appointed 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 tertiary hospital for further examination and better treatment.
- I. Wear examination gloves and eye protection when rendering assistance for any situation involving contact with

blood or other body fluids.

- J. Male and Female Physicians are available at designated clinics with medical checkup timings. The medical assistance with provision of basic drugs is free for all.

Clinic and Medical Advisory Office

Sukkur IBA University has established a free medical care/clinic separately for girls and boys students and staff of Sukkur IBA University. 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 University by providing support in first aid, medical facility and free medical advisory services. In case of emergency, **the Physician/Doctor will be available on call at any time.**

The university clinic is also providing support to faculty, officers and staff of Sukkur IBA University 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 University.

It is also in planning to provide free medical screening to all employees of Sukkur IBA University once in a year for diagnosis and precautionary measures.

Health Insurance Benefits to Employees of Sukkur IBA University

In the eve of 21st century, Sukkur IBA University like other International Organization encourages safe and healthy working environment. It provides all possible benefits to its employees which resultantly bring safe and sound mind at work place. Apart from other benefits, Health Insurance Policy coverage is also incredible addition to benefits of Employees.

The purpose of health insurance is to help Employees pay for care. It protects them and their families financially in the event of an unexpected serious illness or injury that could be very expensive. In addition, they are more likely to get routine and preventive care if they have health insurance. Having health insurance is important for several reasons. Uninsured people receive less medical care and less timely care. They have worse health outcomes, and lack of insurance is a fiscal burden for them and their families.

What does Sukkur IBA University provide?

Sukkur IBA offers its regular employees the facility of optional, non-mandatory group health coverage through a third party; Insurance/Takaful Company. It covers the whole family of an employee i.e. his/her parents, spouse and children. Policy and benefits for health Insurance may vary as per need and requirement duly considered by management on annual basis.

(1) Coverage:

- (a) Hospitalization expenses of an employee/dependent.
- (b) 30 days pre hospitalization expenses
- (c) 30 days post hospitalization
- (d) Maternity expenses
- (e) Emergency treatment

(2). Plans of coverage:

- (a) The employees are covered under three different plans; A, B, C with different hospitalization, maternity and room limits. Details of plan are annually reviewed and communicated to all employees and are available with HR Department.

(3) Age of entry and exit:

- (a) Regular employee shall be eligible for health insurance after completion of one year of service at Sukkur IBA University.
- (b) The age of entry of any dependent of an employee is from date of birth as in case of children and age of exit from the policy is 77 years for Parents and 25 years for children.

(4) Premium Contribution:

- (a) Rates and sum total of annual/monthly contribution is determined by rates as applicable on plan categories as per agreement with service providing Insurance/Takaful company for any current year. 50% of premium is paid by employee from his monthly salary and 50% is contributed by Sukkur IBA University.

(5). Panel and Non Panel Hospitals:

- (a) In case of emergency, panel hospitals will provide treatment without charging any expenses to a health card holder employee.

- (b) In case of availing planned hospitalization services from a panel hospital, an employee needs to request for preauthorization letter from service provider Takaful company and then avail treatment without being billed/charged by the hospital.
- (c) In case of availing treatment from a non-panel hospital in any of above mentioned cases, the employee will himself pay for treatment and get the amount reimbursed by submitting the relevant medical documents.

Response in COVID-19 Emergency 2020 (Global Pandemic)

The novel Corona Virus (COVID-19) broke out from China as a deadly virus which affected almost all the globe upto mid 2020.

Sukkur IBA University as a leader in community service and responsible entity reacted to the pandemic situation (COVID-19) with all resources and necessary measurements as per directions of the Government and Health Services Departments.

The swab testing of COVID-19 for all the students, faculty and employees was made mandatory to identify the COVID-19 positive cases at Sukkur IBA University. Medical Officer (General Physician) of Sukkur IBA University provided full support to the District Health Office for complete sampling of the community of the University to provide safe and secure atmosphere to students, faculty and staff along with all families residing on campus. Wearing masks, maintaining social distancing, short break in academic activities, online meetings and classes were the measurements taken during the outbreak period of 2019-2020 at Sukkur IBA University. Hand Sanitizers, face sheet, and sanitized gates were also introduced by our Fabrication Lab at Sukkur IBA University to minimize the possible risk and spread of novel Corona virus at campus.

Following are some glimpses to counter the pandemic situation for testing camps:



CHAPTER 14

SUKKUR IBA UNIVERSITY KNOWLEDGE CENTER

COLLECTIONS

FRIENDS OF LIBRARY

DEPOSITORY COLLECTION

ELECTRONIC DATABASE



Chapter 14

SUKKUR IBA UNIVERSITY KNOWLEDGE CENTER

INTRODUCTION:

Sukkur IBA University library serves as catalyst in supplying resources and services to support the goal of Sukkur Institute of Business Administration University. Library assists in the development of information literacy by providing instructions on the use of all types of library materials and provides assistance to community beyond the confines of the institute. Library houses a collection of 42,000 print books and more than 105,000 electronic books an accessible via digital library. The library subscribes 27 print journals and also have access to electronic databases.

Diverse library services are initiated including, circulation services, reference services, Document delivery service, literature searching, OPAC, interlibrary loan, multimedia services, photocopy services, Diverse readers club, etc.

COLLECTION:

The university library's collection comprises 42,000 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 research journals, library also subscribes to five national and one foreign newspaper, Dawn, The News, Business recorder, Express Tribune.

FRIENDS OF THE LIBRARY:

(DONATED COLLECTIONS)

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
2. Shah Muhammad Shah's collection
3. Prof. Ateeq-ur-Rehman's collection
4. Rotary Foundation Literacy collection
5. Fazlullah Qureshi Corner
6. Bashir Shah Corner

PRINT JOURNALS & MAGAZINES:

- JOURNAL OF INTERNATIONAL MONEY AND FINANCE
- JOURNAL OF ECONOMETRICS
- THE LEADERSHIP QUARTERLY
- EDUCATIONAL RESEARCH REVIEW
- JOURNAL OF FINANCIAL ECONOMICS
- THE JOURNAL OF FINANCE
- THE JOURNAL OF MANAGEMENT STUDIES
- JOURNAL OF HUMAN RESOURCE

THE JOURNAL OF FINANCE

Impact factor: 7.544

2020 Journal Citation Reports (Clarivate Analytics):
2/108 (Business, Finance) 10/376 (Economics)

THE JOURNAL OF MANAGEMENT STUDIES

Impact factor: 7.388

2020 Journal Citation Reports (Clarivate Analytics):
30/153 (Business) 35/226 (Management)

JOURNAL OF HUMAN RESOURCE

Impact factor: 5.485 (2020)

SUBSCRIBED MAGAZINES:

- The Economist (UK)
- Time International (ASIA)
- Harvard Business Review (USA)
- Foreign Affairs (USA)
- Reader's Digest (ASIA)
- Bloomberg Businessweek (USA)
- Jahangir World Time (PAKISTAN)

EE SUBSCRIBED JOURNALS

- | | |
|---|-------------|
| ▪ Industrial Electronics, IEEE Transactions on Format: Print | (IF: 8.236) |
| ▪ Antennas and Propagation, IEEE Transactions on Format: Print | (IF: 4.388) |
| ▪ Neural Networks and Learning Systems, IEEE Transactions on Format: Print | (IF: 8.793) |
| ▪ Power Systems, IEEE Transactions on Format: Print | (IF: 6.663) |
| ▪ Cognitive and Developmental Systems, IEEE Transactions on Format: Print | (IF:3.379) |
| ▪ Power Electronics, IEEE Transactions on Format: Print | (IF: 6.153) |
| ▪ Robotics, IEEE Transactions on Format: Print | (IF: 5.567) |
| ▪ Intelligent Vehicles, IEEE Transactions on Format: Print | (IF: 8.8) |
| ▪ Energy Conversion, IEEE Transactions on Format: Print | (IF: 4.312) |
| ▪ Sustainable Energy, IEEE Transactions on Format: Print | (IF: 7.917) |
| ▪ Power Delivery, IEEE Transactions on Format: Print | (IF: 4.131) |
| ▪ Control Systems Technology, IEEE Transactions on Format: Print | (IF: 5.312) |
| ▪ Emerging and Selected Topics in Industrial Electronics, IEEE Journal of Format: Print | (IF: 5.972) |
| ▪ Smart Grid, IEEE Transactions on Format: Print | (IF: 8.96) |

IEEE Magazines:

- Circuit Cellar
- Mag Pi
- Pervasive Computing Magazine, IEEE Format: Print
- Computational Intelligence Magazine, IEEE Format: Print
- Internet of Things Magazine, IEEE Format: Print
- Power Electronics Magazine, IEEE Format: Print

CS Subscribed Journals:

- Pattern Recognition
- Cognition
- Renewable and Sustainable Energy Review

CS Magazines:

- MIT Technology Review (MIT)
- MIT Technology Review (ITU, Pakistan)

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
- AMERICAN SOCIETY OF AGRICULTURAL & BIOLOGICAL ENGINEERS (ASABE)
- CAMBRIDGE JOURNALS ONLINE
- CBI (CENTRE FOR THE PROMOTION OF IMPORTS FROM DEVELOPING COUNTRIES)
- EBRARY
- EDINBURGH UNIVERSITY PRESS
- EMERALD INSIGHT
- IMF ELIBRARY
- INFORMS PUBLS. ONLINE
- ITC (INTERNATIONAL TRADE CENTRE) MARKET ANALYSIS TOOLS
- JSTOR
- SAGE JOURNALS ONLINE - MANAGEMENT & ORGANIZATION STUDIES COLLECTION
- SPRINGERLINK
- STRUGGLES FOR FREEDOM IN SOUTHERN AFRICA
- TAYLOR & FRANCIS JOURNALS

SERVICES:

Sukkur IBA Library is providing state of the art services to its students, faculty and staff.

BORROWING SERVICES:

After having 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.

Undergraduate Students	04 books	14 Days
Graduate & Post Graduate	08 books	14 Days
Teaching Assistants	04 books	14 Days
Research Associates	08 books	14 Days
Faculty	30 books	One Semester
Staff	04 books	14 Days
Other Members	04 books	14 Days

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.

BIBLIOTHECA SELF-CHECK UNIT:

Offering the most ergonomic, user friendly experience, library initiated bibliotheca self-check unit to maximize the day to day productivity of the library. It supports both RFID and EM technology to maintain accuracy and saves the time of the users.

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.

PLAGIARISM PREVENTION SERVICES:

Library is a focal point for the use of Turnitin. A software is being utilized to identify similarities between documents and prevent plagiarism. We offer trainings for faculty and students of the university to effectively use Turnitin to desist from

plagiarism.

LEARNING & SCHOLARS COMMONS:

Sukkur IBA Library established four learning & one scholar commons. These common rooms facilitate users for group discussions. Students and researchers can avail of this facility during library opening hours.

CITATION MANAGEMENT SERVICES:

Library subscribes to and has also identified free citation management software. We offer hands-on trainings to enable faculty and researchers to use them effectively in their research work.

WI-FI CONNECTIVITY:

Library is a hot-spot. Users can access internet on their laptops and other mobile gadgets in the library.

LIBRARY WEBSITE:

Library maintains a dedicated website which is a gateway to library resources, systems and services. Users cannot only access library resources and services through the website but also contact library staff for replies to their library related queries.

www.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 borrowers shall be 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 materials are to be left on the reading table, which shall be shelved by library staff appropriately.
- Complete silence shall be observed inside the library, except for brief subdued talk with the library staff at the circulation desk or any other section of library. However, non-noisy discussion are allowed in designated learning commons.
- Drinking (except water) and eating shall not be allowed inside the library.
- Using of mobile phones and smoking are strictly prohibited inside the library.
- Loud talk/ un-necessary discussion/ disturbance/snoozing etc., shall not be allowed inside the library.
- Non-issuing textbooks will be issued for a shorter period of time in the library premises
- 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 imposed for overdue items. Borrowers are responsible for returning or renewing items by the due date.

If items are not returned within due date, fines become retroactive to the first overdue day at Rs. 10/- per book per day.

Lost books: In case of loss 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 allowed time,

a fine of Rs. 50/- for each hour, other than allowed will be charged.

Disciplinary Fines: Rs. 500/- on first time violation. If the patron continues the violation, the case will be referred to disciplinary committee.

Overdue and fine notices will be sent through official email. All library fines are paid only through bank challan. Library account will be blocked if the fine exceeds Rs. 5,000/-

While returning library books or other materials at the circulation desk, 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 University Administration.

CONTACT @

Amir Subhani

Chief Librarian

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Office No. 071-5644199

Naveed Mustafa

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Office No. 071-5644198



CHAPTER 15

ACCREDITATION AND LINKAGES

**INTERNATIONAL ACCREDITATION
OF PROGRAM
NATIONAL ACCREDITATION
OF PROGRAMS**



Chapter # 15

International Linkages

The Sukkur IBA University has established many external linkages with national and international education institutes and universities, through which the university students get opportunity to have exposure beyond the university premises. These linkages are cemented with MoUs of collaboration in many avenues to increase collaboration between two institutions on different areas including faculty, student exchange programs, promoting cooperation in research and development, carrying out collaborative projects and academic activities, etc.

List of International Partner

S. No.	Full name of partner
01	Asia Institute of Technology (AIT), Thailand
02	British Columbia Okanagan, USA
03	Hainan Tropical University
04	Jiangsu University of China, China
05	Johnson County Community College (JCCC), USA
06	Johnson County Community College, Overland Park, KS. USA
07	Madinah Institute of Leadership & Entrepreneurship (MILE), Kingdom of Saudi Arabia
08	Massachusetts Institute of Technology (MIT), USA
9	North China Electric Power University, China
10	University of Utara, Malaysia
11	Sapienza University of Rome, Italy
12	Simon Fraser University, Canada
13	University of Massachusetts, USA
14	USAID, Agribusiness Support Fund, USA
15	Williamsburg School District (WSD), USA
16	WUHAN University of Technology (WUT), China
17	Xian Jiotong University, China
18	LIUC University, Italy
19	Chung Yuan Christian University-Taiwan
20	SILC Business School – Shanghai University China

International Linkages

International Students Exchange Program

Short- term study refers primarily to studying aboard while still enrolled at the University in one's home country on the basis of Inter-University exchange agreements. Sukkur IBA University' s objective in not necessarily to provide a degree to students but rather to acquire a foreign language, experience of foreign culture or study at University, etc. in a foreign country of region. Sukkur IBA University, has signed MoUs with different National and International Universities to collaborate on different areas. One of the collaborations is Students Exchange Program, through which the student receives education for a semester or several semesters within the academic year, acquiring credits or receives research guidance. Classes are carried out in the language of the country where the educational facility is located or in a foreign language.

Sukkur IBA University is partnered with different International universities and from each department sending students abroad for the exchange program. Below is list of Active Partner Universities, where we send our students for exchange programs.

S. No.	Full name of partner
01	WUHAN University of Technology (WUT), China
02	Sapienza University of Rome, Italy
03	LIUC University, Italy
04	North China Electric Power University, China

So far forty-seven students have been sent for exchange program, and nine students are currently on semester exchange program in the above listed universities.

International Accreditations

Association to Advance Collegiate Schools of Business (AACSB)

Advanced Collegiate Schools of Business (AACSB) provides internationally recognized, specialized accreditation for business and accounting programs at the bachelor's, master's, and doctoral levels. 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 University is a member of AACSB and our application for initial accreditation process has been accepted and mentor is also provided by AACSB. All the required reports are submitted and accepted by AACSB. Currently, Department of Business Administration is working and preparing for the Application for the Initial Accreditation visit.

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 higher education institutions, delivering programs in different modes, enter the market.

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 the member of AMDISA and pursuing for SAQS accreditation under the supervision of its assigned mentor. Currently, the Peer Review Team of AMDISA has visited the Sukkur IBA University.

Prof. Dr Syed Mir Muhammad Shah, Vice Chancellor, Sukkur IBA University (SIBAU), Pakistan is currently serving as the President – AMDISA of its Executive Board.

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 the Talloires Declaration and builds a global movement of engaged Universities. Sukkur IBA University became the member of this network in June, 2013.

European Foundation for Management Development (EFMD)

The EFMD Quality Improvement System (EQUIS) is a school accreditation system. It specializes in higher education institutions of management and business administration, run by the European Foundation for Management Development (EFMD). EQUIS has accredited 172 institutions in 41 countries around the world. Currently, Sukkur IBA University is a member of EFMD and pursuing for EQUIS accreditation.

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 criteria. Our business programs are re-accredited by this council for a period of five (05) years and awarded "W" category.

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 standards followed in different Universities, Degree Awarding Institutions and their affiliated colleges offering computing degree programs. 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 professional competence and ethics for engineers. PEC accredited our B.E Electrical (Telecommunication) Engineering programs.

National Accreditation Council for Teacher Education (NACTE)

Higher Education Commission has set-up an accreditation authority, National Accreditation Council for Teacher Education (NACTE). NACTE will look after the matter 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 will periodically evaluate, scrutinize and monitor the standards followed in different Universities, Degree Awarding Institutions and their affiliated colleges offering education degree programs. NACTE accredited our B.Ed. Hons Program, and awarded category "X" to Education Department of Sukkur IBA University.



CHAPTER 16

CENTER FOR ENTREPRENEURIAL LEADERSHIP & INCUBATION (CEL&INC)

**ENTREPRENEURSHIP DEVELOPMENT PROGRAM
ACTIVITIES FOR ENTREPRENEURSHIP
PROMOTION & ECOSYSTEM DEVELOPEMENT**





Chapter 16

Center for Entrepreneurial Leadership and Incubation-CEL&Inc.

“ With us turns your passion into profit ”

INTRODUCTION:

Sukkur IBA University (SIBAU) assigns utmost importance to entrepreneurship. Under the patronage of management of the SIBAU, a unique and innovative journey for the establishment of the Center for Entrepreneurial Leadership and Incubation (CEL&Inc.) took place on September 28, 2012. The management aimed to promote the culture of entrepreneurship in the region. Resultantly CEL&Inc. designed programs that aim to contribute to vibrant tech and agro-based economy in the region. The current umbrella of programs provides a conducive environment to nurture new and innovative ideas into economically viable products and services. The stated conducive environment provides the culture of innovation, incubation services, collaboration, entrepreneurship curriculum development, entrepreneurial research, conferences, training and development, community interventions, mentorship, and global outreach programs. The CEL&Inc. provides specific support to young entrepreneurs in the form of training and development and connects them with national and international stakeholders through its existing networking. The management of CEL&Inc. is convinced and determined that entrepreneurship is the solution for youth unemployment and the country's economic development. Keeping in view the importance of entrepreneurship, CEL&Inc. trains students, alumni, aspiring entrepreneurs, SMEs, and members of the local community in materializing their entrepreneurial dreams with a specific focus on women entrepreneurship development.

Our vision is to develop a robust, vibrant, tech, and agro-based economy in Sukkur and beyond by developing an entrepreneurial ecosystem, culture, and practices that will support entrepreneurs and innovative startup businesses. Whereas, our mission is to offer a University-driven platform and research solutions relevant to regional needs and adjustable to the national context through the collaboration of HEC, university, state, and corporate sectors. Our goals are (1) To provide a conducive environment for aspiring entrepreneurs to grow and expand efficiently. (2) To create jobs and entrepreneurial opportunities in the Sukkur region and beyond. (3) To build a portfolio of tech and agro-based companies for focused change in tech and agro-based economy. In order to achieve our goals we are offering following services:

- (a) Enterprise Development
- (b) Consultancy Network
- (c) Entrepreneurial Synergy
- (d) Access to Funding Sources

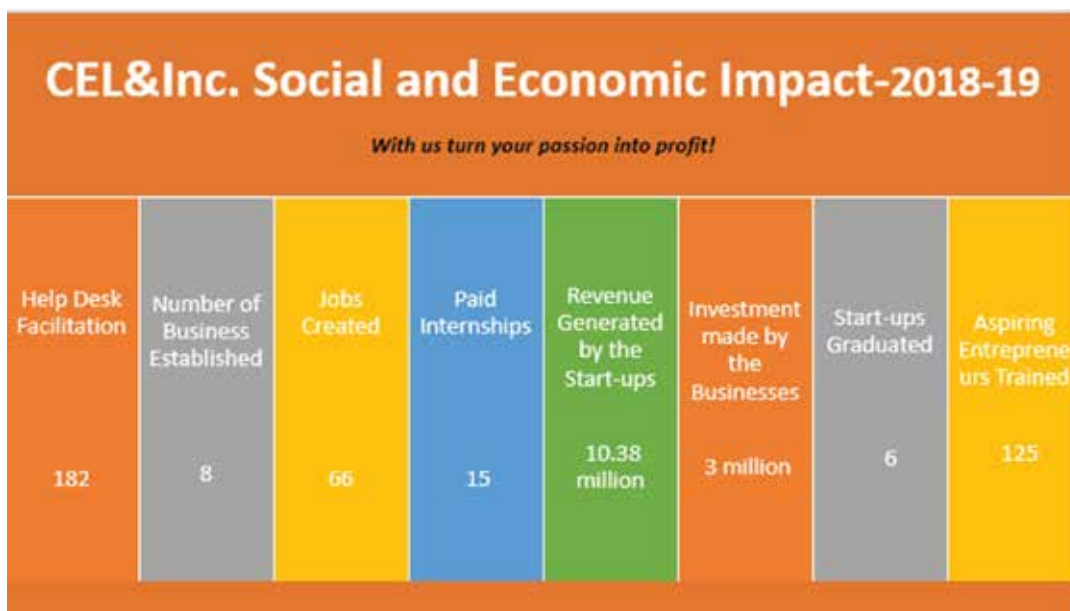
- (e) Flexible Space
- (f) Shared Services
- (g) Entrepreneurship Development Program
- (h) Entrepreneurship Development Projects

CEL&Inc. featured programs

The CEL&Inc. entrepreneurship programs are designed for different sections of society, i.e., students, aspiring entrepreneurs, SMEs, women, and community entrepreneurship, to help them to develop entrepreneurial skills and learn the entrepreneurial process for the launching of innovative and successful startups which benefit the society, nation and world at large. The CEL&Inc. programs focus on regional problems and entrepreneurial solutions for them. Program participants are encouraged to take advantage of the entrepreneurial ecosystem of CEL&Inc. and broaden their understanding of entrepreneurship and become creative, innovative, and entrepreneurial leaders whose passion for entrepreneurship is lifelong. The key programs of CEL&Inc. include on entrepreneurship help-desk, women entrepreneurship development program (WED), incubation, seasonal start-ups, necessity entrepreneurship development program (NEDP), Dice Chapter, SIBAU Entrepreneurship Boot-Camp, Hult Prize, Ek Din Ka Sale, E'Ship Corner, SIBAU Entrepreneurship Society and Recognition of Prior Learning (RPL).

CEL&Inc. Social & Economic Impact 2018-19

The CEL&Inc. remained focus to economically impact the community at large and contribute to national economic development. The CEL&Inc. programs hence remained focused on the output of the initiates which resulted into the help desk facilitation of 189 aspiring entrepreneurs and SMES, established 8 new businesses in the area of IT, services, garments, education and social enterprise. The overall start-ups generated 66 employment opportunities full time, part time and 15 paid internships. The incubated start-ups generated 10.38 million revenue from their operations and made new investment of 3 million. During the year we graduated 6 start-ups and trained 125 aspiring entrepreneurs to possibly be inducted into the incubation program.



Few other events of the year are highlighted below for the promotion of entrepreneurship within the campus, community and in the region:

SIBAU Entrepreneurship Boot Camp

Sukkur IBA Entrepreneurship Society (SIBAES) and CEL&Inc. Sukkur IBA University (SIBAU) organized SIBAU 2nd Business Plan Boot Camp on 11th and 12th July 2019. The Boot Camp was aimed to develop a bankable business plan so that participants could secure finance from venture capitalists and financial institutes. During the Boot Camp, participants developed business plans, financial statements and support documents and pitched the ideas. One on one coaching and continuous review and recommendations were also the part of Boot Camp. In the end, participants received business plans, pitch decks and certificates. The occasion was graced by worthy Vice Chancellor Prof. Nisar Ahmed Siddiqui.

DICE VIC'19

Sukkur IBA University organized one-day mega event of DICE VIC-2019, consisting of innovative competition among the youth from various universities, on October 27th. The day started with the Round -01 Ad War in which participants showed the advertisement of their innovative Business Ideas. Advertisement was judged by the jury from Corporate and Sukkur IBA University Panel.

The second round was of "Business Plan Pitching". Out of 117 Ideas, only 20 Teams succeeded in presenting their Business plans before the jury. In concluding remarks the Chief Guest of the event Vice-Chancellor, Sukkur IBA University, Prof. Nisar Ahmed Siddique thanked the Jury members, organizing team, students and other participants, saying, all the participants worked hard to make this event successful. Later, he distributed Prizes, Shields and certificates among winners, jury and organizing team.

Ek Din Sale Ka

An entrepreneurial event "EK DIN SALE KA" for SIBAU students, faculty, and staff was held on 25th January 2020, by the Center for Entrepreneurial Leadership and Incubation (CEL&Inc.), Sukkur IBA University (SIBAU), and the Sukkur IBA Entrepreneurship Society. The objective of the event was to provide a platform and ecosystem for aspiring entrepreneurs to practise, showcase, and experience the entrepreneurial phenomena. The 12 entrepreneurial ideas were practiced that included sales and services, food, games, garments, and accessories. Students, faculty and staff members of the SIBAU family attended the event.

HultPrize 2020

In 2009 Hult International Business School MBA student Ahmad Ashkar founded a company to give his then peers around the world a platform to have sustainable, profitable impact, with a focus on the creation of a new kind of business which was dubbed, "the impact enterprise". Today, the Hult Prize is one of the world's most acclaimed entrepreneurship programs operating on more than 1500 university campuses in 121 countries and has become a benchmark startup challenge for social entrepreneurship. Keeping in view the wider impact and platform of the Hult Prize Sukkur IBA University and Hult Prize signed MoU to organize Hult Prize challenge every year at SIBAU campus. The first event under the MoU was organized on 4th December 2017 and two groups of the students reached the regional finals of Hult Prize at US. This year in 2020 the theme of the event was Bold Businesses for Better Planet and teams from all of the departments of SIBAU participated in the competition through their innovative solution and ran for the title. Team PayChain stood winner with team Lock Infinity as first runner-up and team Green Vision as 2nd runner-up. Campus Director Hult Prize Mr Pardeep Kumar student of BBA-V at SIBAU under the supervision of Mr Ikhtiar Ahmed Khoso, Director CEL&Inc., took the lead of the event, whereas, Mr Imran Jattala founder Hult Prize Paksitan chapter and Dr Bilal Mriza, HoD Business Ad Iqra University and Director CEL&Inc. Mr Ikhtiar Ahmed Khoso and Dr Altaf Hussain Samo Director EDC remained the jury member for Hult Prize 2020. The Competition was organized by Center for Entrepreneurial Leadership and Incubation Sukkur IBA University in Collaboration with Hult prize Challenge. At the end of the event Director CEL&Inc., Mr Ikhtiar Ahmed Khoso and HoD, Education Department SIBAU, Dr Zafarullah Sahito distributed Shields and Certificates among the winning and runner-up teams

Digi Skills Awareness

Center for Entrepreneurial Leadership and Incubation Sukkur IBA University in collaboration with DigiSkills, Ignite and Epiphany organized awareness session regarding importance of DigiSkills for the students of Sukkur IBA University on 20th January 2020, in this session students from all the departments of the university participated. During the session students were guided about recently launched batch of Digiskills and introduction of ten new courses of the program. The purpose of this session was to provide awareness regarding importance of free lancing nationally and internationally and how our youth can get benefit from it without any discrimination of qualification. Number of success stories were shared with students maintaining how others have benefitted from free lancing. A panel discussion was also arranged comprising of senior panelists Mr. Ikhtiar Ahmed Khoso, Director CEL&Inc. Dr Samar Raza Campus Director IET Khp and Dr Abdul Rehman Gilal Associate professor at SIBAU who shared their views regarding importance of DigiSkills. Ms Samar head of Epiphany moderated the talk.

One Day Workshop on Emerging Technologies

Sukkur IBA University (SIBAU) organized a One Day Workshop on Emerging Technologies on 28-02-2020 from 9:00 AM to 4:00 PM at 2nd floor of Knowledge Center. The objective for the workshop was to make the participants aware of the challenges worldwide communities are about to face for major disruptions due to Automation, supported by 7 emerging technologies including AI, 3D Printing, Augmented Reality, Block-chain, IoT, Smart Robots,

and Intelligent Vehicles. Knowledge of this disruption and how these technologies can transform the jobs of the future is critical for the success in the current scenario and important for students counselling during class for the future job market.

Launch of NAVTTC Hi-Tech Course

Sukkur IBA University and NAVTTC inked MoU to train 200 candidates in emerging technologies under Kamiyab Jawan Program. The university selected 200 students under eight Hi-Tech courses. These students will make it to the market and will become bread earners for their families. The certificates provided will be internationally recognizable, especially in the gulf countries.



CHAPTER 17

EXECUTIVE DEVELOPMENT CENTER (EDC)

TRAINING FACILITIES

TRAINING PORTFOLIO

SKILL DEVELOPMENT

PROGRAM FOR PROFESSIONALS

CSS PREPARATORY PROGRAM





Chapter 17

EXECUTIVE DEVELOPMENT CENTER (EDC)

Executive Development Center (EDC) Annual Report 2019-20

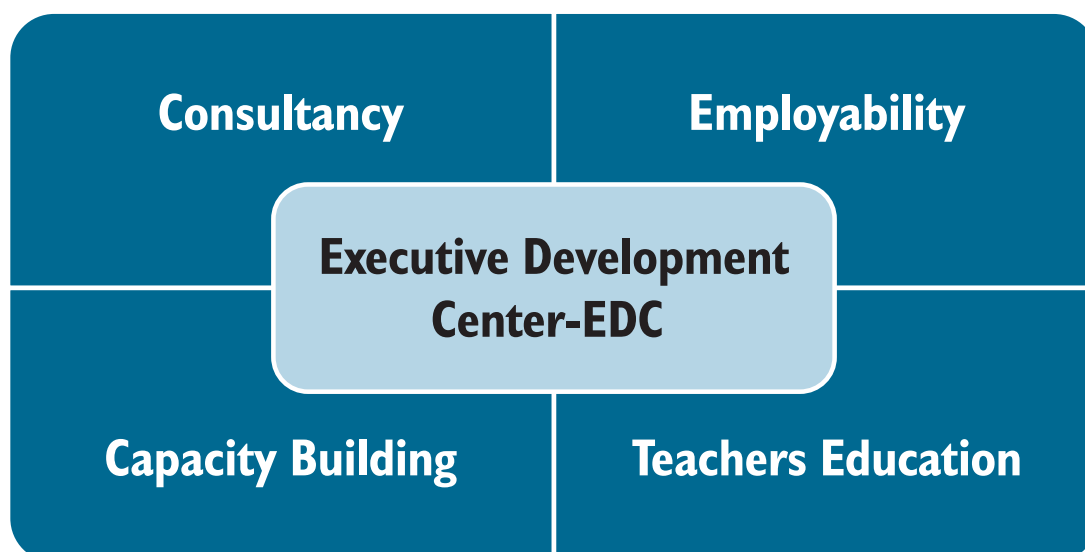
To assist business organization through consultancy and executive education, Sukkur IBA University established Executive Development Center (EDC) in 2013, to provide technical and managerial skills development programme to corporate as well as public sector employees. In 2016, Executive Development Center shifted to newly established building which is solely dedicated for training and development programmes.

Vision

To become the leading center of the region for transformational executive education at global level of excellence.

Mission

To develop leaders and managers in both public and private sectors by incorporating research and market-oriented knowledge. We strive to enhance individual and organizational competencies through high quality training and consultancy using state-of-the-art technology. Our aim is to equip executive, who become ethically and socially responsible at global level.



Executive Development Center - Strategic Goals

1	Consultancy	1.1 Strategic Goal: To provide result based, quality and cost effective training consultancy for business organizations
		1.2 Strategic Goal: To provide educational services for quality education in rural areas of the region.
2	Employability	2.1 Strategic Goal: To Produce employable youth through skill development program
		2.2 Strategic Goal: To provide professional executive education on emerging technologies like 3D printing, Big Data Analytics and Block chain technology.
3	Capacity Building	3.1 Strategic Goal: To provide quality, cost-effective training designed to increase individual and organizational productivity and enrichment.
		3.2 Strategic Goal: To develop advance leadership skills through executive education to effectively navigate challenges related to rapid growth and changes in strategic direction.
4	Teachers Education	4.1 Strategic Goal: Provide early, sequential teaching experiences that incorporate growth and development concepts.
		4.2 Strategic Goal: Develop executives who foster a teaching-learning environment by effectively managing, organizing and monitoring the learning of students.
		4.3 Strategic Goal: To develop the leadership and governance skills in head teachers for providing quality education.

Team EDC

Sukkur IBA Executive Development Center is being operated by a highly professional and commendable team under the visionary supervision of Vice Chancellor Sukkur IBA, Prof. Nisar Ahmed Siddiqui.

Prof. Dr. Altaf Hussain Samo	Director EDC / Professor
Sayed Kamran Ali Shah	Deputy Manager Logistics & Coordination EDC
Rahatullah Khan	Assistant Manager Communication and Digital
Mr Zafar Iqbal Gujjar	Accounts Officer / Admin
Ms Shireen Soomro	Trainer EDC Science
Mr Muhammad Zubair	EDC Trainer Mathematics
Ms Paras Chandio	Chinese Instructor
Mr Saqif Ansari	Assistant Professor English
Ms Sahiba Inayat	CSS Coordinator
Mr Sarfaraz Ahmed	I.T Executive
Ms Rumaisa Siddiqui	Receptionist

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 Room
- 16 Executive Suites
- In-House Executive Dining Facility for 150 participants
- On Campus Executive Fitness Center
- 04-06 Discussion Rooms
- 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 2019 - 2020

Sukkur IBA EDC has worked with Sindh Education Foundation for their AALTP training project during 2019-20. Following are the details of other projects carried out during 2019-20.

Sindh Education Foundation AALTP Teachers Training Project

(January 2018 – March 2020)

Recognizing the challenges in imparting Non-Formal Education (NFE) to Out of School (OOS) Adolescents and Adults, who have missed the opportunity to avail themselves of education in their early phase of life, Sindh Education Foundation plans to employ methods aimed at pedagogical enhancement under the AALTP.

To enhance the capacity building of teachers of SEF AALTP Program, Sukkur IBA has been awarded SEF AALTP Teachers Training Project to train more than 600 teachers throughout Sindh. Teachers will be trained on the topic of Science, English, and Mathematics with added focus of Urdu and Sindhi for Grade Katchi to 5 Teachers. The trainings under this project is being conducted at Sukkur, Khairpur, Naushero Feroz, Larkana, Hyderabad, Mirpurkhas, Dadu, Badin, Thatta, Sanghar, Shaheed Benazirabad, Umerkot and Karachi.

It is a 15-day comprehensive training program, each group of 40-45 participants is being trained for 15 Days.



Establishment of Center of Excellence for Result Based Management (CERBM) at University of Baluchistan with Support of UoB through Governance and Policy Project, Balochistan (September 2019 – June 2020)

University of Balochistan in partnership with Sukkur IBA University, has been awarded Governance and Policy Project by Government of Balochistan to establish Center of Excellence for Result Based Management at University of Balochistan.

Overall objective of the project is to operationalize a viable CERBM for a consistent and centralized roll-out of RBM initiatives in support of 2030 agenda. The UoB will:

1. Set up CERBM to help the Government departments, in charge of the RBM adoption to consolidate and structure RBM services and internal processes for continuous improvement and:
2. Provide one window access to the government in-house experts and knowledge resources locally available at the university but also to the network of experts available at other provincial, national and international academia and organizations
3. Provide Technical Assistance (TA) for monitoring & research activities for PSDP projects, impact studies, imparting trainings with collaboration of nationally recognized institute to relevant government officials and beneficiary Departments.



Demand Based Training for SMEs under National Business Development Program (NBDP) by SMEDA (October 2019 – April 2020)

Sukkur IBA University EDC has been qualified to intake demand-based training programs for small and medium enterprises of Pakistan. More than 50 trainings conducted for SMEs in the period of November 2019 – April 2020. Sukkur IBA EDC organizes trainings on following topics throughout Pakistan from Karachi to Azad Kashmir.

- Brand Management
- Small Business Management
- Sales & Marketing



TAJ-SIBAU Innovative Business Idea Competition

Organized Innovative Business Idea Competition among the prosperous youth within 400 radius of Sukkur region. The purpose of the program was to generate pool of innovative business idea that my provide solution to community needs of the region.

Registered Participants go through a one-day training program to further improve their ideas. At the end, a competition was held to select the best ideas for seed funding of Rs. 1 Million. More than 50 ideas registered in this competition and final 25 were selected for presentation.

Capacity Building of Civil Society Organization on NPO Management (October 2019 – December 2019)

Sukkur IBA University in collaboration with PAHEL Pakistan is going to organize a training for Civil Society Organization on NPO Management. This provides CSOs a platform where they can share best practices, network and develop collaborative approaches for increased effectiveness and sustainability of their work. Moreover, activity (will augment the Pluralism Center for Peace as a hub and central point for holding capacity building trainings for CSOs working on CVE. These CSOs lack capacity in terms of systems, operations, program design and management; therefore, they are not able to build strong linkages with provincial line departments (government).

Therefore, 06 day-training has been designed for 60 Civil Society Organization – CSO on following themes.

1. Strategic Planning & Leadership
2. Project Management / Monitoring & Evaluation
3. Financial Management / Procurement
4. Human Resource Management
5. Countering Violent Extremism and Youth Engagement



Following customized training have been organized in the period of 2019-20

Training Name	Beneficiary	No of Participants	Duration	Sponsors
Procurement Management Workshop (Dec 30, 2019 -Jan 03, 2020)	Public Sector Executives	17	420,000	5 Days
Critical Thinking (November 21, 2019)	SBP Officials	15	50,000	01 Day
Conflict Management (November 12, 2019)	SBP Officials	15	50,000	01 Day
03 Day Training on Improving Personal Effectiveness (October 24-26, 2019)	NAB Officials	12	500,000	03 Days

Online Webinars Organized (June 2020)

Webinar Name	Date	Speaker
CSS Awareness Seminar	June 20, 2020	Renowned CSPs
Pedagogy in Transition: Changing Dynamics of Knowledge	June 11, 2020	Dr. Al Karim Datto
Global Talent Mentoring (Awareness Session)	June 04, 2020	Through World Giftedness Center,
Entrepreneurship in Impoverished Communities	June 08, 2020	Jeremy Hall and Stelvia Matos

CSS Program at Sukkur IBA University EDC

Sukkur IBA started the program of CSS Preparatory Classes in 2013 in coordination with the district administration of Sukkur. Program has brought wonderful results by upgrading educational standard. In this short period of 5 Years, Sukkur IBA has produced 10 candidates, who have qualified different competitive exams and appointed as Assistant Commissioners at different district management groups. Apart from this, lot of students appeared and were appointed in other commissioned / competitive exams under federal government for different posts. In the period of 2019-20, despite COVID-19 two batches have been prepared for CSS Competitive Exams. Classes were conducted online as well as face to face.



08 Alumni from our CSS preparatory classes cleared CCE-18 written exams and have been allocated to PMS and other notable positions.

Short Courses Program 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 8th batch of Skill Development Program is going on. Following short courses we announce quarterly.

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. Advanced Excel
11. Advanced Management
12. Cyber Security
13. Emotional Intelligence
14. Web Development
15. Graphic Designing
16. Chinese Language Skills



Diploma in Early Childhood Education

Based on the emerging significance of learning during the early years of human life Early Childhood Care and Education ECCE is becoming a priority for many educational institutions around the world. According to the research insights, the quality of children's learning at the earlier stages of their life has significant implications for their educational success at the later stages.

In this context, Sukkur IBA University Executive Development Centre started to offer a diploma course in Early Childhood Education (ECE) for the practising and prospective teachers to improve their understanding and enhance their career choices. At Initial level, Sukkur IBA EDC began to offer it with a short course for 03 months period. In second phase, EDC offered a one year diploma from February 2019. We have now completed 1st batch of ECE diploma and 2nd batch of ECE diploma has been in progress since October 2019.



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 its following clients.

1. International Relief Development-IRD
2. Sindh Agriculture Growth Project (SAGP)
3. LU Continental Biscuits
4. Plan Pakistan
5. Unilever
6. Nestle
7. Pepsi (Sukkur Beverages)
8. Coca Cola
9. Bayer Group
10. Aga Khan University
11. Sindh Education Foundation
12. Sanofi Pakistan
13. Soneri Bank Limited
14. Delloite Yousuf Chartered
15. Engro Foods Ltd
16. Ufone



CHAPTER 18

GREEN OFFICE INITIATIVE COMMUNICATION STRATEGY

EVENTS & ACTIVITIES





Chapter # 18

Green Office Communication Strategy

Events & Activities

Green Office

Green Office was started in collaboration with WWF Pakistan for environmental sustainability. The program aims 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 a reduction on the environmental burden and the use of natural resources in a positive manner.

Sukkur IBA University 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.

Green Office Practices:

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

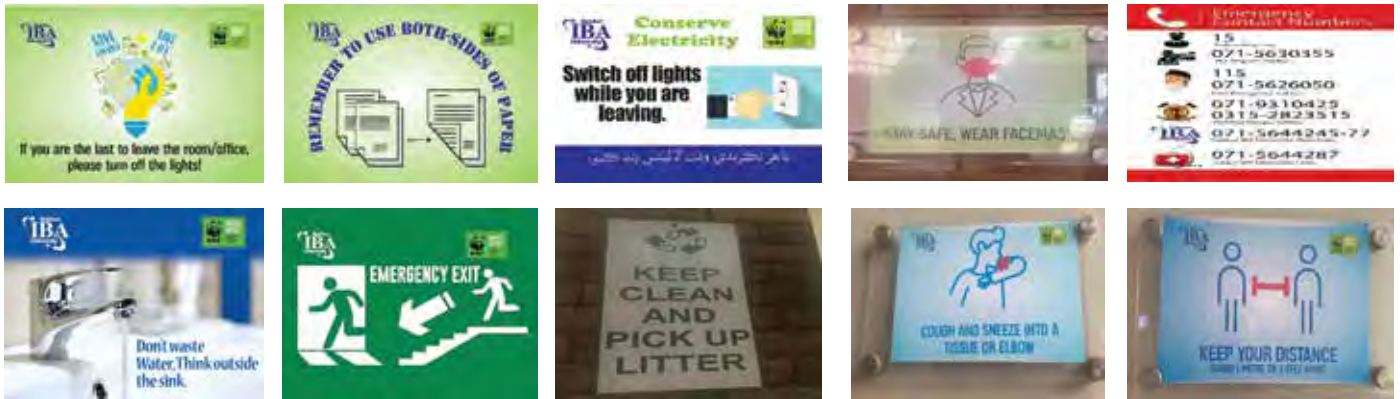
Sukkur IBA University implemented a green building concept by providing a double-leaf cavity wall with polystyrene sheets (jambolan) in between the cavity walls and also in a rooftop. The buildings are designed by providing enhanced circulation areas, double-leaf cavity walls, and large aluminum windows. This program provides a real solution, and the tools and resources we need to implement them.

Sukkur IBA University focuses on the following categories:

- | | |
|--------------------|--------------------|
| 1. Energy | 6. Paper reduction |
| 2. Events | 7. Transportation |
| 3. Recycling | 8. Communication |
| 4. Waste reduction | 9. Health/ safety |
| 5. Publications | 10. Purchasing |

Sign Boards for the reminder:

Acrylic signboards have been fixed to the walls of Sukkur IBA University as reminders to emphasize the efficient use of natural resources, for instance, electricity, paper, and water consumption, safety and health measures.



Separate bins have been placed to properly dump the recyclable, organic, inorganic wastage.



Health and Safety:

To create healthy environment at Sukkur IBA University many initiatives have been taken, for instance, health and safety events are organized for creating awareness among employees and students. Instructions and suggestions related to health and safety are communicated via emails and also have been pasted to various areas of the campus. Safety audits are conducted to ensure the safety at the campus. In various areas of campus, fire extinguishers have been installed to keep safe from the fire and hazardous issues to the Sukkur IBA University.

Implementation of Green Practices

Employees and students of Sukkur IBA University implement the following practices

a) Energy Conservation

Employees and students:

1. Turn off lights when not in use and use natural light when possible.
2. Turn off all computers, terminals, speakers, and other office equipment at the end of every workday.
3. Activate the power down features on the computer and monitor to enter into a sleep mode when not in use.
4. Unplug equipment that drains energy even when not in use (for instance, fans, tea makers, desktop printers, cell phone chargers).
5. Use the stairs when possible.
6. Utilize video conferencing and conference calls as an alternative to travel when possible.

b) Reduction of Materials Consumption

Employees and students:

1. Avoid using paper.
2. Distributing and storing documents electronically.
3. Print and photocopy only what is needed and double side printing when possible.
4. Use the backside of old documents.

c) Minimize Waste and Increase Recycling**Employees and students:**

1. Use durable reusable cups, beverage containers, and plates.
2. Recycle paper, paper products, and plastic.

d) Commitment to Green Purchasing**Employees and students:**

1. Use Energy Star office equipment.
2. Use LED lights.
3. Use environmentally sustainable Electronic Appliances.

e) Cleanliness

Employees and students maintain cleanliness across Sukkur IBA University.

f) Safety/health

Employees and students maintain healthy practices on campus.

To sensitize students about green practices.

We at Sukkur IBA University sensitize to students for environmental sustainability and green practices by visiting and discussing with them in their classes.

Plantation Drive 2020:

Tree Plantation Drive - 2020 was organized by Green office. Faculty and staff of Sukkur IBA University planted trees beside the Campus. There is a growing global consensus that the world has recently been threatened by climate change with a substantially adverse impact on our ecosystem. It is high time to take serious measures and plant trees on a massive level as they provide oxygen, store carbon, help conserve soil and water, prevent desertification and natural disasters such as landslides. The launching event was also attended by the Faculty and Staff of Sukkur IBA University.

**Pink Ribbon Campaign:**

Pink Ribbon Campaign Pakistan 2019, was organized at Sukkur IBA University.

Higher Education Commission Pakistan in collaboration with Pink Ribbon Pakistan celebrates Pink Ribbon Campaign in the month of October at universities and colleges across Pakistan. This year the theme of this PINKtober is "Become a Better You" which revolves around a healthy lifestyle. Pink Ribbon Pakistan strives to significantly reduce breast cancer mortality in the country by creating widespread awareness of early detection and increased access to treatment. This Campaign focuses on a "healthy lifestyle" as maintaining a quality life. The Corona outbreak has also led to a state of realization that maintaining a healthy lifestyle for well-being is very important.

Plastic Pollution Awareness Session:

Green Office, in collaboration with Go Green Society, organized an awareness session about "Plastic Pollution in 2019, the session was started by the recitation of the Holy Qur'an. Ms Tabasum, AM Safety and Environmental Sustainability, took to the stage to give a presentation about the effect plastic pollution has on the environment and the extent of the problems. In his concluding remarks, Dr Niaz Ahmed Bhutto, HoD Business Administration, conveyed the importance of practicing environment-friendly behavior. The audience also took an oath to reduce their plastic usage to bare minimum and reduce waste. The ceremony was concluded with the distribution of cloth bags among the audience. Sukkur IBA University has banned the use of plastic bags on-campus and encourages everyone to take the practice home as well.



Earth Day 2019:

Green Office in collaboration with Go Green Society organized Earth Day 2019. Earth Day is a worldwide event, observed to celebrate the planet's environment. The Earth Day celebration comprised three segments i.e. Presentation Contest, Environmental Video Contest, and Painting Contest. The criteria for judging in these competitions ranged from the creativity of the projects presented to effective communication, among other factors. The winners were awarded cash prizes and certificates.



Earth Hour 2019:

Green Office in collaboration with Go Green Society organized Earth Hour 2019. Earth Hour is the world's largest movement for the environment, inspiring millions of people to take action for the planet and nature. It is a global campaign to promote energy conservation and invites everyone to turn off lights and appliances for one hour for the sake of the planet.

Flower Exhibition 2019:

Flower Exhibition 2019 was organized in Sukkur IBA University, in which many varieties of colorful flowers were put on display. Head Gardener received a mega prize of Rs. 50000, certificates and cash prizes were also distributed among gardeners. Large number of people visited the exhibition.



Green Office Sukkur IBA University has been awarded by WWF

Green Office Sukkur IBA University won awards by WWF in the following categories:

1. Extraordinary effort towards the expansion of Renewable Energy
2. Highest Reduction of waste Generation (2012 – 2019)
3. Highest Reduction of Fuel Consumption (2014 – 2019)



Environmental Sustainable Initiatives:

• Solar Energy System:

For energy conservation and saving natural resources, Solar Energy System has been installed at Sukkur IBA University. The specification of this system covers the supply of photovoltaic solar system that is operated in conjunction with a D.C generating set to provide necessary AC power supplies to Sukkur IBA University. This project produces 900 KW of electricity through the solar energy system.



ERP (Enterprise Resource Planning):

ERP (Enterprise Resource Planning) is designed to implement paperless environmental practices at Sukkur IBA University. The term refers to the system of integrated applications, which are used to operate the automation 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, fills the form of performance appraisal, views payslips, and maintain personal information, qualification, and experience.

FSCM (Financials and Supply Chain Management) automates the operations related to the finance and procurement department. Apart from the 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 University. It is a unique and comprehensive software. CMS at Sukkur IBA University acts as a bridge of communication between students, faculty and management of the institute. It hosts the features that allow users to maintain the academic history of students with complete transparency in records and provide a medium for teachers, staff, and administration to work in harmony.

Green Marketing:

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

Green HR:

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

Environmental Impact of Green Office Initiative: Reducing Carbon Emission

1. Insulation of Walls (with jambolan sheets)

Sukkur IBA University is located in a very hot region, where the 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 a cavity in between) in the building infrastructure, that cavity is filled with jambolon sheets to reduce the heat impact inside the building. Jambolon sheets (Polystyrene product) are 8ft by 4ft in size and 2 inches thick.

2. Insulation of Roofs (With Insulation Tiles)

(CCTile + Lightweight Cellular Concrete +Thermo Pore)

Matrix Company in association with Concrete Measures has developed a 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 the following benefits:

1. Excellent finish in a 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:

Various kinds of bins are placed at the campus for supporting the environment, and the use of reusable cups is encouraged in the offices instead of disposable cups.

First Academic Institution to get the Green Office Certification:

Sukkur IBA University is the First University in Pakistan to get the Green Campus/Office Certification by WWF Pakistan. Sukkur IBA University has always strived to benefit this country and its citizens through various green initiatives. Sukkur IBA University will always strive to set the path for others to maintain the environmental sustainability.

Conclusion:

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



CHAPTER 19



SIBA UNIVERSITY TESTING SERVICES (STS)

INTRODUCTION

CORE VALUE

STS BOARD OF DIRECTORS

STS MANAGEMENT

PRODUCT/TEST

CONSULTING SERVICE

CLIENTS

• **STS RESOURCES**

ACHIEVEMENTS GRAPH

TESTING PERFORMANCE GRAPH





Chapter # 18

SIBA Testing Services

Introduction

Sukkur IBA University through years of untiring struggle has earned good reputation and credibility not only for its degree programs, but also in various public and private sector institutions in recruiting right people for the job and selecting the right and talented students for admission.

Core Values:

STS continuously strives for merit, quality and excellence throughout its activities to improve systems and procedures by using state-of-the-art technologies. Above all, STS believes in transparency in system, integrity, commitment, ownership and reliability.

Legal Status

SIBA Testing Services (STS) is working as a Not-for-Profit Company Limited registered under Section 42 of the Companies Ordinance 1984 regulated by Securities & Exchange Commission Pakistan (SECP). STS is managed by Sukkur IBA University. It is a self-sustaining and autonomous organization, which works under the directions of the Board of Directors and management of STS, who are the nominees by Sukkur IBA University

STS Board of Directors:

1. Prof. Dr Syed Mir Muhammad Shah, Vice Chancellor, Sukkur IBA University
2. Prof. Dr Engr Zahid Hussain Khand, Registrar, Sukkur IBA University
3. Dr. Sher Muhammad Daudpota, Director QEC, Sukkur IBA University

STS Management:

1. Prof. Dr Syed Mir Muhammad Shah, Chief Executive Officer (CEO) STS
2. Prof. Dr Engr Zahid Hussain Khand, Director STS
3. Prof. Dr Sher Muhammad Daudpota, Director STS
4. Mr. Muhammad Junaid Dhalet, Company Secretary STS
5. Mr. Feroze Ahmed Mahar, Additional Director Finance STS
6. Mukesh Kumar G. Chawla, Legal Advisor STS
7. Arif & Co., Auditor

Product / Test:

SIBA Testing Services (STS) offer services in following categories,

- Marketing Assessment test
- IT Professionals test
- Screening test
- Scholarship based Programme entry test
- Office management test
- Physical test
- Psychometric test
- Behavioral test
- Situational test
- Online Video based test
- E-Marking Assessment

**Consulting Services**

STS experts not only offer testing services all across Pakistan, but also offer consulting services, capacity building, training, technical/software based support and other solutions to public and private organizations, as well. Apart from this, STS is ever-ready to meet clients' needs as per following:

- i. HR Consultancy services i.e, SoP Making, HR operational producer preparation and payroll
- ii. Performance and Recognition System
- iii. Training services through TNA basis
- iv. HR Metrics services
- v. Financial system implementation
- vi. Teachers' training and professional development
- vii. Strategic plan for organization
- viii. Project Identification, design, monitoring and evaluation
- ix. Baseline survey and Research and its impact
- x. Test preparation and conducting
- xi. Shortlisting of applicants
- xii. Conducting demos lectures and interviews

**Clients:**

List of Major Clients

1. Schools Education and Literacy Department, Govt. of Sindh
2. Sindh Textbook Board Jamshoro
3. Sindh Rural Support Organization
4. DG M&E, Education and Literacy Department
5. OGDCL National Talent Hunt Program
6. Sindh Police Govt: of Sindh
7. Shaheed Mohtarma Benazir Bhutto University Larkana.
8. Shaikh Ayaz University, Shikapur
9. Khairpur Medical College
10. High Court of Sindh Karachi
11. Economic Reform Unit, Govt. of Sindh
12. Anti-Corruption Court, Hyderabad
13. District & Sessions Court, Shikarpur
14. Office of the Anti-Encroachment Tribunal, Larkana
15. Govt. Boys Jajh Regulator & Tando Mir Ali High School, Khairpur (EMO's Project of USAID)
16. Govt. Boys High Karoondi School (EMO's Project of USAID)
17. IBA-Institute of Emerging Technologies Khairpur & its Allied Govt. IT Center
18. District and Session Court-Karachi Malir
19. District and Sessions Court Dadu
20. District and Sessions Court, Thatta

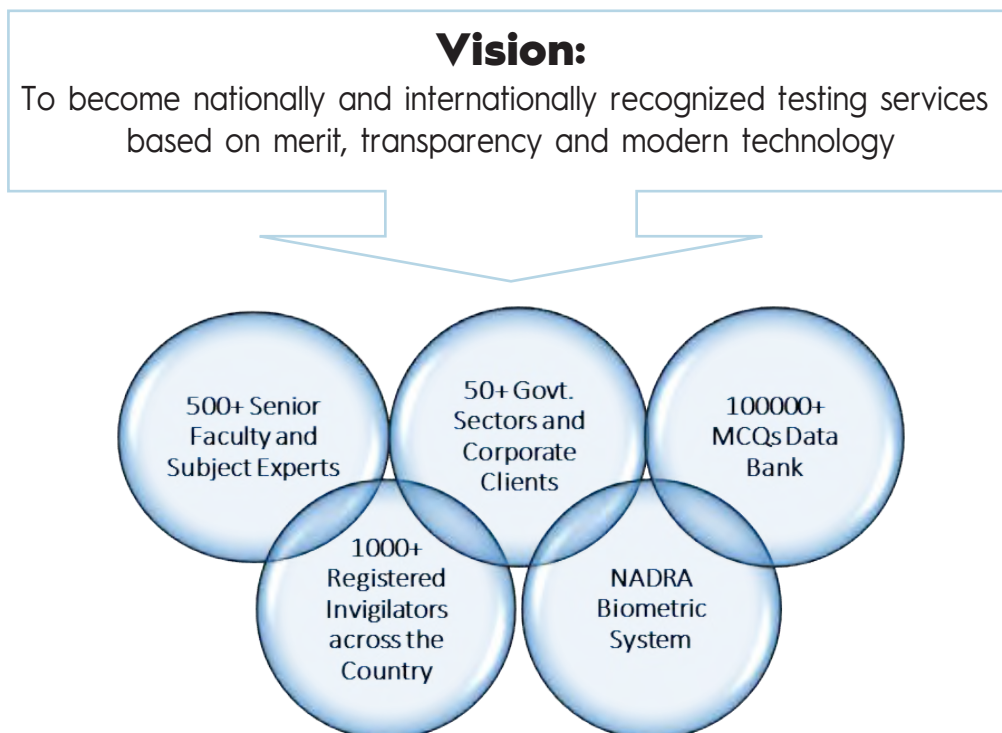


21. IBA-Public School Sukkur
22. Consumer Protection Court, Sindh High Court, Karachi
23. Sindh Teachers Education Development Authority, Karachi
24. Directorate of General Health Services Department, Govt. of Sindh
25. Shah Abdul Latif University Khairpur
26. Directorate of Nursing, Health Department
27. BBSUTSD Khairpur
28. District Health Office Khairpur
29. District Health Office Sukkur
30. Ghulam Muhammad Mahar Medical College Sukkur
31. Public Private Partnership SELD, Govt. of Sindh
32. IBA Community Colleges & Schools
33. Sukkur IBA University & Its Campuses
34. District & Sessions Court Mithi
35. Sindh Revenue Board
36. District & Sessions Court, Karachi South
37. District & Sessions Court, Karachi West
38. Sindh School Education Scholarship Program (SSESP 2021-22)
39. Dr. A.Q Khan School System & College Ibraheem Campus Islamabad
40. District and Sessions Court, Sanghar

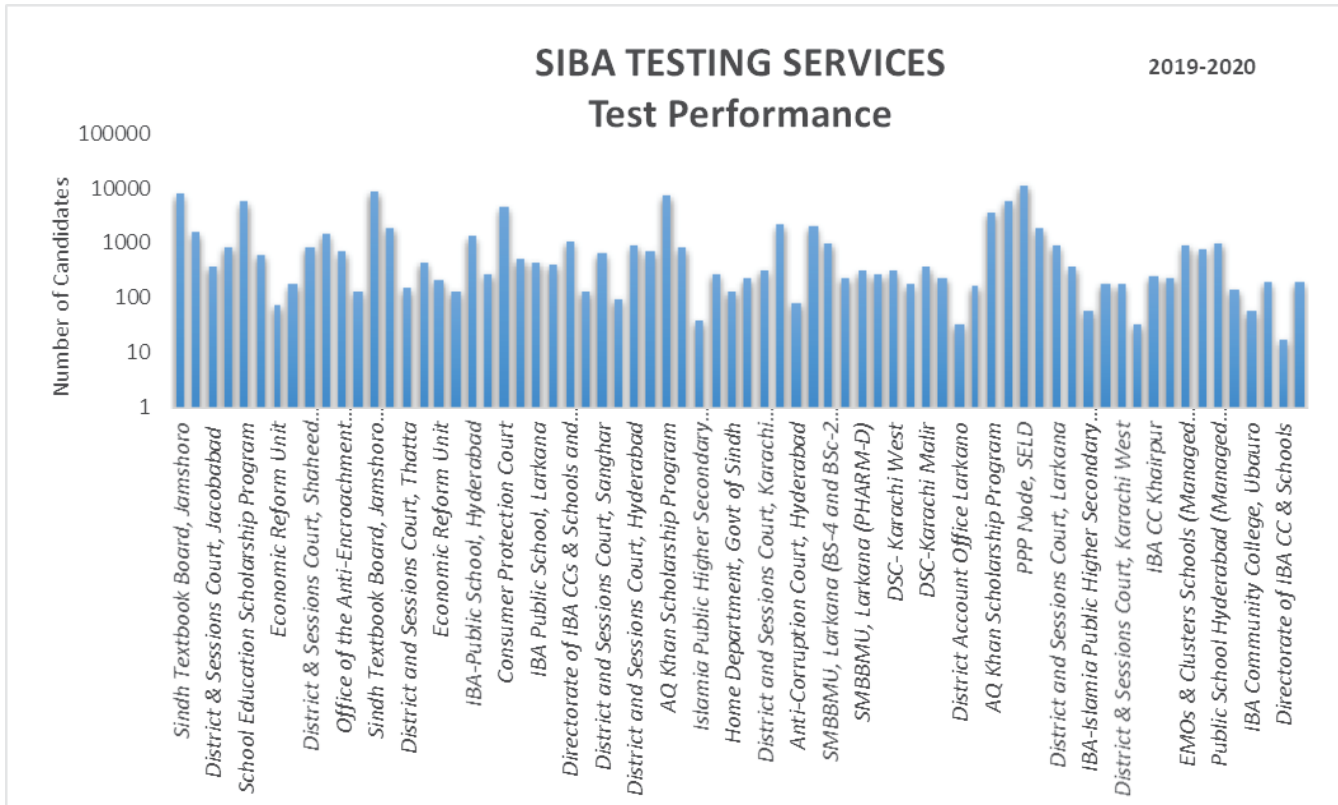
STS Resources:

- a) State-of-the art technologies
- b) Data Entry Support services
- c) Carbon paper
- d) Digital photocopier machine having ability to (Print & Staple).
- e) CCTV one window vigilance concept.
- f) STS BioVersys NADRA connected System for candidates verification
- g) OMR technology and other own customized developed softwares
- h) Assessment of Teachers Subject content & specialization knowledge

Achievements Graph



Testing Performance Graph



Test were conducted of total No. of Candidates during the period: 91345

Total Project Completed during the period: 74

Above graph shows list of clients and candidates appeared in the particular tests (Recruitment / Admission).



CHAPTER 20

SUKKUR IBA UNIVERSITY CAMPUSES

KANDHKOT

IBA-IET KHAIRPUR





Chapter # 20

Kandhkot Campus

About Kandhkot Campus

The Kandhkot Campus of Sukkur IBA University has been established with a goal to offer quality education to the people of underprivileged areas of Pakistan. The Kandhkot Campus has gained a greater importance according to its geographic location in Kandhkot City as it provides an easy access to students hailing from Northern Sindh, South Punjab, and South-East Baluchistan. The Kandhkot Campus is established with standard infrastructure and equipped with the state-of-the-art technologies for teaching, learning and skill development in various fields.

The Kandhkot Campus is the HEC recognized and accredited campus of the Sukkur IBA University. It aims at providing education to students on Merit, Quality and Excellence and also achieving the global levels of excellence in the fields of Business Administration, Computer Science and Education.

Vision

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

Mission

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

Campus Director's Message

Geographically, the Kandhkot city is located in the north of the Sindh province of Pakistan. This region is observed as deprived in terms of education, health and roads infrastructure that limit to provide an equal opportunity and access to every individual for obtaining quality education. From the education point of view, the literacy rate of Kandhkot city and its nearby districts (Jacobabad & Shikarpur) is quite lower than the other districts of Sindh province.

The idea and a thought process behind establishing a sub-campus of Sukkur IBA University at District Kashmore@Kandhkot is to serve the community and bring a change for the socio-economic development. In this regard, my message is very simple and straightforward for all stakeholders that Kandhkot Campus of Sukkur IBA University aims at providing quality education and cultivating a culture of merit and competitiveness among students and other knowledge seekers. It may result in increasing prosperity, peace, social well-being, critical independent thinking, educational values, and enhancing national and international exposure among all stakeholders of society at large.

Engr. Prof. Dr Fareed Hussain MANGI
Campus Director
Sukkur IBA University-Kandhkot Campus

Library

Sukkur IBA University-Kandhkot Campus has established a library that is well maintained in its infrastructure and equipped with modern tools and technologies for accessing new books, magazines, novels and daily national newspapers. It provides a conducive environment for students to read and learn innovative things and cultivate novel individually and through group learning. The library houses 3200 books of different disciplines and also has subscription of globally renowned 15 International Journals.

Computer Labs and Classrooms

Kandhkot Campus has state-of-the-art classrooms and computer labs. There are six spacious, air-conditioned classrooms and three fully-equipped computer labs. Each classroom can easily accommodate 30 students, whereas, capacity of each computer lab is 32 students.

Lab No:1 17 Students Capacity

Lab No:2 40 Students Capacity

Lab No:3 07 Students Capacity for FYP

Academic Departments

Sukkur IBA University, Kandhkot Campus has following Academic Departments:

Business Administration

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 the society.

The department is offering Bachelors of Business Administration (BBA), which is a 4-year undergraduate-level degree program.

Computer Science

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.

The department is offering Bachelors of Science in Computer Science BS(CS) and Bachelors of Science in Software Engineering BS(SE). Both the programs are 4-year undergraduate-level degree programs.

Administrative and Support Departments

Sukkur IBA University, Kandhkot Campus has following Administrative and Support Departments:

1. General Administration
2. Quality Enhancement Cell
3. Finance
4. Examinations
5. Information and Communication Technology

Degree Programs

Bachelors of Business Administration (BBA)

BBA is a 4-year degree program, designed to enhance intellectual and professional competencies by imparting knowledge through a meritorious culture that encourages critical thinking, active learning, ethical consciousness and global awareness. It currently offers specialization in three areas- Finance, Marketing, and Human Resource Management.

Bachelors of Science (Computer Science) BS (CS)

The BS Computer Science is a 4-year degree program, designed to produce quality graduates with problem solving skills and analytical abilities in both theory and applications of computer science. It offers practical knowledge and hands-on experience to students in variety of topics including fundamentals of information technology, modern hardware and software, mathematics, logic design, algorithms, programming languages, design and modeling,

computer communication and networks and development of interactive systems, measurement and analysis. The BS (CS) program enables students to acquire knowledge and skills in multi-disciplinary field of studies such as mathematics, statistics, economics, finance, business, education and engineering.

Bachelors of Science (Software Engineering) BS (SE)

The BS Software Engineering is a 4-year degree program, designed to produce quality graduates by imparting strong problem solving, technical, engineering and managerial skills among students in the domain of software engineering. It offers students to learn through hands on experiences by covering all aspects of software engineering including problem modeling and analysis, software design and development, software verification and validation, software project management, and conformance of software quality.

Department-wise Enrollments

Kandhkot Campus has been offering undergraduate degree programs since Fall Semester 2018, and the status of department-wise enrollments is provided below:

Degree Program	2018-19		2019-20		2020-21	
	Male	Female	Male	Female	Male	Female
Bachelors of Business Administration (BBA)	6	3	8	3	26	16
Bachelors of Computer Science [BS(CS)]	7	2	11	3	46	08

Faculty and Staff

Faculty

Kandhkot campus has highly qualified faculty, technically equipped and having all skills and expertise to provide quality education of global standards. Detail of the faculty is provided below:

S. No.	Name of Faculty Member	Designation	Faculty/Discipline	Status
1	Mr. Faisal Qamar	Assistant Prof.	Business Administration	Study Leave
2	Mr. Murtaza Siddiqui	Assistant Prof.	Computer Science	Study Leave
3	Mr. Noor Nabi	Lecturer	Computer Science	Available
4	Mr. Syed Muzammil Hussain	Lecturer	Computer Science	Available
5	Mr. Adil Khan	Lecturer	Computer Science	Study Leave
6	Mr. Ali Raza Dharejo	Lecturer (FDP)	Business Administration	Available
7	Ms. Beena Zaidi	Lecturer	Business Administration	Available
8	Mr. Khair Bux	Lecturer	Business Administration	Available
9	Mr. Iftikhar Ahmed	Lecturer	Mathematics	Available
10	Mr. Abdul Rehman	Lecturer	Mathematics	Available
11	Ms. Maria Fatima	Lecturer	English	Available
12	Ms. Asifa Abbas	Lecturer	English	Available
13	Mr. Dildar Ali	Lecturer	Pakistan Studies	Available
14	Mr. Sajid Turab	Lecturer	Islamic Studies	Study Leave
15	Mr. Faiz Lakhani	Visiting Faculty	Computer Science	Available
16	Mr. Jahanzeb Khan	Visiting Faculty	Business Administration	Available
17	Ms. Nadia Anjum	Visiting Faculty	Business Administration	Available
18	Ms. Abida Jatoi	Visiting Faculty	Business Administration	Available
19	Dr. Hira Rani	Visiting Faculty	Business Administration	Available

Administrative and Support Staff

Kandhkot campus has committed staff members who are qualified from national and international universities and are competent enough to manage administrative affairs, day to day matters and support functions of the campus. Detail of the staff is provided below:

S. No.	Name of Staff Member	Designation	Department
1	Engr Prof Dr. Fareed Hussain Mangi	Campus Director	General Administration
2	Mr. Khuda Dino	Administrative Officer	Administration
3	Mr. Rizwan Ali Abro	Assistant Director QEC	Quality Enhancement Cell
4	Mr. Farhan Ahmed	Network Administrator	Information Technology
5	Mr. Tanveer Abbas	Accounts Officer	Finance
9	Mr. Muhammad Usman	IT Assistant	Information Technology
10	Mr. Mazhar Shah	IT Assistant	Information Technology
11	Mr. Toufeeq Ahmed	Technician	Administration

Events, Projects and Participation

Our students are the pride of our campus and our university. During last year, they have completed many projects and have participated and represented the campus at various platforms. Few of their milestones and achievements are listed below:

S. No.	Event/Activity/ Project Name	Organizer	Participants/Trainers	Remarks
1	Land Acquisition	Government of Sindh & Kandhkot Campus		The Kandhkot Campus has been allocated the 60 Acres land by the Govt of Sindh, in Kashmore district for developing the campus building.
2	ACTED	ACTED and Kandhkot Campus	Trainers: Ms. Beena Zaidi Mr. Ali Raza	01-month program, won project funding of PKR 750,000
3	ACTED	ACTED and Kandhkot Campus	Trainers: Ms. Beena Zaidi, Mr. Ali Raza, Mr. Adil Khan, Mr. Noor Nabi	6 Days Program, won project funding of PKR 123,1000
4	ACTED	ACTED and Kandhkot Campus	Trainers: Ms. Beena Zaidi, Mr. Ali Raza, Mr. Adil Khan, Mr. Noor Nabi	Seven Days, won project funding of PKR 104,9250
5	ACTED	ACTED and Kandhkot Campus	Trainers: Ms. Asifa Abbas, Ms. Abida Jatoi	3 Days Program, won project Funding of PKR 382,000
6	Skills.com 2.0	Kandhkot Campus	Sukkur IBA University and Sub Campuses, Kandhkot Campus Khairpur Campus. NGOs, Local Community, Schools.	Full Day Event was organized wherein the different skilled were tested through keeping different tasks during the event. It was honored by worthy vice chancellor Sukkur IBA University.
7	Cultural Day	Students of SIBAU Kandhkot Campus	Organizers: BBA and BSCS	Different activities, such as, singing, poetry, cultural dance and best personality awards have been distributed among the participants.
8	Foundation Semester THP 2021	Kandhkot Campus		Total candidates applied in the Foundation semester were 526, out of those candidates 126 were awarded scholarship in foundation semester.
9	Crash Program 2021 & 2020	Kandhkot Campus	Local students from various colleges	Kandhkot Campus has successfully completed the Two crash programs in the year 2020 and 2021. Many students had successfully qualified the DIRECT ADMISSION TEST and got enrolled in undergraduate programs.
10	Pakistan Engineering Council PEC Election	Kandhkot Campus	Engineers from Sindh Province	The SIBAU Kandhkot campus was a polling station for carrying out the PEC elections.
11	Trip to Shrine of Sachal Sarmast R. A	Kandhkot Campus	Students	Students visited the holy shrine of Sachal Sarmast R.A
12	Entrepreneur Mela	Business Department Shah Abdul Latif University Khairpur	BBA Students of Kandhkot Campus	The BBA students of Kandhkot Campus have visited the different Final year Projects presented by the Business Deptt of SALU University Khairpur.
13	TECH FEST'19	Computer Science Department, SISC's Computer Society & ACM Student Chapter, Sukkur IBA University, Main Campus Sukkur	Students of Computer Science	Student of Kandhkot Campus, Mr. Sooraj Kumar (BSCS-II) Secured Second Position
14	National Project Competition 2020 (NPC-2020)	Dawood University of Engineering and Technology, Karachi	Students of Computer Science and Business Administration	Kandhkot Campus Team "Agile Mindz" participated in the Project Idea competition in the Business Startup category.
15	Academic Project - Management Practices in Business Organizations	Sukkur IBA University-Kandhkot Campus	Students of Business Administration	The students worked for one month, analyzed various organizations, conducted interviews and presented the project outcomes to the panel
16	Industrial Visit and Interviews of Professionals	Sukkur IBA University-Kandhkot Campus	Students of Business Administration	Students visited the production facilities of Sukkur Beverages and Friesland Campina Engro Pakistan Limited. They also conducted interviews for better business insight.
17	South Asian Management Forum (SAMF) Conference	Sukkur IBA University-Main Campus Sukkur	Students of Business Administration	Students attended talks and interacted with senior people including, academicians, policy makers, researchers and professionals.
18	Session on "Career Development"	Sukkur IBA University-Main Campus Sukkur	Students of Business Administration	Students attended talks and interacted with HR Heads of various companies.

Academic Workshops

The management of Kandhkot campus believes in life-long learning through sharing of knowledge and experience. So, various skill-development programs and workshops are conducted from time to time by internal and external trainers and faculty members. The details are provided below:

S. No.	Workshop Title	Facilitator/Trainer	Participants
1	Assurance of Learning	International Accreditation Department Sukkur IBA University. Trainers: Dr. Mujeeb Ur Rehman Bhayo, Director, IAO	Faculty of Sukkur IBA University Kandhkot campus.
2	Quality Enhancement Cell	Quality Enhancement Cell Department, Sukkur IBA University. Trainers: Prof Dr. Sher Muhammad Daudpota, Director QEC SIBAU.	Faculty of Sukkur IBA University Kandhkot campus.
3	One Day Seminar on Importance of Education & Challenges in Education System in Kandhkot	Facilitator: Sukkur IBA University Kandhkot Campus. Trainer: Deputy Commissioner Kandhkot	Sukkur IBA University Kandhkot Campus. Local Community, Education Department, Students, Faculty and Staff of Kandhkot Campus
4	Brand Management	Mr. Sanaullah Shar - Faculty Member Sukkur IBA University, Main Campus Sukkur	SME Professionals of Kandhkot and Students of Business Administration
5	Importance of Entrepreneurship and Its Impact on the Economy of Pakistan	Mr. Ayaz Maitlo - Lecturer Business Management, Sindh University	Students of Business Administration
6	Role of Python Programming Learning in Artificial Intelligence and Big Data Analysis	Mr. Saif Hassan - Faculty Member Sukkur IBA University, Main Campus Sukkur	Students of Computer Science
7	Current State of Pakistan Economy	Mr. Abdul Basit - Faculty Member Sukkur IBA University, Main Campus Sukkur	Students of Business Administration
8	Importance of Survival and Services of Technology in the Modern Times	Dr. Abdul Rehman Gilal - Associate Professor, Sukkur IBA University, Main Campus Sukkur	Students of Computer Science
9	Latest Developments in the Fields of Robotics, AI, Information Technology and Computing	Dr. Ghulam Mujtaba Shaikh, Associate professor and Director CRAIB, Sukkur IBA University, Main Campus Sukkur	Students of Computer Science
10	Awareness Session for Ehsaas Under-Graduate Scholarship Program	Mr. Mansoor Kalhor, Assistant Manager Financial Aid, Sukkur IBA University, Main Campus Sukkur	All Students
11	Understanding Our Personality Traits	Mr. Faisal Qamar, Assistant Professor, Sukkur IBA University, Kandhkot Campus	Students of BBA-IV and BS(CS)-IV

Academic Visits

Campus management encourages various stakeholders including, academicians, professionals, and prominent personalities from civil society and local administration, to visit our campus. In the similar fashion, our management also pays visits to various schools, academies, and other areas of educational interest. Such activities create a culture of exchanging ideas and discussing matters of mutual interest that may benefit the society at large. Various internal and external stakeholders visited the campus during the last year. The details are provided below:

S. No.	Visitor(s)	Purpose
1	Visit to Pakistan Petroleum Limited (PPL)	The Campus director visited the PPL to enlighten the company about the mission of Kandhkot campus with the intent to secure scholarships for the students and job placements of students of Kandhkot Campus.
2	Outreach for foundation semester	The Campus Director along with the faculty and staff in collaboration with main campus, have carried out different sessions of outreach in nearby areas and districts for induction of new students
3	Visit to Kandhkot Model School	The Campus director visited the Kandhkot Model school for community services.
4	Seminar on Human Rights by Human Rights Commission, Government of Sindh	It was organized by the human rights commission section Sindh. The purpose is to educate the local community about the violation of human rights.
5	Visit to Deputy Commissioner	The purpose of visits to make a close coordination between the district administration and Campus to further strengthen the education system.

S. No.	Visitor(s)	Purpose
6	Seminar on Education Organized by ACTED	The Seminar on Education has been arranged by the NGO ACTED. The purpose of the seminar is to fill the gap between education cavity in Kandhkot District. The Campus Director, Eng. Prof. Dr. Fareed Hussain Mangi participated in the Event.
7	Visit to Kashmir Cantt	Purpose of visit is to show the solidarity with the Martyrs of Pakistan-on-Pakistan Defense Day 23 rd March, 2021. Moreover the possibilities of working together for the education improvement.
8	DEO, TEOs, and Govt. Degree College Faculty	Sharing of Ideas for Improvement of Educational Standards Through Joint Efforts
9	Officials from PARCO, PPL, OGDCL, NGOs and Other Social Activists	Discussion and Sharing of Ideas for Utilizing Strengths of One Another for Better Education and a Civilized Society
10	Mr. Munawar Ali Mithiani, Deputy Commissioner Kashmir@Kandhkot	Joint Efforts of SIBAU, Local Government and College Education Department for Various Educational Initiatives and Projects. Assurance of Govt. Support for Increasing Educational Awareness at Local Level
11	Mr. Agha Shamsuddin Khan Pathan, Chairman Usher and Zakat Committee	Fruitful Discussion for Uplifting Educational Standards at Local Level
12	Prominent People from Civil Society and Leading Entrepreneurs	Discussion Related to Serving The Community in The Best Possible Manner and Spreading 'Quality Education for All'
13	Mr. Atiq Raja, Chairman International Kashmir Cause Committee & Pakistan Youth Council	Exchange of Ideas for Better Tomorrow Through Educated and Socially Aware Youth

IBA Institute of Emerging Technologies, Khairpur

IBA Institute of Emerging technologies, Khairpur (IET) is affiliated with Sukkur IBA University (SIBA). It works under the umbrella of mother institution SIBA. IET was established in Oct 2012 with the purpose of bringing high-tech technologies Pakistan to particularly Sindh. It further aims at producing diplomats, collegians, graduates and post graduates in the field of information technology and creating tech-literate generation for making Pakistan a digitalized country. The purpose of the institution covers one of the United Nations' Sustainable Development Goals (SDGs) and Pakistan Vision 2025. In this way, the core purpose of the institution is raising quality of tech-education unto the international standards. 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 tech-educational needs of the community. In doing so, the IET intends to become a center of excellence in the field of Emerging Technologies, Tech-Literacy, and IT educational research to produce dynamic IT professionals and raise the standards of IT education at local, national and international levels. IET's broadest goals include:

- Brining Technological Advancement
- Tech-literate Generation
- Producing IT graduates
- Connecting local people to International technological education
- Research and innovation
- Consultation and Projects
- Community Service

Academic Programs

Undergraduate/Associate Degree programs

The IBA-IET Khairpur offers programs in the following fields

- **Associate Degree (Leading to BS) in Computer Science**
Admission criterion: Intermediate
- **Associate Degree (Leading to BS) in Software Engineering**
Admission criterion: Intermediate
- **Associate Degree in Networking**
Admission criterion: Intermediate
- **Foundation Semester (Associate Degree (AD) 2 Years Leading to BS (CS/SE/Networks))**
Admission criterion: Intermediate

Diploma and Certificate Programs

- **Fab-Academy Diploma (6 Months)**
Admission criterion: Bachelor's Degree (BS/BE) in any relevant Field of Study
- **Diploma in Information Technology (DIT)**
Admission criterion: Matriculation
- **Certificate in Information Technology (CIT)**
Admission criterion: Matriculation
- **English Language Development Program (ELDP)**
Admission criterion: Matriculation
- **English for Academic Purposes (EAP)**
Admission criterion: Matriculation
- **Certificate Course in PCB Design**
Admission criterion: Any bachelor's degree with Background Knowledge in Electronics
- **Certificate Course in 3D Printing**
Admission criterion: Matriculation/Intermediate
- **Certificate Course in CNC Milling**
Admission criterion: Matriculation
- **English Writing Skills**
Admission criterion: Matriculation
- **Office Automation Tools**
Admission criterion: Matriculation
- **Python for Beginners**
Admission criterion: Matriculation
- **CCNA**
Admission criterion: Matriculation
- **Web Designing**
Admission criterion: Matriculation
- **Freelancing**
Admission criterion: Matriculation

Collaborations & Linkages

- Affiliated with City & Guilds
- Affiliated with Sindh Board of Technical Education
- Competency Based Training and Assessment (CBT & A)
- MoU with National Vocational & Technical Training Commission
- MoU with National ICT R & D Fund
- MoU with TECH-Pakistan
- MoU with SZABIST
- MoU with Baluchistan University of Engineering & Technology, Khuzdar

International collaborations with

- MoU Wuhan University of Technology, China
- MoU Asian Institute of Technology Bangkok, Thailand

Projects:

Proposed projects:

- **Khairpur Smart City Initiative (2020)**

This is a digitalization project submitted to Government of Sindh for making Khairpur a model city in terms of Technology. This project connects Institutions, business enterprises, service provider companies, public welfare

institutions and local vendors via websites and applications as people could be provided with much more facilities. Khairpur Smart City Initiative brings institution together and will convert them into more revenue generating service providers

- **Freelancing Training Initiative (2020)**

This is a training based project targets 5000 students a year in five different district of province Sindh including Khairpur, Dadu, Mirpurkhas, Matiari and Shaheed Benazirabad. It brings fresh graduates and unemployed youth in the premises of Freelancing training in eight different fields by which they will start learning and earning by themselves. This project will create a tech-literate work force for making Pakistan particularly Sindh Tech-literate.

- **Tech-Education for Young Generation (2020)**

This project aims at making Sindh tech-literate. Sindh has been facing various challenges and tech-illiteracy is one of them. This projects targets school and college students who will be provided with basics of IT education at different IBA IT Centres in the Khairpur district. By this training thousands of students will be able to run IT equipments and resolve the challenges they had been facing before getting the proposed training. After the program learned students will continue training other junior students. This will multiply IT education.

- **Young Makers (2019)**

This project is targeted to the schools of Khairpur Taluka and training young students in Pakistan's First Fabrication Lab installed at IBA Institute of Emerging Technologies, Khairpur (IIET). It aims at training youngsters into 3D Designing and 3D printing which is a unique type of idea in Pakistan.

- **Tele-Clinic Initiative (2020)**

This project aims at providing local people services of well-equipped medical clinics at their door step. The project targeted people of District Khairpur in the first Phase. The project established different clinics technologically connected with Main Centre in Khairpur City. By availability of multiple medical experts people could get medical consultation from doctors and get prescribed right from their Talukas. For minor checkups and medical consultation they don't need to travel hundreds of kilometers. Further, it includes development of website and application for getting appointments and keeping patients medical history.

Ongoing Projects:

- **Web and Graphic Designing**

This Diploma is designed to prepare students to work as a programmer specializing in graphical and web-based applications, requiring the use of current industry policies, practices, procedures, and tools. This program will give student theoretical knowledge and hands-on skills in industry standard programming languages, database design, and application, fundamentals of HTML5, CSS3, PHP, JavaScript, web design and Photoshop. In addition, students will also be taught techniques used in both traditional and computer graphic design, including drawing, design, color theory and typography, as well as the standard software used in the industry.

- **Computer Application & Office Professional**

This area of instruction provides content for knowledge and skills required in the technology based workplace. The demand will continue to expand for students prepared with knowledge of and skills in word processing, spreadsheets, database, desktop publishing, and telecommunication. This training is vital for students planning to enter the workforce or continue training for a career in business.

This computer applications course is designed to help students prepare for entry-level employment in the field of computers and information services and/or to help them prepare for more advanced college computer courses. Students will receive instruction in the field of information processing, which includes hands-on experience utilizing word processing, desktop publishing, spreadsheet, database, and presentation software.

Completed Projects:

- **E-Commerce**

This project is awarded by National Vocational and Technical Training Commission and initiated by IJET for training the poor girls in the area of online marketing and trading (E-Commerce). Girls who face cultural and social restrictions for doing jobs or who are stuck in domestic responsibilities are selected for the six months training in the course. They were being taught by highly qualified faculty of IJET and were made able to initiate their own enterprises or jobs related to the marketing. They are able to earn by sitting at home and support their families.

- **Tech for Khairpur**

Tech for Khairpur was initiated for providing School pupils with ICT Education. It gave two weeks of training to each group of class from the targeted schools in the premises of Khairpur City and its Talukas. Thousands of school students were made able to run and use IT based equipment's and various applications of IT education. After completion of the IT training they were awarded certificates.

- **Training to SEF Teachers**

In this projects teachers from Sindh Education Foundation Schools were provided IT based training for teaching. They were given training for learning devices, ads used in teaching and dealing with various other issues which they resolved after being taught about IT. This project took place at IBA IET Khairpur and successfully skilled the teaching work force of SEF schools.

Achievements in Emerging Technologies

Pakistan's first fabrication Lab

Fab Lab Khairpur is part of the Sukkur IBA University, where it support different educational and research programs related with the multiple scales of the human habitat. It also offers the Fab Academy program in collaboration with the Fab Foundation and the MIT's Center for Bits and Atoms; the Fab Academy is a distributed platform of education and research in which each Fab Labs operates as a classroom and the planet as the campus of the largest University in the world, where students learn about the principles, applications and implications of digital manufacturing technology.

It is currently developing projects in different scales, from small devices to large application

In 2018, first time Pakistan represented by Fab Lab Khairpur in FAB Academy for their 6 month course of FAB Diploma. Our mission as a Fab Lab is to provide access to the tools, the knowledge and the financial means to educate, innovate and invent using technology and digital fabrication to allow anyone to make (almost) anything, and thereby creating opportunities to improve lives and livelihoods around the world

Community organizations, educational institutions and non-profit concerns are our primary beneficiaries.





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