

# CALL FOR PAPERS

## **16<sup>th</sup> International Conference on Statistical Sciences: Advances in Statistics and Data Management: It's Role in National Growth and Socio-Economic Developments**

to be held on  
March 05-08, 2018

at  
Department of Statistics  
**Islamia College, Peshawar**  
(A Public Sector University)  
Khyber Pakhtunkhwa, Pakistan

### JOINTLY ORGANIZED BY

#### **Islamia College, Peshawar**

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#### **Islamic Countries Society of Statistical Sciences**

44-A, Civic Centre, Sabzazar, Multan Road, Lahore, Pakistan  
Email: secretary@isoss.net  
URL: www.isoss.net



#### **Institute of Management Sciences**

1-A Sector E-5, Phase-VII, Hayatabad, Peshawar  
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im | sciences



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### SPONSORS



# **16th International Conference on Statistical Sciences: Advances in Statistics and Data Science: It's Role in National Growth and Socio-Economic Developments**

## **Islamia College, Peshawar**

Islamia College, Peshawar, the symbol of academic excellence, is rich in history. Its building, which is the best embodiment of Muslim civilization in south Asia with its lush green lawns attract visitors from all over the country and abroad. It is not only the culminating point of the Aligarh Movement, it is in fact the beautiful combination of Aligarh and Deoband Schools of Thought. Being the breeding ground of the Pashtun intelligentsia, this great seat of learning is the place, where diamonds are skimmed since 1913. Moreover, Islamia College, Peshawar was destined to become the mother institution of the three universities and several colleges on its campus. The credit of this goes to Sir Sahibzada Abdul Qayyum, who is commonly called The Sir Sayyed of the Frontier and his sincere colleagues, who founded Islamia College, Peshawar in 1913.

Islamia College, Peshawar is the best example of endowments. According to the Board of Trustees, the College, which is spread over 300 acres of land, has 1089 Jaribs cultivable land in Harichand, Rai Killi and Tarnab, (District Charsadda). In addition to this there are 395 shops and flats in the Khyber Bazaar Peshawar and main bazaar Charsadda.

Quaid-e-Azam Muhammad Ali Jinnah visited this College in 1936, 1945 and 1948. Quaid-e-Azam who became lifelong honorary member of the Khyber Union ICP in 1936 and donated the College one-third of his property in 1939.

## **Islamic Countries Society of Statistical Sciences (ISOSS)**

The Islamic Countries Society of Statistical Sciences (ISOSS) was established during the First Islamic Countries Conference on Statistical Sciences (ICCS-I) held at Lahore on August 27-31, 1988 with the following main objectives:

- ❖ bring together research workers and practitioners in statistical sciences from all over the world and in particular from Islamic Countries through mutual exchange program,
- ❖ promote the application of statistical sciences including computer and information technology in the development of Islamic Countries.
- ❖ promote the use of computer technology, robotics and artificial intelligence in Islamic Countries.
- ❖ establish training centers to promote statistical education.

## **Institute of Management Sciences (IM Sciences)**

Eighteen years journey of IMSciences is expedition of evolution. Established in May 1995, with total strength of 180 students the Institute has established itself as one of the country's prominent management Institute. Started with limited offer of only two programmes, the Institute has incorporated range of new courses and programmes and currently offering twenty five academic programmes in Business and Public Administration, Computer Science, Information Technology, Public Health, and Development Studies. During this journey, achievements of IMSciences kept adding to its growth and reputation. Acknowledging efforts of the Institute in imparting quality education, Government of Khyber Pakhtunkhwa decided to develop it into model institution of the country. It was given autonomous status vide Ordinance No.XXXVII of 2002 and was placed under the Board of Governors (BOG) headed by the Governor Khyber Pakhtunkhwa. The Board comprises of high ranking professionals and leading experts on business and management both from the civil and private sectors.

IMSciences has been ranked as 5th best Business school in Pakistan by the Higher Education Commission. National Business Education Accreditation Council (NBEAC) has awarded four years accreditation to IMSciences BBA and MBA Programmes that further establishes the honesty and commitment of the Institute in providing quality management Education. Education at IMSciences is based on strong values of integrity, student success, innovation and excellence. Students are equipped with the skills and comprehension to tackle the urgent challenges of 21st century.

## **Abdul Wali Khan University Mardan (AWKUM)**

The establishment of Abdul Wali Khan University Mardan is an act of historical significance by the Government of Khyber Pakhtunkhwa. Being located at the focal point, the area has witnessed the rise and fall of the famous civilizations that inspired the world with the glorious culture and civilized traditions devoted to learning and scholarship. Unfortunately, with the passage of time and onslaught by the bellicose tribes, the human achievements spanning thousands of years were got buried under the debris of time. The establishment of Abdul Wali Khan University Mardan is a bold step forward to resurrect and bring back the same dazzling culture by mobilizing the intellectual resources of young scholars and to deepen their vision about the crying need to join together the human society irrespective of caste, colour or creed.

The establishment of AWKUM would facilitate in bringing their intellectual resources in the useful channels by equipping them with the latest knowledge and research being unfolded in the sphere of higher education. The people of the region and the leaders have been striving hard over the years and the establishment of AWKUM is the realization of their cherished dreams. The University will develop the intellectual, moral and physical resources of the youth and would channelize their inherent energies toward useful goals. They will be brain stormed and motivated with awareness to realise about the rapidly changing and progressing world around them. AWKUM would also usefully collaborate with the prestigious universities of the country and abroad to share the latest discoveries and research input in different fields of intellectual endeavour.

## **Background and Goals:**

The Islamic Countries Society of Statistical Sciences (ISOSS) is holding the 14<sup>th</sup> International Conference on Statistical Sciences devoted to all aspects of Statistical Technology and Quality Management, Public Health, Management Sciences and Law, Pharmaceutical, Environmental and Demographic Sciences.

The aim of the Conference is to highlight the role of computer technology in statistical computations and analysis specially surveys and censuses through GIS and other information technology tools. The Conference will focus on theoretical and empirical aspects of the Official Statistics in modern technology.

It also aims to stimulate a comparative analysis of the role of the computer technology in conducting surveys and survey designs in Pakistan and Islamic Countries. The analysis of the different structures of Official Statistics and viable practical use will contribute to better understand the problems (difficulties and successes) facing the rapid change in global information system.

The internationalization process of the statistical procedures will need deeper studies to point out problems and opportunities according to past and recent experiences in Islamic Countries.

The Conference will give an opportunity both to researchers and the protagonists of Statistical Agencies and Institutes to meet and compare experiences and analyses. The presentation of Official Statistics case studies will improve the discussion and the knowledge of its role in the present information system and computer technologies.

## **Conference Topics:**

Conference topics are as follows:

- 1) Advances in Statistics Techniques, Analyses and Methods
- 2) Statistical Sciences and its Challenges in Management Sciences
- 3) Human Resources Management & Development, Financial Management, Islamic Finance & Islamic Economics
- 4) Big and SMOG Data Analysis
- 5) Citizen Science and Statistics
- 6) Advances in Data Science
- 7) Statistical, Mathematical & Econometric Modeling
- 8) CPEC: Statistical Challenges and its Impact on Socio-Economic Development and Implications for International Business
- 9) Bioinformatics
- 10) Education Statistics
- 11) Biostatistics and Public Health & Healthcare
- 12) Environmetrics
- 13) Actuarial Sciences & Risk Management
- 14) Computer Science and Information Technology

## **Submission of Abstracts:**

An Abstract of 500 words should be submitted via e-mail/or airmail. Questions or queries may be sent to Dr. Munir Ahmad, Chairman of the Editorial Committee.

Deadline for Submission of Abstracts	<b>January 31, 2018</b>
Acceptance of Abstracts	<b>February 15, 2018</b>
Deadline for Submission of Full Length Papers	<b>February 15, 2018</b>
Last Date for Registration	<b>February 25, 2018</b>

Abstracts and full length papers size 5" x 7.5" (width x height) with "Time New Roman" Font size 10 may be submitted via e-mail by using M.S. Word software to Conference Secretariat.

## **Instructions to Authors of Contributed Papers**

All Authors of invited and contributed papers are requested to follow the instructions:

1. Manuscripts should be type-written, single-spaced size 5" x 7.5" (width x height) with "Time New Roman" Font size 10. The paper should be divided into sections, numbered by Arabic numerals and with suitable short verbal titles. Pages should be lightly numbered at the bottom with a blue pencil. Running titles should be given.
2. Paragraphs should be indented five spaces.
3. The name and full postal address of each author should be given immediately below the title of the paper along with e-mail.
4. Equations should be centered, with identifying numbers in parentheses.
5. Tables should be inserted in the text as close to the point of reference as possible.
6. Graphs and other numbered figures should be drawn in black Indian ink.
7. References should be indicated in the text by author's name(s) and the year of publication in parentheses. All references should also be given alphabetically at the end of the paper.

Please note that contributed papers should not be more than SIX pages.

### **Tentative Program:**

<b>March 05, 2018</b>	<ul style="list-style-type: none"><li>▪ Registration</li><li>▪ Opening Ceremony</li><li>▪ Keynote Address</li></ul>
<b>March 06, 2018</b>	<ul style="list-style-type: none"><li>▪ Plenary Sessions and Contributed Papers</li><li>▪ <b>Excursion Tour of Swat</b></li></ul>
<b>March 07, 2018</b>	<ul style="list-style-type: none"><li>▪ <b>Excursion Tour of Swat</b></li></ul>
<b>March 08, 2018</b>	<ul style="list-style-type: none"><li>▪ Business Session</li><li>▪ Closing Ceremony</li></ul>

### **Conference Venue:**

The Conference will be held at **Islamia College, Peshawar**, Pakistan.

### **Participation:**

Participants from all scientific disciplines are expected.

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Department of Statistics, Khyber Pakhtunkhwa, Pakistan

## REGISTRATION FORM

Full Name	
Designation	
Organization	
Address:	
Tel/Cell:	
Email:	

Do you intend to submit a paper?

Yes

No

Title(s) of Paper(s)	
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## REGISTRATION FEE:

Particulars	Amount
Delegates/Participants	<b>Rs. 1500/-</b>
ICP/IMS/AWKU Faculty/ISOSS Registered Members	<b>Rs. 1000/-</b>
Students	<b>Rs. 1000/-</b>
Foreign Delegates	<b>US\$ 200/-</b>

- Registration fee includes conference materials, tea/lunches.
- Registration fee payable through cash/demand draft/pay order to:  
Islamic Society of Statistical Sciences (ISOSS), Lahore.

Please send the filled form alongwith Registration Fee at the following address:

**ISOSS Headquarters, 44-A, Civic Centre, Sabzazar, Multan Road, Lahore (Pakistan).**