

CURRICULUM VITAE



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Date of Birth June 21, 1957

I. EMPLOYMENT RECORD:

- **Professor of Statistics, Kinnaird College For Women, Lahore & Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR), Lahore:** July 19, 2021 to Present.
- **Professor of Statistics, Kinnaird College For Women, Lahore & Honorary Director, Pak Institute of Statistical Training And Research (PISTAR), Lahore:** December 24, 2019 to July 18, 2021
- **Professor of Statistics, Kinnaird College For Women, Lahore:** August 21, 2017 to December 23, 2019
- **Attainment of age of superannuation:** June 21, 2017.
- **Director Research & Professor of Statistics, Kinnaird College for Women, Lahore:** March 28, 2014 to June 20, 2017.
- **Director Research & Associate Professor of Statistics, Kinnaird College for Women, Lahore:** Nov 16, 2011 to March 27, 2014.
- **Head of the Statistics Department & Associate Professor of Statistics, Kinnaird College for Women, Lahore:** September 19, 2007 to Nov. 15, 2011.
- **Head of the Statistics Department & Assistant Professor of Statistics, Kinnaird College for Women, Lahore:** June 6, 1993 to September 18, 2007.
- **Head of the Statistics Department & Lecturer in Statistics, Kinnaird College for Women, Lahore:** September 01, 1987 to June 5, 1993
- **Lecturer in Statistics, Kinnaird College for Women, Lahore:** November 7, 1979 to August 31, 1987.
- Appointment as **Lecturer in Statistics** at **Kinnaird College for Women, Lahore** on November 7, 1979.

II. EDUCATIONAL QUALIFICATIONS:

<i>Name of Institution</i>	<i>Year</i>	<i>Degree / Certificate</i>
National College of Business Administration & Economics (NCBA&E), Lahore (Pakistan)	2009	PhD Applied Statistics Grade A in six courses, CGPA=4.00
University of Toronto (Canada)	1984	M.Sc. Statistics (Grades in various courses: A+, A, A-, A, A+, A, B+, A)
University of the Punjab, Lahore (Pakistan)	1979	M.Sc. Statistics (Session 1976-78) Grade A in all 16 courses (1 st division) 3rd Position in order of merit
Lahore College for Women, Lahore (Pakistan)	1976	B.Sc. (Stats, Gen. Maths, Physics) First Division
Lahore College for Women, Lahore (Pakistan)	1974	F.Sc. (Statistics, Maths, Physics) First Division
Convent of Jesus and Mary, Lahore (Pakistan)	1972	Senior Cambridge School Certificate ("O" Level): First Division; Distinction in English Language

III. INTENSIVE COURSE OF POST-DOCTORAL RESEARCH STUDY:

Completed an Intensive Course of Post-Doctoral Research Study at a Seminar held from Dec 29, 2010 to January 28, 2011 concerning the topic **The Role of Self-Inverse Variates in Life-Length and Reliability Calculations** conducted under the auspices of **Sam C. Saunders, Professor Emeritus of Mathematics / Statistics, Washington State University & Fellow of the American Statistical Association.**

IV. HEC SABBATICAL LEAVE FELLOWSHIP AWARD:

Completed **three-month-long research-work** (in collaboration with **Prof. Sam C. Saunders**) as **Visiting Scholar** in the **Department of Statistics** at the **University of Washington** under the **Sabbatical Leave Fellowship Award** granted by the **Higher Education Commission, Pakistan** (July 18-October 17, 2011). The broad area of research was **The Role of Self-Inverse Distributions in Reliability Theory** with a special focus on the **Birnbaum Saunders Distribution.**

V. NATIONAL & INTERNATIONAL AWARDS, PRIZES & HONORS:

1. Appointed Member, Advisory Board, **International Statistical Literacy Project (ISLP)** with effect from June 28, 2022
2. Appointed Member of the **Advisory Board on Ethics (ABE)** of the **International Statistical Institute (ISI)** with effect from January 01, 2022.
3. Appointed **Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR)** by President PISTAR (July 19, 2021).
4. Appointed **Honorary Director, Pak Institute of Statistical Training And Research (PISTAR)** by President PISTAR (December 24, 2019).
5. Invited to the **11th International Statistics Conference in Bodrum, Turkey** (October 4-8, 2019) as **Keynote Speaker.**
6. **Cash Prize of Rs 20,000/-** awarded by **Kinnaird College For Women** in Recognition of **Highest Number of Research Paper Presentations Nationally and Internationally** during the period 2013-2018. (Prize awarded on 4th April 2019.)
7. **Selected as Educational Ambassador for Pakistan by the American Statistical Association (ASA)** for the year 2018-19 (selection in February 2018).
8. **Best University Teacher Award** (for the year 2009) by the **Higher Education Commission (HEC), Pakistan** (December 2010) **National Award.**
9. **10th Star Award** for outstanding performance in the field of **Education** by **South Asia Publications, Karachi, Pakistan** (April 2000) **National Award.**
6. **ISOSS/PSA Award** by the National Organizing Committee of the Sixth Islamic Countries Conference on Statistical Science and the 12th National Seminar of the Pakistan Statistical Association **for services rendered for the development and promotion of Statistics in Pakistan** (August 1999) ---- **International Award.**
7. **Third Prize** by the **Common-Wealth Association of Sciences, Technology and Mathematics Educators** (under the **CASTME Award Scheme 1992/93**) on account of the paper entitled "**Efforts to Promote Project-Based Teaching of Introductory Statistics in the City of Lahore**" (January 1994) -- **--International Prize.**
8. **First Prize of Rs. 25,000/-** by the **National Book Council of Pakistan** on account of the research paper "**On the Modes of the Inverted Bivariate Normal Distribution**" that appeared in the April 1987 issue of the **Pakistan Journal of Statistics** (September 1989) **National Prize.**

VI. ADDITIONAL HONORS:

1. Selected for the award of **Shield for Lifetime Achievement** by alumnae of **Lahore College For Women University (LCWU)**, to be awarded at the **LCWU Convocation** to be held on **December 7, 2022.**
2. Nominated for the **Florence Nightingale David Award** named after **Florence Nightingale David**, an accomplished statistician and the first recipient of the **Elizabeth L. Scott Award.** The

F. N. David Award, established in 2001, is sponsored jointly by the Committee of Presidents of Statistical Societies (COPSS) and the Caucus for Women in Statistics (CWS), is granted to a **female statistician** who serves as a **role model to other women** by her contributions to the profession through **excellence in research, leadership of multidisciplinary collaborative groups, statistics education, or service to the professional societies**. (Nomination made by **Prof. Kevin J. Keen, Professor of Statistics, University of Northern British Columbia, Canada** on December 15, 2018. The Award went to Dr. **Susan S. Ellenberg** of **University of Pennsylvania, USA**.)

3. Was **shortlisted** in March 2018 by the **International Statistical Institute (ISI) Nominations Committee** for the **election** for the position of **Council Member** for the **ISI Council**. The term of the new council being for four years i.e. from 2019-2023, there were eight slots for council members and the Nominations Committee was to put up a slate of 11 or 12 names for election by the ISI membership. The council would serve as an advisory body to the ISI President and Executive Committee (EC); the Presidents of ISI Associations also served as council members.
4. Was awarded **Shield for Long & Dedicated Service (More Than Twenty Years)** at the occasion of the **Kinnaird Centenary Special Assembly**, February 25, 2013.
5. Was appointed **Member, Provincial Users Council** by the **Chairman, P&D Board/Provincial Statistical Authority, Government of the Punjab, Lahore**: 24th September 2012.
6. Was selected for the **Sabbatical Leave Fellowship Award** by the **Higher Education Commission, Pakistan** for carrying out **Research Work** as **Visiting Scholar** in the **Department of Statistics** at the **University of Washington** (July 18, 2011 to October 17, 2011); as such, I became the first person from the Punjab Higher Education Department to have received this honor.
7. Was nominated for the **Mahalanobis International Award in Statistics** in memory of the eminent Indian statistician Professor P.C. Mahalanobis launched by The Indian Ministry of Statistics and Programme Implementation, Government of India and carried forward by the International Statistical Institute (ISI). (The Award was to be given to a selected statistician from a developing country who has worked there in recognition of his/her lifetime achievement in Statistics and the promotion of best statistical practices.) The nomination was made by **Prof. David Moore, Shanti S. Gupta Distinguished Professor of Statistics, Emeritus (Purdue University)** in recognition of the *passion* and *dedication* with which the nominee strove for many years for the uplift and enhancement of statistical education in Pakistan. The nomination was ranked as one of the **strong** nominations among a large number of nominations received by the ISI Awards Committee. The Award went to Prof. Victor Yohai of Argentina (2011).
8. Was selected for the **Complex Systems Summer School 2007** organized by the world-renowned **Santa Fe Institute** (Santa Fe, New Mexico, USA), this being the first time that anybody from Pakistan was selected for this School; **Financial Sponsorship** by the **Indus Athena Foundation, USA** (June 2007).
9. Was awarded the **Central Overseas Training (COT) Scholarship** by the Ministry of Education, Government of Pakistan for graduate studies (M.Sc.) in Statistics at the **University of Toronto(Canada)** during the academic year 1983-84. I stood among the **top five** from the entire country in the Written Exam conducted at the national level as a part of the Selection Process.
10. Was awarded the **Government Merit Scholarship** for graduate studies (M.Sc.) in Statistics at the University of the Punjab during the academic session 1976-78.
11. Was awarded the **Government Merit Scholarship** for undergraduate studies (B.Sc.) during the academic session 1974-76.

VII. POSITIONS IN PROFESSIONAL SOCIETIES/ORGANIZATIONS:

1. **Member, Advisory Board, International Statistical Literacy Project (ISLP)** with effect from June

- 28, 2022.
2. **Member, Advisory Board on Ethics (ABE) of the International Statistical Institute (ISI)** with effect from January 01, 2022.
 3. **Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR)** (w.e.f. July 19, 2021).
 4. **Educational Ambassador, American Statistical Association (ASA)** (Educational Ambassador and Member, ASA for the year 2018-19 (selected in February 2018)) *continued*.
 5. **Vice President, International Association for Statistical Education (IASE)** (Vice President for the year 2018-19 (with effect from July 20, 2018).
 6. **Life Member, International Association for Statistical Education (IASE)**, *continued*.
 7. **Life Member, International Association of Survey Statisticians (IASS)**, *continued*.
 8. **Country Representative, Caucus for Women in Statistics (CWS)** (with effect from July 31, 2018) *continued*.
 9. **Country Representative, ISI Committee on Women in Statistics (CWinS)** (with effect from November 1, 2018).
 10. Country Coordinator, International Statistical Literacy Project (ISLP) *continued*.
 11. **Elected Life Member, International Statistical Institute (ISI)** *continued*.
 12. Member, **International Association of Gender And Science And Technology (GASAT)**, (1991-2001).

VIII. PUBLICATIONS:

		Publications		
		Foreign	Local	Total
Book		1	---	1
Article in Book		1	---	1
Research Papers published in Journals		---	5	5
Papers Published in Conference Proceedings	Mathematical and Applied Statistics	9	22	31
	Statistical Education	18	4	21
	Miscellaneous	2	2	4
Abstract of Poster Published in Proceedings of Scientific Meeting/Conference		1	---	1
Online Publications pertaining to Complex Systems Summer School (Santa Fe, USA)		3	---	3
TOTAL		35	33	68*

**Number of publications: Sixty-Eight; details toward the end of CV.*

IX. LAUNCH OF PISTAR INTERNATIONAL WEBINAR SERIES :

In my capacity as **Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team have initiated an international webinar series by the name of **PISTAR International Webinar Series**. Two webinars have already been successfully organized and conducted in October-November 2022, one in hybrid mode and the other in fully virtual mode. The online webinars organized by PISTAR involve both national and **international** resource persons and participants from various countries. An outline of the webinars is as follows:

- Webinar entitled ‘Economic Data Availability for Researchers’ held on October 23, 2022
- Webinar entitled ‘Gender Gaps in Education, Pay and Leadership’ held on November 12, 2022.

The feedback from participants of the first two webinars has been very positive, and many more webinars are upcoming.

X. LAUNCH OF PISTAR INTERNATIONAL TRAINING PROGRAM (ONLINE TRAINING WORKSHOPS) DURING COVID 19:

In my capacity as **Honorary Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team initiated a series of online international training workshops during the **Covid 19 pandemic** by the name of **PISTAR International Training Program**. An outline of the workshops is as follows:

- Five online workshops on **Tidyverse for Data Science** were successfully organized and conducted on once-a-month basis from June 27, 2020 to Oct 3, 2020,
- Four online workshops on Machine Learning were successfully organized on once-a-month basis from November 15, 2020 to February 7, 2022,
- One online workshop on Excel successfully organized on April 10, 2021,
- Five online workshops on ‘Data Science Ideas for Aspiring Statistical Consultants’ successfully organized from May to August 2021,
- Three online workshops on Tinkerplots, Fathom and CODAP successfully organized from September to November 2021,
- One online workshop on Risk Literacy successfully organized on December 5, 2021.
- Three online workshops on Data Mining from January to February, 2022.

The online workshops organized by PISTAR involve both national and **international** resource persons and participants from various countries, and the feedback from participants has been very positive.

XI. ORGANIZATION OF ISLP POSTER COMPETITION 2020-2021

In my capacity as **Country Coordinator, International Statistical Literacy Project (ISLP)** and **Honorary Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team organized Phase 1 of the ISLP International Poster Competition 2020-2021. The National Competition attracted teams of students from various cities and towns of Pakistan who worked under the supervision of their teachers in order to create attractive and informative statistical posters on topics pertaining to Biology, Environment and/or Sustainable Development. Evaluation of the 23 posters that were received was carried out by a panel of five judges affiliated with various universities of the country. Announcement of results and prize distribution was carried out in a special session on Day 1 of the 18th International Conference on Statistical Sciences held at Imperial College of Business Studies Lahore on February 18-20, 2021.

XII. ORGANIZATION OF POST-CONFERENCE WORKSHOP ON PYTHON

In my capacity as **Honorary Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team organized a Post-Conference **Workshop on Python** rendered by Dr. Ahmed Faisal Siddiqi, University of Central Punjab Lahore, Pakistan (21st February 2021). The Workshop was held immediately after the completion of the 18th International Conference on Statistical Sciences held at Imperial College of Business Studies Lahore on February 18-20, 2021.

XIII. ORGANIZATION OF ONLINE SESSION OF INTERNATIONAL INVITED SPEAKERS:

In my capacity as **Honorary Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team organized an **Online Session of International Invited Speakers** on Day 1 of the 18th International Conference on Statistical Sciences held at Imperial College of Business Studies Lahore i.e. 18th February 2021. The Online Session contained five invited speakers from four different continents of the world.

XIV. KINNAIRD SYMPOSIUM OF STATISTICS AND DATA SCIENCE

Played an important role in the organization of **Kinnaird Symposium of Statistics and Data Science at Kinnaird College** on November 15, 2022. In addition to colleagues from the Statistics Departments of various universities of Lahore, the event attracted a number of students and faculty-members of Kinnaird College, and was well-received and appreciated.

XV. KC STATISTICS ALUMNAE CELEBRATION OF INTERNATIONAL YEAR OF WOMEN IN STATISTICS AND DATA SCIENCE (ONLINE EVENT):

Played an important role in the organization of KC Statistics Alumnae Celebration of International Year of Women in Statistics and Data Science (an Online Event containing invited speakers from three technologically advanced countries of the world). The event attracted a number of alumnae of the Kinnaird College Statistics Department, and was well-received and appreciated.

XVI. PISTAR CELEBRATION OF WORLD STATISTICS DAY 2020 (ONLINE EVENT):

In my capacity as **Honorary Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team organized the **PISTAR Celebration of World Statistics Day 2020** (an Online Event containing eleven invited speakers from six continents of the world). The event attracted both national and **international participants from various countries** and was appreciated by many.

XVII. ACCOMPLISHMENT OF RESPONSIBILITY AS EDUCATIONALAMBASSADOR OF THE AMERICAN STATISTICAL ASSOCIATION:

Rendered two rounds of a Six-Day Course on **Tidyverse for Data Science** at the Bureau of Statistics Punjab (July 15 to 20, 2019 and July 29 to August 3, 2019) based on the two-day Continuing Education Course (CEC) rendered by Garrett Grolemond (Data Scientist, Trainer) at the **Joint Statistical Meetings (JSM) 2018**. A total of 46 persons (academics, professionals and graduate students) trained in Tidyverse, one of the latest developments in R-Studio. Both rounds of the Six-Day Course accomplished very satisfactorily leading to highly positive feedback from the participants.

XVIII. CURRICULUM DEVELOPMENT:

(i) Member, National Curriculum Revision Committee:

1. Having been nominated **Member, National Curriculum Revision Committee in Statistics constituted** by the **Higher Education Commission, Pakistan**, participated in the **NCRC Final Meeting in Statistics** held at HEC Regional Center, Peshawar on **Apr 22-24, 2013**; contributed actively in the proceedings, and put forth a large number of useful suggestions and proposals.
2. Having been nominated **Member, National Curriculum Revision Committee in Statistics** by the **Higher Education Commission, Pakistan**, participated in the **NCRC Preliminary Meeting** organized by HEC and held at ICCBS, University of Karachi, Karachi on **Nov 12-14, 2012**; contributed actively in the proceedings, and put forth a large number of useful suggestions and proposals.
3. Participated in the **National Curriculum Revision Committee Meeting** for the improvement of curricula in Statistics for the M.Sc./ BA/B.Sc. / FA/F.Sc. classes (**1999**); participated actively, and put forth a number of useful suggestions and proposals.
4. Participated in the **National Curriculum Revision Committee Meeting** for the improvement of curricula in Statistics for the M.Sc./ BA/B.Sc. / FA/F.Sc. classes (**1998**); participated actively, and put forth a number of useful suggestions and proposals.
5. Participated in the **National Curriculum Revision Committee Meeting** for the improvement of curricula in Statistics for the M.Sc./ BA/B.Sc. / FA/F.Sc. classes (**1991**); participated **actively**, and put forth a **number** of useful suggestions and proposals.
6. Having been nominated **Member, National Curriculum Revision Committee** for the improvement of

curricula in Statistics for the M.Sc./ BA/B.Sc. / FA/F.Sc. classes (1987), participated **actively** in the NCRC Meeting, and put forth a number of useful suggestions and proposals.

(ii) Member, Board of Studies:

1. Member, **Board of Studies in Statistics, Kinnaird College For Women, Lahore** (2003 to date).
2. Active participation in Meeting of **Board of Studies in Statistics, COMSATS Institute of Information Technology, Lahore** (February 2018); put forth a number of useful comments and suggestions.
3. Active participation in Meeting of **Board of Studies in Statistics, COMSATS Institute of Information Technology, Lahore** (January 19, 2017); put forth a number of useful comments and suggestions.
4. Subsequent to having been nominated **Member, Board of Studies, Department of Mathematics & Statistics, Virtual University of Pakistan**, participated in the Board of Studies Meeting held on October 26, 2015 and rendered a number of useful suggestions and proposals.
5. Participated in the **Board of Studies Meeting as Expert, Board of Studies in Statistics, University of Gujrat** held at the University Campus (Gujrat) on January 7, 2013; put forth a large number of useful suggestions and proposals.

5. Conference Paper:

Presented a detailed paper entitled “**Proposal for a Comprehensive Four-Year Program of Study in Statistics at the Undergraduate Level in Pakistan**” at the **National Seminar on Statistics for Development** held in Islamabad, Pakistan (February 1990).

XIX. CURRICULUM EVALUATION OF MS/MPHIL PROGRAMS PROPOSED BY VARIOUS UNIVERSITIES OF PAKISTAN:

(iii) Bahria University, Islamabad:

Having been invited to do so by the Higher Education Commission of Pakistan, carried out evaluation of the curriculum of the MS Data Science Program to be launched by Bahria University, Islamabad (ref. NOC to be given to the University by the Higher Education Commission of Pakistan for the Launch of the Program); ratified the curriculum with *a number of* suggestions for alterations / additions (March-April 2018).

(iv) Abdul-Wali Khan University, Mardan:

Having been invited to do so by the Higher Education Commission of Pakistan, carried out evaluation of the curriculum of the MPhil Statistics Program of Abdul-Wali Khan University, Mardan (ref. NOC to be given to the University by the Higher Education Commission of Pakistan for the Conduct of the Program); ratified the curriculum with suggestions for a few minor alterations / additions (December 2017 / January 2018).

XX. REVIEW OF SCIENTIFIC PAPERS:

1. Acted in June 2022 as **Referee / Reviewer** of **two scientific papers** submitted for presentation at the **11th International Conference on Teaching Statistics (ICOTS 11)** to be held in **Rosario, Argentina** on September 11-16, 2022.
2. Acted in February 2018 as **Referee / Reviewer** of a **scientific paper** to be presented at the **10th International Conference on Teaching Statistics (ICOTS 10)** to be held in **Kyoto, Japan** on July 8-13, 2018.
3. Acted as **Referee / Reviewer** of a **scientific paper** for presentation at the IASE Satellite Conference 2017 (May 2017).
4. Acted as **Referee / Reviewer** of a **scientific paper** for publication in the **Pakistan Journal of Statistics and Operations Research (PJSOR)** (April 2011).
5. Acted as **Referee / Reviewer** of a **scientific paper** for publication in the **Pakistan Journal of Statistics and Operations Research (PJSOR)** (March 2011).

**XXI. SUBJECT EXPERT FOR INTERVIEWS TO BE CONDUCTED
FOR THE POSITION OF ASSISTANT PROFESSOR, LAHORE
COLLEGE FOR WOMEN UNIVERSITY:**

Rendered services as **Subject Expert** for the conduct of **Interviews** organized by **Lahore College For Women University** on 20th October 2022 for **Recruitment to the Posts of Assistant Professor of Statistics**.

**XXII. ADVISOR / SUBJECT SPECIALIST FOR THE PUNJAB PUBLIC
SERVICE COMMISSION:**

1. Rendered services as **Subject Specialist** for the conduct of **Interviews** organized by the **Punjab Public Service Commission** on Nov 24, 2011 for **Recruitment to the Posts of Assistant Professor of Statistics (Female) BS 18** in the Punjab Higher Education Department.
2. Rendered services as **Advisor** for Interviews for the **Posts of Assistant Professor Statistics (Female)** in the **Punjab Higher Education Department** conducted by the **Punjab Public Service Commission** on Nov 24, 2010.

**XXIII. CONSULTATIVE WORKSHOP ON MULTIPLE
INDICATOR CLUSTER SURVEY (MICS):**

Active Participation in **Consultative Workshop on MICS 2017** organized by **Punjab Bureau of Statistics** (P & D Department, Govt. of the Punjab), 7th February, 2017.

XXIV. CONDUCT OF COURSES AT CIVIL SERVICES ACADEMY / NIM / NIPA:

1. Rendered **two lectures** pertaining to the Course entitled **Quantitative Techniques for Decision-Making** to the participants of the **Mid-Career Management Course (MCMC)** at the **National Institute of Management (NIM)** in Lahore, Pakistan (January 10 & 11, 2018);
2. Rendered a **Course** entitled **Quantitative Tools for Decision-Making** to the participants of the **45th Common Training Program** at the **Civil Services Academy** in Lahore, Pakistan (October 16, 2017 to Feb 22, 2018);
3. Rendered a **Course** entitled **Quantitative Tools for Decision-Making** to the participants of the **44th Common Training Program** at the **Civil Services Academy** in Lahore, Pakistan (scheduled from Nov. 14, 2016 to Feb. 3, 2017);
4. Rendered a **Course** entitled **Quantitative Tools for Decision-Making** to the participants of the **43rd Common Training Program** at the **Civil Services Academy** in Lahore, Pakistan (scheduled from October 26, 2015 to Feb 19, 2016);
5. Rendered a **Course** entitled **Quantitative Tools for Decision-Making** to the participants of the **42nd Common Training Program** at the **Civil Services Academy** in Lahore, Pakistan (October 2014-March 2015);
6. Rendered a **Course on Quantitative Tools for Decision-Making** to the participants of the **37th Common Training Program** at the **Civil Services Academy** in Lahore, Pakistan (January 2010).
7. Delivered lectures (acting as **Resource Person**) on a regular basis at an annual course on **Quantitative Techniques and Computer Orientation** held at **National Institute of Public Administration (NIPA), Lahore(1985 to 1990, 1997)**.

**XXV. ACTIVE PARTICIPATION IN BRITISH COUNCIL
GLOBAL EDUCATION DIALOGUE MEETINGS**

1. Participated in the **British Council Global Education Dialogue South Asia Series Lahore Meeting & Knowledge Park Conference** (May 6, 7 & 9, 2014); participated actively and put forth

a number of useful comments and suggestions.

2. Participated in the **British Council Global Education Dialogue South Asia Series Mumbai Meeting** (Jan 9-10, 2014); participated actively and put forth a number of useful proposals and suggestions.
3. Participated in the **British Council Global Education Dialogue South Asia Series London Meeting** (Sep 23-24, 2013); participated actively and put forth a number of useful proposals and suggestions.

XXVI. COURSE DEVELOPMENT FOR THE VIRTUAL UNIVERSITY OF PAKISTAN:

1. Designed and developed a course on **Probability Distributions** for the **Virtual University of Pakistan** under the auspices of which all courses are conducted via **television** and **internet**. More than 1350 minutes of this full-semester course video-recorded in 2018 for the students of the newly launched MSc Statistics Program and televised on VTV channels spanning approximately 59 countries of the **Middle-East, South-East Asia** and neighboring regions.
2. Designed and developed a course on **Statistics and Probability** for the **Virtual University, Ministry of Science & Technology, Government of Pakistan** under the auspices of which all courses are conducted via **television** and **internet**. A total of 45 lectures of this full-semester course video-recorded in Winter 2002-03 and are being continuously televised on VTV channels spanning approximately 59 countries of the **Middle-East, South-East Asia** and neighboring regions.

XXVII. COURSE DEVELOPMENT FOR INTERMEDIATE-LEVEL STUDENTS:

Designed and developed four courses in **Statistics** and **Mathematics** for the Intermediate-level students of **Concordia Colleges**, a chain of colleges in the **Punjab**, as follows:

1. A large number of five to ten-minute-long video-recorded modules on material contained in the **Business Statistics Class XII** Textbook published by the Punjab Textbook Board (2015-16);
2. A large number of five to ten-minute-long video-recorded modules on material contained in the **Statistics Class XII** Textbook published by the Punjab Textbook Board (2015);
3. A large number of five to ten-minute-long video-recorded modules on material contained in the **Business Mathematics Class XI** Textbook published by the Punjab Textbook Board (2014-15);
4. A large number of five to ten-minute-long video-recorded modules on material contained in the **Statistics Class XI** Textbook published by the Punjab Textbook Board (2014).

XXVIII. STATISTICAL CONSULTANCY PROJECTS:

1. Carried out with my students of BSc Statistics Semester VII a **Statistical Consulting Project** that entailed **Preparation of a Report based on Analysis of Broiler Meat Data** obtained from **University of Veterinary and Animal Sciences (UVAS), Lahore** (during the first half of the 3-credit-hour Course entitled 'Statistical Consultancy' (Fall Semester, 2021)).
2. Carried out with my students of BSc Statistics Semester VII a **Statistical Consulting Project** that entails **Preparation of a Report regarding (i) Serious Accidents and (ii) Fatal Accidents that Occur in the Mines located in the Punjab Province of Pakistan** based on data provided by the **Mining Department, Government of the Punjab, Lahore** (during the first half of the 3-credit-hour Course entitled 'Statistical Consultancy' (Fall Semester, 2020)).
3. Carried out with my students of BSc Statistics Semester VII a **Statistical Consulting Project** resulting in a **Report regarding Fire Emergencies in the Punjab** based on data provided by **Rescue 1122, Lahore** (during the second half of the 3-credit-hour Course entitled 'Statistical Consultancy' (Fall Semester, 2019)).
4. Carried out with my students of BSc Statistics Semester VII a **Statistical Consulting Project** resulting in a **Portfolio of Patient Data** provided by **Ganj Bakhsh Hospital, Lahore** (during the first half of the 3-credit-hour Course entitled 'Statistical Consultancy' (Fall Semester,

- 2019)).
5. Carried out with my students of BSc Statistics Semester VII a **Statistical Consulting Project** resulting in a **Portfolio of Each District of the Punjab where the Mining Activity is being carried out** on the basis of the **Census Data** collected by the **Mining Labour Welfare Organization (MLWO), Mines and Minerals Department, Government of the Punjab, Lahore** (3-credit-hour Course entitled ‘Statistical Consultancy’ (Fall Semester, 2018)).
 6. Carried out with my students of BSc Statistics Semester VII a **Statistical Consulting Project** resulting in a **Report Regarding the Marks obtained by Probationary Officers** based on data provided by the **Civil Services of Pakistan (Lahore)** (Second half of the 3-credit-hour Course entitled ‘Statistical Consultancy’ (Fall Semester 2017)).
 7. Carried out with my students of BSc Statistics Semester VII a **Statistical Consulting Project** resulting in a **Report Regarding Rainfall and Water Discharge** based on data provided by the **Water Resources Division the National Engineering Services of Pakistan (NESPAK),** (First half of the 3-credit-hour Course entitled ‘Statistical Consultancy’ (Fall Semester 2017)).

XXIX. WORKSHOPS RENDERED AT VARIOUS INSTITUTIONS:

1. Rendered a **Workshop** on **Teaching Statistical Inference Through a Freely Available Online Software (StatKey)** at the **Headquarter** of the **Islamic Countries Society of Statistical Sciences (ISOSS House), Lahore** on November 12, 2017.
2. Rendered a two-hour-long **Tutorial (Workshop)** on **LATEX** at the **First International Conference on Advanced Modeling and Simulations (EME NUST, Rawalpindi, Nov 30, 2011).**
3. Rendered a Day-Long **Workshop** entitled **“Introduction to LATEX”** at **Kinnaird College For Women, Lahore** (Nov 12, 2011).

XXX. PRE-CONFERENCE WORKSHOP RENDERED AT ICOTS11:

Rendered an **Online Workshop** entitled **‘Tidyverse for Elegant Data-Visualization and Data-Manipulation’** in collaboration with **Dr. Sharqa Hashmi** (as one of the pre-conference workshops of ICOTS11), September 10 & September 11, 2022.

XXXI. SERIES OF LECTURES RENDERED AT VARIOUS INSTITUTIONS:

1. Delivered lectures (acting as **Resource Person**) on **“The Role of Statistics in the Field of Medicine”** on a regular basis during **Short Courses** organized for medical doctors (1999 to 2003).
2. Delivered lectures (acting as **Resource Person**) on a regular basis at various courses held at the governmental organization **_Pakistan Institute of Statistical Training & Research“ (“PISTAR”), Lahore** (1993 to 2001).
3. Delivered lectures (acting as **Resource Person**) on a regular basis during the **Refresher Courses** in the subject of **Statistics** organized by the **Directorate of Staff Development (DSD), Punjab, Lahore** (1993 to 2000).
4. Delivered lectures on **Experimental Design** at the **Summer School for Post-Graduate Teachers in Statistics** held at **Government College, Lahore** (July – August, 1987).

XXXII. TALK RENDERED AS INVITED SPEAKER AT AN ONLINE SEMINAR:

Was **INVITED SPEAKER** at the **Online Seminar on Tidyverse** organized by **Dr. Otieno Joyce Akinyi** and **Mr. Mawora Thomas Mwakudisa** of **Maseno University, Kenya** (September 10, 2020).

XXXIII. TALKS RENDERED AS INVITED SPEAKER AT VARIOUS INSTITUTIONS:

1. Was invited to deliver a **Talk** as **Guest Speaker** at the **Seminar on Statistical Sciences** held at the **Virtual University of Pakistan, M. A. Jinnah Campus, Lahore** on **-The Role of Statistics in**

- Spreading Awareness Regarding the Socio-Economic Situation of Pakistan (June 20, 2019).
2. Was invited to deliver a Lecture to the **MPhil students** of the **Department of Environmental Sciences** at **Kinnaird College For Women, Lahore** on Analysis of Quantitative Data through a particular statistical package (Kinnaird College Computer Lab., April 11, 2018).
 3. Was invited as **Guest Speaker** by the **Department of Statistics** at **Lahore Garrison University** to deliver an **INVITED TALK** entitled „**The Power of Statistics**“ (February 28, 2018).
 4. Was invited as **Guest Speaker** by the **Department of English** at **Kinnaird College For Women, Lahore** to deliver a Talk **_A Guide to Developing Effective Questionnaires for Surveys_** (Kinnaird College Auditorium. November 15, 2017).
 5. Was invited as **Guest Speaker** by the **Department of Statistics** at **Lahore College For Women University, Lahore** to deliver an **INVITED TALK** entitled „**Utilization of MICS Data for National Development**“(October 20, 2017).
 6. Was invited as **Guest Speaker** by the **Department of Electrical Engineering** at **Government College University, Lahore** to deliver an **INVITED TALK** entitled „**Statistical Tools for Design and Analysis of Data for Planning & Prediction**“(May 24, 2017).
 7. Delivered **INVITED TALK** entitled “**On More Accurate Modeling of Corrosion Data of Offshore and Subsea Structures**” at the **World Statistics Day Program** held at Kinnaird College For Women, Lahore on November 16, 2016.
 8. Delivered **INVITED TALK** entitled “**On the Role of Statistics in Medical Education and Research**” at Shaheed Mohtarma Benazir Bhutto Medical University (SMBBMU), Larkana, Pakistan (Nov. 7, 2016).
 9. Invited as **Expert** and **GUEST SPEAKER** at the **Research Conference (Competition)** held at **Lahore School of Management (LSM), University of Lahore** (September 24, 2016).
 10. Delivered an **INVITED TALK** entitled **-Research on Socio-Economic Situation of Pakistan through Official Data**” at the **One-Day International Seminar -Statistics as Tool in Actuarial, Social and Inter-disciplinary Dilemma** held at the Women University, Multan on March 22, 2016.
 11. Delivered an **INVITED TALK** entitled “**Clarity of Concepts and Inspirational Teaching**” to two different groups of FA/FSc teachers of Concordia Colleges, Punjab (August, 2015).
 12. Rendered a **Series of Seminars** by the name of **EXPERT SEMINARS in Statistics** to the faculty and students of the **Department of Statistics, Kinnaird College For Women, Lahore, Pakistan** (Spring Semester 2015).
 13. Delivered **INVITED TALK** entitled “**On a Newly Developed Methodology for More Accurate Modeling**” at the **Universiti Malaya, Kuala Lumpur (Malaysia)** on Aug 11, 2014.
 14. Delivered a **KEYNOTE TALK** entitled “**On a Newly Developed Methodology for More Accurate Modeling**” at the **First Meeting** of the Association **Pakistani Women in Mathematics (PWM)** held at **Quaid-e-Azam University, Islamabad** on April 3, 2014; subsequently, the same Talk was delivered at the **Universiti Malaya, Kuala Lumpur (Malaysia)** on Aug 11, 2014.
 15. Delivered an **INVITED LECTURE** entitled “**Newly Developed Techniques for Lifetime modeling**” at the **University of Engineering and Technology (UET), Lahore** on December 23, 2013.
 16. Delivered a lecture as **INVITED SPEAKER** at the **-Second National Conference on Space Science**” organized by the Institute of Space & Planetary Astrophysics (ISPA), University of Karachi, Karachi on October 7-8, 2013 in order to celebrate the **World Space Week**.
 17. Was **KEYNOTE SPEAKER** at the Third International Conference on Aerospace Science and Engineering (ICASE 2013) (Islamabad, Pakistan, August 21-23, 2013) in order to present the paper —Some Results Pertaining to the Hazard Functions of Self-Inverse Life-Distributions by Fatima, S.S., Habibullah, S.N. and Saunders, S.C.
 18. Delivered an **INVITED TALK** entitled “**1985-2010: Twenty-five Years of Creativity and Innovation in Statistical Education**” at the **University of Management and Technology (UMT), Lahore** on March 21, 2013 in connection with the **International Year of Statistics**
 19. Was **INVITED SPEAKER** at the Seventh International Conference On Teaching Statistics (ICOTS 7), (Salvador, Bahia, Brazil, July 2006) in order to present the paper **-The First Internship Program Organized by the Statistics Division in the History of Pakistan.**

20. Was **INVITED SPEAKER** at the 54th Session of the International Statistical Institute (ISI), Berlin, Germany (August 2003) in order to present the paper –Creative Education: A Way of Life.
21. Was **INVITED SPEAKER** at the Sixth International Conference on Teaching Statistics (ICOTS 6), Cape Town, South Africa (July 2002) in order to present the paper —Data Analysis Talent Award: A Giant Leap!
22. Was **INVITED SPEAKER** at the Third International Conference on Teaching Statistics (ICOTS 3), Dunedin, New Zealand (August, 1990) in order to present the paper —An Experiment in Motivational Techniques to Supplement Format Education of Statistics at the Higher Secondary/Intermediate Level.

XXXIV. LAUNCH AND CONTINUATION OF INTERNSHIP PROGRAM BY STATISTICS DIVISION/ PBS FOR STUDENTS OF KINNAIRD COLLEGE:

1. Played an important role in the Renewal of the Agreement with the **Pakistan Bureau of Statistics, Government of Pakistan**, for the organization of the **Internship Program** every year from 2021 to 2025 for students of BSc and MPhil Statistics (Fall 2021).
2. Played an important role in the Renewal of the Agreement with the **Pakistan Bureau of Statistics, Government of Pakistan**, for the organization of the **Internship Program** every year from 2016 to 2020 for students of BSc and MPhil Statistics (Fall 2016).
3. Played role in the Renewal of the Agreement with the **Statistics Division, Government of Pakistan**, for the organization of the **Internship Program** every year from 2010 to 2015 for students of BSc Statistics (Spring 2010).
4. Arranged the Signing of an Agreement between Kinnaird College and the Statistics Division, Government of Pakistan for the conduct of an Internship Program for MSc / BSc Statistics students every year for five successive years from 2006 to 2010 (2005).
5. Collaborated with the **Statistics Division, Government of Pakistan**, for the organization of the **first-ever Internship Program** for students of MSc Statistics in the history of Pakistan.(2004).

XXXV. ORGANIZATION OF SIGNIFICANT EVENTS AT KINNAIRD COLLEGE:

1. **Chief Organizer and Convener, Seminar on Research Methodologies: Exploring New Avenues and Revisiting Existing Ones** by **Dr. Freeha Fatima, World Bank, Washington, USA** (Feb 25, 2015).
2. **Chief Organizer and Convener, Workshop on Best Research Practices (Western Perspective)** by **Dr. Tahir Irfan Khan, University of Calgary, Alberta, Canada** (Aug 21, 2014).
3. **Chairperson, Organizing Committee / Focal Person, Kinnaird Multidisciplinary Research Conference (KMRC 2013)**, the first of its kind at Kinnaird; 19 Invited Speakers (7 from abroad, 12 from within Pakistan); 125 research papers (Nov 18-19, 2013).
4. **Chief Organizer and Convener of the Ten-Day Visit of Kinnaird College** by **Dr. Marina Meila, Associate Professor, University of Washington, USA** (Aug 30 to Sep 8, 2012).
5. **Chief Organizer and Convener of the Seventeen-Day Visit of Kinnaird College** by **Dr. Kevin J. Keen, Associate Professor, University of Northern British Columbia, Canada** (March 14-31, 2012).
6. Organized the **Kinnaird College Statistics Forum for the Enlightenment of Students, Teachers, Innovators, Veterans, Amateurs and Learners (FESTIVAL)** on October 18, 2010, Kinnaird College thus becoming **the first educational institution of the world** to have celebrated the **World Statistics Day**.
7. Organized a **Two-Day Workshop on “Statistical Analysis Through Computers”** for faculty-members and students of Statistics belonging to different cities and towns of Pakistan on Apr 26-27, 2010.

XXXVI. CHAIRPERSON, KINNAIRD DELEGATIONS TO CONFERENCES:

1. Acted as **Chairperson, Kinnaird Delegation to Tenth International Conference on Statistical Sciences** held at the **Leeds University / ISOSS HOUSE** on March 7-9, 2013; a total of six research-papers were presented by faculty and students of Kinnaird College.

2. Acted as **Chairperson, Kinnaird Delegation to SZABIST'S Second International Research Conference (SIRC)** held at the Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology, Karachi on December 14-15, 2012; the two-member Delegation presented three research-papers.
3. Acted as **Chairperson, Kinnaird Delegation to the Second International Multidisciplinary Conference** held at the **Sarhad University of Science and Information Technology, Peshawar** on Sep 24-25, 2012; the Delegation included two faculty-members and seven students (who presented nine research-papers).
4. Acted as **Chairperson, Kinnaird Delegation to the Ninth International Conference on Statistical Sciences** held at the **National College of Business Administration and Economics, Lahore** on July 4-5, 2012; the Delegation included three to four faculty-members and nineteen students (who presented twenty research-papers).
5. Supervised three undergraduate students of Kinnaird College to present full-fledged papers at the **Eleventh All Pakistan Statistics Conference** organized by the **Pakistan Statistical Association (PSA)** and held at the University of the Punjab, Lahore (May 1997).

XXXVII. JUDGEMENT OF POSTER COMPETITIONS:

National:

1. **Judge**, Statistical Research Poster Competition, Forman Christian College (FCC University), Lahore (April 29, 2018).
2. **Judge & Guest of Honor**, Statistical Research Festival Poster Competition, *150 Years of Excellence*, Government College University, Lahore (May 16, 2014).

International:

Member of the Panel of International Judges for the All New Zealand Schools Statistics Competition (Dunedin, New Zealand, August 1990).

XXXVIII. RESEARCH SUPERVISION OF MPhil STUDENTS:

6. **Areba Sattar**, Student of MPhil Statistics Batch of 2021-23 at Kinnaird College, co-supervised by Ms. Fatima Jamil. MPhil Thesis Title: *On the Size-Biased SIA Lognormal Power Distribution*. (Thesis-work ongoing).
7. **Sidra Suhail**, Student of MPhil Statistics Batch of 2021-23 at Kinnaird College, co-supervised by Dr. Kalsoom Akhtar. MPhil Thesis Title: *Application of the Method of Size-Biasedness on a Self-Inverse Distribution*. (Thesis-work ongoing).
8. **Iqra Mushtaq**, Student of MPhil Statistics Batch of 2019-21 at Kinnaird College, co-supervised by Ms. Fatima Jamil. MPhil Thesis Title: *On Some Properties of a New Probability Model based on Linear Combination of Two Self-Inverse Densities*. (Thesis defended successfully (January 2022)).
9. **Nowara Farooq**, Student of MPhil Statistics Batch of 2019-21 at Kinnaird College, co-supervised by Ms. Fatima Jamil. MPhil Thesis Title: *A Generalization of the SIU-Nakagami-Ratio Model and its Application in Survival Analysis*. (Thesis defended successfully (January 2022)).
10. **Khadija Noor Butt**, Student of MPhil Statistics Batch of 2019-21 at Kinnaird College, MPhil research work commenced in September 2020 (being co-supervised by Ms. Fatima Jamil).
11. **Syeda Zahra Bokhari**, Student of MPhil Statistics Batch of 2016-18 at Kinnaird College, MPhil Thesis Title: *On a New Self-Inverse Probability Model based on the Inverse-Gamma Distribution* (Thesis successfully defended in January 2019).
12. **Maria Ghulam Rasool**, Student of MPhil Statistics Batch of 2016-18 at Kinnaird College, MPhil Thesis Title: *On a New SIA Density based on the Weibull Distribution* (Thesis successfully defended in January 2019).
13. **Erma Khan**, Student of MPhil Statistics Batch of 2016-18 at Kinnaird College, MPhil Thesis Title: *Reliability-Related Properties of Parallel and Series Systems of Components possessing a common SIA Log-Cauchy Life-distribution* (Thesis defended successfully (2018)).
14. **Shumaila Nadeem**, Student of MPhil Statistics Batch of 2016-18 at Kinnaird College, MPhil Thesis Title: *An Investigation of the Reliability of Parallel and Series Systems of Identical Components*

- possessing a common SIA Log-Logistic Life-distribution* (Thesis defended successfully (2018)).
15. **Ayesha Butt**, Student of MPhil Statistics Batch of 2015-17 at Kinnaird College, MPhil Thesis Title: *On the Development of the SIA-Log Student-t Distribution* (thesis successfully defended in November 2017).
 16. **Shagufta**, Student of MPhil Statistics Batch of 2015-17 at Kinnaird College, MPhil Thesis Title: *On the Development of the SIA-Log-Laplace Distribution* (thesis successfully defended in Nov. 2017).
 17. **Kessica Xavier**, Student of MPhil Statistics Batch of 2014-16 at Kinnaird College, MPhil Thesis Title: *On the SIA-Log-logistic Power Distribution* (Thesis defended successfully (January 2017)).
 18. **Aiman Ali**, Student of MPhil Statistics Batch of 2014-16 at Kinnaird College, MPhil Thesis Title: *On the SIA-Log-Cauchy Power Distribution* (Thesis defended successfully (January 2017)).
 19. **Safoora Samuel**, Student of MPhil Statistics Batch of 2011 at Kinnaird College, MPhil Thesis Title: *On the SIA Lognormal Power Distribution* (Thesis defended successfully (January 2017)).
 20. **Muhammad Abid Hayat**, Student of MPhil Statistics Batch of 2011 at Government College University (in my capacity as Adjunct/Visiting Faculty (Evening time)), MPhil Thesis Title: *A New Self-Inverse Density Function Suitable for Modeling Lifetime Data* (Thesis defended successfully (2014)).
 21. **Syeda Shan-e-Fatima**, Student of MPhil Statistics Batch of 2011 at Government College University (in my capacity as Adjunct/Visiting Faculty (Evening time)), MPhil Thesis Title: *Non-parametric Estimation of Self-Inverse Distributions* (Thesis defended successfully (2014)).
 22. **Fatima Jamil**, Student of MPhil Statistics Batch of 2012 at Kinnaird College, MPhil Thesis Title: *On a New Self-Inverse Probability Model* (Thesis successfully defended on Feb 13, 2014).
 23. **Mahwish Hassan**, Student of MPhil Statistics Batch of 2009 at Kinnaird College, MPhil Thesis Title: *On a Self-Inverse Probability Model Involving the Macdonald Function* (Thesis successfully defended on Aug 26, 2013 (co-supervised by Ms Itrat Batool Naqvi)).

XXXIX. EXAMINER FOR MPhil/PHD DEFENSE IN THE AREA OF MATHEMATICAL/APPLIED STATISTICS:

24. Acted as **Internal Examiner** for the MPhil thesis of Noor Waseem, student of MPhil Statistics at Kinnaird College For Women, Lahore (June 2018).
25. Acted as **Internal Examiner** for the MPhil thesis of Nasiha Sarwar, student of MPhil Statistics at Kinnaird College For Women, Lahore (June 2018).
26. Acted as **Internal Examiner** for the MPhil thesis of Marium Zahid, student of MPhil Statistics at Kinnaird College For Women, Lahore (November 2017).
27. Acted as **Internal Examiner** for the MPhil thesis of Jaweria Sharif, student of MPhil Statistics at Kinnaird College For Women, Lahore (November 2017).
28. Acted as **Internal Examiner** for the MPhil thesis of Khadija Abbas, student of MPhil Statistics at Kinnaird College For Women, Lahore (February 2015).
29. Acted as **Internal Examiner** for the MPhil thesis of Fatima Zahid, student of MPhil Statistics at Kinnaird College For Women, Lahore (June 12, 2014).
30. Acted as **External Examiner** for the **PhD Defense** of Mr. Anwar Hasnain (student of PhD, Applied Statistics, at NCBA&E, Lahore), November 21, 2013.

XL. MISCELLANEOUS CONTRIBUTIONS SUBSEQUENT TO THE LAUNCH OF THE FOUR-YEAR PROGRAM AT KINNAIRD COLLEGE:

1. Chaired a **Scientific Session** at the **2nd International Conference On Statistical Sciences** organized by **Government College University, Lahore** (March 10-11, 2022).
2. Chaired a **Scientific Session** under **Topic 3** of the **10th International Conference On Teaching Statistics (ICOTS 10)** held in **Kyoto, Japan** (July 8-13, 2018).
3. Worked actively for a number of weeks during Fall 2017 for the organization of a number of **Scientific Sessions** under **Topic 3** of the **10th International Conference On Teaching Statistics (ICOTS 10)** to

- be held in **Kyoto, Japan** from July 8-13, 2018.
4. Represented **Principal, Kinnaird College For Women, Lahore** at the **Grand MOU-Signing Ceremony** held at **Shaheed Benazir Bhutto Women’s University (SBBWU), Peshawar** for the coming together of the Vice Chancellors of all women’s universities of Pakistan. (August 27, 2015).
 5. Acted as **Co-Chairperson**, Technical Session ‘Fatigue / Crack Growth II’ at the **11th International Conference on Structural Safety and Reliability (ICOSSAR 2013)**, New York, USA (June 16 to 20, 2013).
 6. Acted as a **Chair, Panel of Discussants** in the **Kinnaird Education Conference 2013** organized by Kinnaird College for Women in collaboration with the British Council (Feb 22-23, 2013).
 7. Conceived the idea of **Kinnaird’s Participation in a Pair of Research Projects to be undertaken in collaboration with Sarhad University of Science and Information Technology, Peshawar**; motivated Kinnaird faculty-members to take part in these research projects; participated actively in the preparation of the draft of an **MOU** to be signed by the Vice Chancellor, SUIT and the Principal, Kinnaird College (November-December, 2012).
 8. Having been invited to act as **Member of the International Statistical Institute (ISI) Committee on Membership Expansion and Renewal**, contributed *actively* to the deliberations of the committee (2001-02).
 9. Participated in the **Meeting** organized by the **Statistics Division, Government of Pakistan**, to finalize the **National Strategy for the Development of Statistics(NSDS)** and the **Pakistan Bureau of Statistics (PBS) Operational Plan**; put forth a number of useful suggestions and proposals (March 28, 2011).
 10. Actively participation in **Inaugural Seminar on Census Pakistan – 2011** organized by the **Statistics Division, Government of Pakistan** in collaboration with **UNFPA** (Islamabad, Feb 10, 2011);actively participated in the discussions held in **Technical Session –II (proposed sample design for Form (2-A))** and put forth a number of comments and suggestions.
 11. Having been elected member of the **Academic Council** of Kinnaird College (Fall 2009), put forth a number of useful suggestions and proposals.
 12. Rendered services as **Chair** of the **Student Ethics and Discipline Committee** of Kinnaird College (Fall 2009 to Dec 2010).

XLI. INITIATIVES FOR THE ENHANCEMENT OF STATISTICAL EDUCATION PRIOR TO THE LAUNCH OF THE FOUR-YEAR PROGRAM AT KINNAIRD COLLEGE:

1. Launched the “**Data Analysis Talent Award (DATA)**” in 1997 — An international competition for the worldwide community of students aged 18 to 26 (1997, 1998, 2000).
2. In 1997, the Statistics Teachers’ Educational Program was renamed to be called the “**Kinnaird College Statistics Forum For the Enlightenment of Students, Teachers, Innovators, Veterans, Amateurs and Learners (KINNAIRD COLLEGE STATISTICS FESTIVAL)**” (a two-day-long Workshop-cum-Exhibition attracting students, teachers and practitioners of Statistics).
3. Launched an annual/biennial **Newsletter** of the **Kinnaird College Statistics Department** in 1996. The newsletter was entitled “**STEP MATTERS**” in 1996 and 1997, and in 1998 it was re-named to be called “**FESTIVE TIMES**”.
4. Initiated the **Prize for Research and Innovation in Statistical Education (PRISE)**, an award-scheme for Lecturers, Assistant Professors, Associate Professors and Professors of Statistics working in various Intermediate and Degrees college of Pakistan (1995-97).
5. Initiated the **Statistics Teachers’ Educational Program (STEP)** in September, 1992. Ten workshops conducted between September 1992 and September 1996.
6. Initiated the idea of **Inter-collegiate Statistical Competitions** in the city of Lahore as well as other cities and towns of Pakistan (1990 to 2000): the **Kinnaird Inter-collegiate Statistical Competition (KISC) Ordinary Level** attracted a large number of students from various colleges of the country (the **Competition Of Data Analysis At Kinnaird (CODAK)** having been organized exclusively for students of Kinnaird College).

7. Initiated the idea of **Statistical Exhibitions** in Intermediate and Degree Colleges of Pakistan:
 - i. **Kinnaird’s Visiting Statistical Exhibition (KVSE)** (1991-95) was held in numerous colleges of Lahore as well as other cities and town of Pakistan, to promote the idea of small-scale statistical projects among the country-wide community of undergraduate students.
 - ii. The **Kinnaird Annual Statistical Exhibition (KASE)** (1989-1998) attracted a large number of students and teachers from various parts of the country;
8. In addition to statistical surveys / research projects mentioned in XIII below, conducted / supervised the following statistical projects at Kinnaird College:
 - i. **“Discoveries about Kinnaird College!”** (1988-89).
 - ii. **-Statistics — With a Difference!”** (1990-91).

XLII. SMALL-SCALE STATISTICAL SURVEYS / RESEARCH-WORK PRIOR TO THE LAUNCH OF/DURING THE FIRST SEMESTER OF THEFOUR-YEAR PROGRAM AT KINNAIRD COLLEGE:

1. Survey regarding **Career Options of Kinnaird Girls** (Fall 2003).
2. Survey regarding the **Educational & Professional Inclinations of Kinnaird Graduates** (Summer 1998).
3. **Survey on Students’ Inclinations with reference to Choice of Subjects** (Data collected from Kinnaird College for Women, Lahore and APWA College, Lahore) (Oct/Nov 1996).
4. **Survey on the Educational Experience of Undergraduate Students** (1991-93, 1995).
5. **Analysis of Medical Statistics pertaining to Leukemia** (a project carried out by the Statistics Department of Kinnaird College for Women, Lahore in collaboration with the Institute of Nuclear Medicine and Oncology (INMOL), Lahore (1991-92).
6. **Survey on the Views of Students regarding the Teaching Methodology prevalent at Kinnaird College** (1986-87).
7. **Opinion Survey about JIU – JITSU** (1986).
8. **Survey on the Future Plans of Kinnaird Students regarding education, career and marriage after their BA/B.Sc.** (1985-86).
9. **Opinion Survey about Pakistan Studies** (1985)

XLIII. MISCELLANEOUS CONTRIBUTIONS PRIOR TO THE LAUNCH OFTHE FOUR-YEAR PROGRAM AT KINNAIRD COLLEGE:

1. Acted at **Home Group Facilitator** at the 9th International Conference on **Gender And Science And Technology (GASAT 9)** held in Accra, Ghana (July, 1999).
2. Acted as one of the **Group-Leaders** of the **Educational Youth Exchange Program** between the **Strathclyde Community Education Department (Glasgow, Scotland)** and Kinnaird College for Women, Lahore (1990, 1993).
3. Acted as a **Panelist** in a Seminar entitled **“Scrutinizing Education: Existing Parameters and Alternative Perspectives”** held at Kinnaird College for Women, Lahore, Pakistan (January 1988).

XLIV. COURSES / WORKSHOPS / SEMINARS / CONFERENCES ATTENDED:

1. Attended Webinar entitled **‘Economic Data Availability for Researchers’** by **Dr. Abdul Basit (Pakistan)** on October 23, 2022
2. Attended Webinar entitled **‘Gender Gaps in Education, Pay and Leadership’** by **Prof. Haritini Tsangari (Cyprus)** with Feedback from **Prof. Shahjahan (Australia/Bangladesh)** on November 12, 2022.
3. Participated in the **"One-Day Online Workshop on Utilization of Remote Sensing in Sample Surveys and Censuses"** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (March 13, 2022).
4. Participated in **Workshop No. 3 of 3 of “Online Workshop Series on Data Mining: Network Mining”** by **Dr. Pedro Campos (Portugal)** organized by **Pak Institute of Statistical Training**

- and Research (PISTAR)**, (February 20, 2022).
5. Participated in **Workshop No. 2 of 3 of “Online Workshop Series on Data Mining: Modelling and Evaluation”** by **Dr. Pedro Campos (Portugal)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (January 30, 2022).
 6. Participated in **Workshop No. 1 of 3 of “Online Workshop Series on Data Mining: The Data Preparation Step”** by **Dr. Pedro Campos (Portugal)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (January 16, 2022).
 7. Participated in **Online Workshop on “Risk Literacy”** by **Prof. Manfred Borovcnik (Austria)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (December 5, 2021).
 8. Participated in **Online Workshop on “CODAP”** by **Dr. Daniel Frischemeier (Germany)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (November 5, 2021).
 9. Participated in **Online Workshop on “Fathom”** by **Dr. Daniel Frischemeier (Germany)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (October 5, 2021).
 8. Participated in **Online Workshop on “TinkerPlots”** by **Dr. Daniel Frischemeier (Germany)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (September 5, 2021).
 9. Participated in **Workshop No. 5 of 5 of “Online Workshop Series on Data Science Ideas for Aspiring Statistical Consultants”** by **Prof. Roger Stern & Dr. David Stern (United Kingdom)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, August 15, 2021
 10. Participated in **Workshop No. 4 of 5 of “Online Workshop Series on Data Science Ideas for Aspiring Statistical Consultants”** by **Prof. Roger Stern & Dr. David Stern (United Kingdom)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, July 24, 2021
 11. Participated in **Workshop No. 3 of 5 of “Online Workshop Series on Data Science Ideas for Aspiring Statistical Consultants”** by **Prof. Roger Stern & Dr. David Stern (United Kingdom)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, July 1, 2021
 12. Participated in **Workshop No. 2 of 5 of “Online Workshop Series on Data Science Ideas for Aspiring Statistical Consultants”** by **Prof. Roger Stern & Dr. David Stern (United Kingdom)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, June 7, 2021
 13. Participated in **Workshop No. 1 of 5 of “Online Workshop Series on Data Science Ideas for Aspiring Statistical Consultants”** by **Prof. Roger Stern & Dr. David Stern (United Kingdom)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, May 25, 2021
 14. Participated in **Online Workshop on “Pivot Tables for Data Science”** by **Mr. Muhammad Jawad Mirza (Pakistan)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (April 10, 2021).
 15. Attended **Post-Conference Workshop on “Python”** by **Dr. Ahmed Faisal Siddiqi** (University of Central Punjab (UCP), Lahore, Pakistan) organized by **Pak Institute of Statistical Training and Research (PISTAR)** in collaboration with **Islamic Countries Society of Statistical Sciences (ISOSS)** in Lahore, Pakistan on 21st Feb 2021. (The Workshop was held immediately after the completion of the 18th International Conference on Statistical Sciences held at Imperial College of Business Studies Lahore on February 18-20, 2021.)
 16. Attended an online **Webinar on “Measuring and Reducing the Gender Gap in the Mathematical, Computing, and Natural Sciences”** organized by the **International Union of Pure and Applied Chemistry (IUPAC)**, (September 1, 2020).
 17. Attended the **2020 Joint Statistical Meetings (JSM 2020 Virtual Conference)** an Online Mega-Event organized by the **American Statistical Association (ASA)** at the time of the Covid-19 pandemic (containing approximately 5,500 participants), (August 2-6, 2020).
 18. Attended a **Two-Day Workshop on Python for Data Science** organized by the Department of Statistics and ORIC, Kinnaird College For Women, Lahore, Pakistan, (August 31 to September 1, 2019).
 19. Participated in the **62nd World Statistics Congress (WSC 2019)** organized by the **International**

Statistical Institute (ISI) (Kuala Lumpur, Malaysia, August 18 to 23, 2019).

20. Attended the **WSC 2019 Short Course** entitled „**Developing Statistical Literacy in Civic Statistics Contexts (Pro-Civic Stat)**“ by Dr. Joachim Engel, Dr. Pedro Campos and (Kuala Lumpur, Malaysia, August 16-17, 2019).
21. Attended the **IASE Satellite 2019 Short Course** entitled „“ by Prof. Gail Burrill (Kuala Lumpur, Malaysia, August 13, 2019, 1 to 5 pm).
22. Attended the **IASE Satellite 2019 Short Course** entitled „**R language**“ by Dr. (Kuala Lumpur, Malaysia, August 13, 2019, 9 am to 12 noon).
23. Participated in a two-day consultative **Foresight Workshop as a Tool for Strategic Planning** organized by **Punjab SDGs Unit, P&DD** in collaboration with **UNDP** aimed at **enhancing the SDG planning processes with strategic foresight** led by Mr. Petrus Vandepol (International Consultant), (Lahore, Pakistan, December 10-11, 2018)).
24. Attended the **BigSurv 2018 Short Course** entitled „**Biases and Their Consequences: Learning From the Total Survey Error Framework**“ by Dr. Frauke Kreuter (Barcelona, Spain, (October 25, 2018)).
25. Attended the **2018 Joint Statistical Meetings (JSM) of the American Statistical Association (ASA)** held in **Vancouver, Canada** (July 28 to Aug 2, 2018).
26. Attended the two-day **Continuing Education (CE) Course** on **Tidyverse** during the **2018 Joint Statistical Meetings (JSM) of the American Statistical Association (ASA)** held in **Vancouver, Canada** (July 28-29, 2018).
27. Attended the half-day-long **Continuing Education (CE) Course** on **Clinical Trials** during the **2018 Joint Statistical Meetings (JSM) of the American Statistical Association (ASA)** held in **Vancouver, Canada** (July 30, 2018).
28. Attended the half-day-long **Continuing Education (CE) Course** on **Data Science** during the **2018 Joint Statistical Meetings (JSM) of the American Statistical Association (ASA)** held in **Vancouver, Canada** (July 30, 2018).
29. Attended a **Pre-Conference Workshop on Data Visualization** immediately before the **10th International Conference On Teaching Statistics (ICOTS 10)** held in **Kyoto, Japan** (July 8-13, 2018).
30. Attended the **61st World Statistics Congress** of the **International Statistical Institute (61st ISI WSC)** held in **Marrakech, Morocco** (July 16 to 21, 2017).
31. Attended two-day **Workshop on Intellectual Property** organized by the Higher Education Commission under the **Tertiary Education Support Program, Capacity-building of Staff of HEIs/HEC** (held in Islamabad on May 1-2, 2015).
32. Attended the **Workshop: “How to Publish Your Research”** by Dr. Sikander Hayat at Forman Christian College University, Lahore, Pakistan (July 22, 2013)
33. Attended the **Workshop: “Structure of a Research Paper”** by Dr. Waseem Anwar at Forman Christian College University, Lahore, Pakistan (July 17, 2013)
34. Attended the **Workshop: KE Masterclasses on Public and Community Engagement** jointly organized by the **British Council** and **HEC** and held at Government College University, Lahore, Pakistan (June 25-28, 2012)
35. Attended **Workshop** organized by the State Bank of Pakistan and held at National Institute of Banking and Finance (NIBAF), Islamabad, Pakistan (May 11, 2012)
36. Attended **Workshop on Publishing your Research** (organized by Institute of Research Promotion (IRP) and held at University of Management and Technology (UMT), Lahore, Pakistan (March 31, 2012)
37. Attended **Workshop on NVIVO Software** (organized by Institute of Research Promotion (IRP) and held at University of Management and Technology (UMT), Lahore, Pakistan (January 2012)
38. Attended the Post-Conference **Workshop on How to do Good Research** rendered by **Dr. Shah**

Jahan Khan, NCBA&E, Lahore, Pakistan (December 2011)

39. Attended the **Workshop: Leadership Masterclasses** jointly organized by the **British Council** and **HEC** and held at Government College University, Lahore, Pakistan (February, 2011)
40. Attended the **Workshop on Development of Sustainable and Collaborative Research Networks (Talented Researcher Exchange Programme --- INSPIRE Pakistan)** held at Kinnaird College For Women, Lahore, Pakistan (December 8-9, 2010)
41. Attended the One Day Seminar on “**Development of Statistics in Pakistan**” at Lahore College for Women University, Lahore, Pakistan (October 19, 2010)
42. Attended the **27th International Workshop on Bayesian Inference and Maximum Entropy Methods in Science and Engineering (MaxEnt2007)**, (Saratoga Springs, NY, USA, July 8-13, 2007).
43. Attended the **Complex Systems Summer School** organized by the **Santa Fe Institute** (Santa Fe, New Mexico, USA, June 2007)
44. Attended the **World Conference on 21st Century Mathematics 2004** held at the School of Mathematical Sciences, GC University, Lahore, Pakistan (March 18-20, 2004).
45. Attended the **Seminar on Taguchi Quality Control Methods for Industrial Design of Experiments** organized by the **Islamic Society of Statistical Sciences** and held at **Higher Education Commission**, Regional Office, Lahore, Pakistan (October 19, 2003).
46. Attended the **Statistics Conference** at Government College University, Lahore, Pakistan (October 2003).
47. Completed the **Short Course “Designing the Optimal Questionnaire”** instructed by Edith de Leeuw and Don Dillman, German Institute for Economic Research, Berlin, Germany under the auspices of the **International Association of Survey Statisticians** (Berlin, Germany, Aug, 12-13, 2003).
48. Participated in the **IASE Conference on Statistics Education and the Internet** (Berlin, Germany, August 11-12, 2003).
49. Successfully completed the **Participant Teacher’s Course** of the **Intel Teach to the Future Program** conducted at Kinnaird College For Women, Lahore, Pakistan (May 13 to June 5, 2002).
50. Attended the **Eleventh All Pakistan Statistics Conference** organized by the Pakistan Statistical Association and held at the University of the Punjab, Lahore, Pakistan (May 1997).
51. Attended (a) **First International Research Seminar on Population Censuses under Disturbed Conditions** and (b) **Second International Seminar on Statistics for Islamic Economics** (Research Seminar) organized by the **Islamic Society of Statistical Sciences (ISOSS)** and the **Islamia University, Bahawalpur, Pakistan** (October 31 to November 2, 1995).
52. Participated in the **One-Day Seminar on Statistics** organized by the Pakistan Statistical Association, Faisalabad Chapter and held at the University of Agriculture, Faisalabad, Pakistan (January 1995).
53. Attended an **In-service Training Course on Statistics** organized by the National Academy of Higher Education, Islamabad and held at the University Grants Commission, Lahore, Pakistan (May 1992).
54. Participated in the **One-Day All-Pakistan Convention of Statisticians** organized by the Islamic Society of Statistical Sciences, Lahore, Pakistan (September 1991).
55. Participated in a **Workshop on Adult and Continuing Education (“Effective Teaching in Higher Education”)** organized by the **British Council**, Lahore, Pakistan (September, 1990).
56. Attended the **Pre-1991 Population and Housing Censuses Workshop** organized by the Islamic Society of Statistical Sciences, Lahore, Pakistan (July 1990).
57. Attended a **Course on Communication Skills** organized by the Pakistan Women’s Institute, Lahore, Pakistan (November 1989).
58. Participated in the **First Islamic Countries Conference on Statistical Sciences (ICCS-I)** held in

Lahore, Pakistan (August 1988).

59. Participated in the “**National Training Workshop on Statistics and Indicators on Women and Development**” organized by the Women’s Division, Islamabad, Pakistan (November 1986).
60. Attended a course entitled “**Introduction to Research Methods**” organized by the Pakistan Women’s Institute, Lahore, Pakistan (December, 1985).
61. Participated in the “**In-service College Teachers Training Programme (in Statistics)**” held at Government College, Lahore, Pakistan (July 1985).
62. Attended a course on “**Fortran Programming and Computer Applications**” held at the Institute of Statistics, University of the Punjab, Lahore, Pakistan (July 1979); secured **FIRST Position** in this course.

XLV. DETAIL OF PUBLICATIONS:

1. BOOK:

Published Abroad (Foreign Publication):

Habibullah, S.N., Memon, A.Z. and Ahmad, M. (2010). *On a Class of Distributions Closed Under Inversion*, Lambert Academic Publishing (LAP), Heinrich-Böcking-Straße 6, 66121 Saarbrücken, Germany, Date of Publication: 2nd May 2010, ISBN: 978-3-8383-4868-1 (book published out of PHD thesis).

2. ARTICLE IN BOOK:

Published Abroad (Foreign Publication):

Habibullah, S.N. (1995). -Gender Inequity in Education — A Non-Western Perspective, “*Equity in Mathematics Education: Influences of Feminism and Culture*”, 1st Edition, edited by Pat Rogers & Gabriele Kaiser, RoutledgeFalmer, 11 New Fetter Lane, London EC4P 4EE, UK, Date of Publication: 1st March 1995, ISBN 13: 978-0750704014. *Listed in ISI Web of Science*.

3. RESEARCH PAPERS PUBLISHED IN JOURNALS:

Published in Pakistan (Local Publication):

1. **Habibullah, S.N. and Xavier, K.** (2018). -Modeling Bladder Cancer Patients Data Through an SIA Log-Symmetric Distribution for Achieving Better Fit, *The Journal of Research & Reviews in Social Sciences Pakistan* 1(2), 205-211.
2. **Habibullah, S.N.** (2017). —On the Power Generalization of Log-Symmetric SIA Distributions, *Journal of ISOSS*, 3(1), 45-54.
3. **Habibullah, S.N. and Ahmad, M.** (2008). —On Some Properties of Seshadri Family of Distributions, *Pakistan Journal of Statistics*, 24(3), 163-166.
4. **Habibullah, S.N. and Ahmad, M.** (2006). —On a New Class of Univariate Continuous Distributions that are Closed Under Inversion, *Pakistan Journal of Statistics and Operations Research*, 2, 151-158.
5. **Habibullah, S.N.** (1987). —On the Determination of the Modes of the Inverted Bivariate Normal Distribution, *Pakistan Journal of Statistics, Series A*, 3(1), 49-62.

4. PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS:

A. Conference Papers in the Area of Mathematical and Applied Statistics:

(a) Published Abroad (Foreign Publication):

1. **Habibullah, S.N. and Saunders, S. C.** (2017), —Problems Arising from the Stochastic Nature of Degradation with Application to Under-Sea Structural Reliability, Proceedings of the **OCEANS 17 International Conference** (September 18-21, 2017, Anchorage, Alaska, USA). *Listed in Scopus*.
2. **Habibullah, S.N.** (2017), —On Improved Estimation of the Location Parameter of the Lognormal Distribution for More Accurate Modeling, Proceedings of the **12th International Conference On Structural Safety And Reliability (ICOSSAR 2017)** held on August 6-10, 2017 at TU Wien,

- Vienna, Austria.
3. **Habibullah, S.N. (2016)**, —On More Accurate Modeling of Corrosion Data of Offshore and Subsea Structures, Proceedings of the **Second International Conference on Safety and Reliability of Ships, Offshore and Subsea Structures (SAROSS 2016)**, Aug 15-17, 2016, ASRANet, Glasgow, United Kingdom.
 4. **Habibullah, S.N. and Fatima, S.S. (2015)**, —On a Newly Developed Estimator for More Accurate Modeling with an Application to Civil Engineering, Proceedings of the 12th International Conference on Applications of Statistics and Probability in Civil Engineering (ICASP12) organized by CERRA (Vancouver, BC, Canada, July 12-15, 2015). *Sponsoring Agency: Higher Education Commission, Pakistan. Listed in Scopus.*
 5. **Habibullah, S.N. and Fatima, S.S. (2014)**, —Self-Inversion-Based Modification of Crow and Siddiqui's Coefficient of Kurtosis to Achieve Gains in Efficiency, Proceedings of the Thirteenth Islamic Countries Conference on Statistical Sciences (ICCS 13) organized by Bogor Agricultural University, Bogor, Indonesia (December 18-21, 2014).
 6. **Habibullah, S.N. and Fatima, S.S. (2014)**, —SIU-Based Modification in Kelley's Measure of Skewness to Achieve Gains in Efficiency, Proceedings of the Second ISM International Statistical Conference 2014 with Applications in Sciences and Engineering (ISM II) organized by Faculty of Industrial Sciences and Technology, Universiti Malaysia Pahang, Kuantan, Malaysia on Aug 12-14, 2014; *Sponsoring Agency: Higher Education Commission, Pakistan. Listed in Scopus.*
 7. **Habibullah, S.N. and Saunders, S.C. (2013)**, —Late-Life Mortality-Rate Deceleration in Biological and Non-Biological Life: Denouement of the Mystery, Proceedings of the *11th International Conference On Structural Safety And Reliability (ICOSSAR 2013)*, New York, USA (June 16 to 20, 2013); *Sponsoring Agency: Higher Education Commission, Pakistan. Listed in Scopus.*
 8. **Habibullah, S.N. (2012)**, —A Generalization of the Standard Half-Cauchy Distribution, Proceedings of the *Twelfth Islamic Countries Conference on Statistical Sciences (ICCS-12)*, Doha, Qatar (Dec 19 to 22, 2012).
 9. **Habibullah, S.N., Memon, A.Z. and Ahmad, M. (2010)**, —On a Generalized Differential Equation for Generating SCUI Distributions, Proceedings of the *Tenth Islamic Countries Conference on Statistical Sciences (ICCS X)*, Cairo, Egypt, December 2009; *Sponsoring Agency: Higher Education Commission, Pakistan.*
- (b) **Published in Pakistan (Local Publication):**
1. **Habibullah, S. N. (2022)**, On the SIA-Estimator of the r^{th} Moment for the Class of SIA Log-Symmetric Distributions, **Invited Paper**, Proceedings of the 19th International Conference on Statistical Sciences held at the University of Agriculture, Faisalabad (UAF), (March 17-19, 2022), Vol. 36, pp. 11-20.
 2. **Farooq, N., Habibullah, S. N. and Jamil, F. (2022)**, Application of the SIA-Nakagami-Ratio Distribution to Covid-19 Data from Brazil, Proceedings of the 19th International Conference on Statistical Sciences held at the University of Agriculture, Faisalabad (UAF), (March 17-19, 2022), Vol. 36, pp. 237-246.
 3. **Farooq, N., Habibullah, S.N. and Jamil, F. (2021)**, On the SIA Nakagami-Ratio Distribution and its Properties, Proceedings of the **18th International Conference on Statistical Sciences** held at Imperial College of Business Studies, Lahore, Pakistan (February 18-20, 2021), Vol. 35, pp. 381-391.
 4. **Mushtaq, I., Habibullah, S.N. and Jamil, F. (2021)**, On Some Properties of a New Probability Model based on Linear Combination of Two Self-Inverse Densities, presented at the **18th International Conference on Statistical Sciences** held at Imperial College of Business Studies, Lahore, Pakistan (February 18-20, 2021), Vol. 35, pp. 393-408.
 5. **Habibullah, S. N. and Xavier, K. (2019)**, —Utilization of SIA Log-Symmetric Distributions for Achieving Better Fit, Proceedings of the 17th International Conference on Statistical Sciences held at the National College of Business Administration and Economics (NCBA&E), (Jan 21-23, 2019).
 6. Nadeem, S. and **Habibullah, S.N. (2018)**, “On the Life-Distribution of a Parallel System Consisting

- of Identical Components Possessing Log-Logistic Lifell, Proceedings of the 16th International Conference on Statistical Sciences, Islamia College, Peshawar, March 5-8, 2018.
7. Khan, E. and **Habibullah, S.N. (2018)**, “On the Life-Distribution of a Series Systems Consisting of Identical Components Possessing Lognormal Lifell, Proceedings of the 16th International Conference on Statistical Sciences, Islamia College, Peshawar, March 5-8, 2018.
 8. **Habibullah, S.N. (2018)**, “On the Distribution of the Median of a Sample from a Self-Inverse Probability Modell, Proceedings of the 16th International Conference on Statistical Sciences, Islamia College, Peshawar, March 5-8, 2018.
 9. Butt, A. and **Habibullah, S.N. (2016)**, —On the Derivation of the SIA-log-Student-t distribution for Achieving Better Fitll, Proceedings of the **2nd International Multi-Disciplinary Conference(IMDC 2016)**,, December 19-20, 2016, University of Lahore, Gujrat Campus, Gujrat, Pakistan.
 10. Samuel, S. and **Habibullah, S.N. (2016)**, —SIA-Lognormal Power Distributionll, Proceedings of the **2nd International Multi-Disciplinary Conference (IMDC 2016)**, December 19-20, 2016, University of Lahore, Gujrat Campus, Gujrat, Pakistan.
 11. Shagufta and **Habibullah, S.N. (2016)**, —On the Development of the SIA-Log-Laplace Distribution and its Power Transformationll, Proceedings of the **2nd International Multi-Disciplinary Conference (IMDC 2016)**, December 19-20, 2016, University of Lahore, Gujrat Campus, Gujrat, Pakistan.
 12. Xavier, K. and **Habibullah, S.N. (2016)**, —On A Decile-Based SIA-Estimator of the Shape Parameter of the Log-Logistic Distributionll, Proceedings of the **14th International Conference on Statistical Sciences**, March 14-16, 2016, Jinnah Sindh Medical University, Karachi, Pakistan.
 13. Ali, A. and **Habibullah, S.N. (2016)**, —On A Decile-Based SIA-Estimator of the Scale Parameter of the Log-Cauchy Distributionll, Proceedings of the **14th International Conference on Statistical Sciences**, March 14-16, 2016, Jinnah Sindh Medical University, Karachi, Pakistan.
 14. **Habibullah, S.N. (2015)**, -On a Newly Developed Methodology For More Accurate Modelingll, Invited Paper, Proceedings of the First International Multi-Disciplinary Conference (IMDC 2015), (Nov 23-24, 2015, University of Lahore Gujrat Campus, Gujrat, Pakistan).
 15. Xavier, K. & **Habibullah, S.N. (2015)**, —On an SIA-Based Estimator of the Shape Parameter of the Log-Logistic Distributionll, Proceedings of the First International Multi-Disciplinary Conference (IMDC 2015), (Nov 23-24, 2015, University of Lahore Gujrat Campus, Gujrat, Pakistan).
 16. Ali, A. & **Habibullah, S.N. (2015)**, —On a New Estimator of the Scale Parameter of the Log-Cauchy Distribution to Achieve Better Fit”, **Proceedings of the First International Multi-Disciplinary Conference (IMDC 2015)**, (Nov. 23-24, 2015, University of Lahore Gujrat Campus, Gujrat, Pakistan).
 17. **Habibullah, S.N.** and Fatima, S.S. (2014), —On Modification of Estimator of the Percentile Coefficient of Kurtosis in the Case of Distributions Self-Inverse at Unityll, Proceedings of the **12th International Conference on Statistical Sciences: Application of Statistics in Policy Development and Monitoring of Health, Finance, Education, Information Technology and Economics** held at Dow University of Health Sciences, Karachi, Pakistan, March 24-26, 2014.
 18. Fatima, S.S. and **Habibullah, S.N. (2013)**, —On Modifications of L-Estimators of Dispersion in the Case of Self-Inverse Distributionsll, Proceedings of 11th International Conference on Statistical Sciences: Social Accountability, Global Economics and Human Resource Development with Special Reference to Pakistan (Indus International Institute (NCBA&E Sub-Campus), Dera Ghazi Khan, Pakistan, October 21-23, 2013).
 19. Fatima, S.S. and **Habibullah, S.N. (2013)**, —Self-Inversion-Based Modifications of L-Estimators of Central Tendency for Probability Distributions in the Field of Reliability and Safetyll, Proceedings of the International Conference on Safety, Construction Engineering and Project Management (ICSCEPM) (Islamabad, Pakistan, August 19-21, 2013).

20. Fatima, S.S. and **Habibullah, S.N. (2013)**, —Some Simulation Results Pertaining to the Estimation of the CDF and CHF of the *Self-Inverse at Unity Half-Cauchy (SIUHC)* Distributionl, Proceedings of the International Conference on Modeling and Simulation (ICOMS), Air University, Islamabad, Pakistan, November 25-27, 2013).
21. Hassan, M., **Habibullah, S.N.** and Naqvi, I.B. (2012),—On A Self-Inverse Probability Model Involving the Macdonald Functionl Proceedings of the *Ninth International Conference On Statistical Sciences*, Lahore, Pakistan (July 5-6, 2012).
22. **Habibullah, S.N.** and **Saunders, S.C. (2011)**,—On the Role of the Multivariate Fatigue Life Distribution in Modeling Multi-Site Fatigue, Proceedings of the *Eleventh Islamic Countries Conference on Statistical Sciences (ICCS-11)*, Lahore, Pakistan (Dec 19-22, 2011).
23. **Habibullah, S.N.** and **Saunders, S.C. (2011)**,—A Role for Self-Inversionl, *Proceedings of International Conference on Advanced Modeling and Simulation (ICAMS, Nov 28-30, 2011)* published by Department of Mechanical Engineering, College of Electrical and Mechanical Engineering, National University of Science and Technology (NUST), Islamabad, Pakistan, Copyright 2011, ISBN 978-869-8535-11-7.
24. **Saunders, S.C.** and **Habibullah, S.N. (2011)**, —An Investigation of Mortality in Elizabethan England Using the BSDl, Invited Paper, Proceedings of the *Eighth International Conference on Recent Advances in Statistics “Statistics, Biostatistics and Econometrics”*, Lahore, Pakistan (Feb 8-9, 2011).
25. **Habibullah, S.N. (2010)**,—Utilization of Generalized Differential Equation for the Derivation of a New SCUI Densityl, Proceedings of the *7th International Conference on World Statistics Day, 2010 “Statistics for Society”* jointly organized by the Islamic Countries Society of Statistical Sciences (ISOSS) and Superior University, Lahore, Pakistan (Oct 21-22, 2010).
26. **Habibullah, S.N., Memon, A.Z.** and **Ahmad, M. (2008)**, —Generating A Family of SCUI Distributionsl, Proceedings of *Fourth International Conference on Statistical Sciences*, University of Gujrat, Gujrat, Pakistan (May 2008).

B. Conference Papers in the Area of Statistical Education:

(a) Published Abroad (Foreign Publication):

1. **Habibullah, S.N. (2019)**,—**Extension of a 2018 Sample-based Study on the Level of Awareness Regarding Big Data in the Statistics Community of Pakistan**”, Proceedings of the **IASE Satellite 2019 Conference** held in Kuala Lumpur, Malaysia (August 13 to 16, 2019) (under process).
2. **Habibullah, S.N. (2018)**,—**A Sample Survey on the Current Level of Awareness Regarding Big Data Among Academics and Practitioners and Statistics in Pakistan**”, Upload on the website of the **BigSurv 2018 International Conference** held in **Barcelona, Spain** (October 25-27, 2018).
3. **Habibullah, S.N. (2018)**, -**A Workshop in Pakistan on Teaching Statistical Inference Through a Freely Available Online Software**l, Proceedings of the **10th International Conference On Teaching Statistics (ICOTS 10)** held in **Kyoto, Japan** (July 8-13, 2018).
4. **Habibullah, S.N. (2017)**,—Teaching Statistics at the Civil Service Academy of Pakistan: An Innovative Endeavourl, Proceedings of the **IASE 2017 Satellite Conference** (Rabat, Morocco, July 11 to 14, 2017 (immediately before the **61th World Statistics Congress**, Marrakech, Morocco)).
5. **Habibullah, S.N.(2014)**,—On the Commencement of a Culture of —Statistics Acceptancel in a Higher Education Institution Relatively New at Researchl, **INVITED PAPER**, Proceedings of the **Ninth International Conference on Teaching Statistics (ICOTS 9)**, (Flagstaff, Arizona, USA, July 13-18, 2014).
6. **Habibullah, S.N.(2010)**,—Teaching Statistics to a Heterogeneous Group: A Goal-Oriented Approachl (Proceedings of the **Eighth International Conference on Teaching Statistics (ICOTS 8)**),(Ljubljana, Slovenia, July 11-16, 2010); *Sponsoring Agency: Higher Education Commission, Pakistan.*
7. **Habibullah, S.N. (2006)**, —The First Internship Program Organized by the Statistics Division in the History of Pakistanl, **INVITED PAPER**, Proceedings of the **Seventh International Conference**

- On Teaching Statistics (ICOTS 7)**, (Salvador, Bahia, Brazil, July 2006).
8. **Habibullah, S.N.** (2003), -Creative Education: A Way of Life, **INVITED PAPER**, Proceedings of the **54th Session of the International Statistical Institute (ISI)**, Berlin, Germany (August 2003).
 9. **Habibullah, S.N.** (2002), -Data Analysis Talent Award: A Giant Leap, **INVITED PAPER**, Proceedings of the **Sixth International Conference On Teaching Statistics (ICOTS 6)**, Cape Town, South Africa (July 2002).
 10. **Habibullah, S.N.** (2001), -KISC and CODAK: An Indirect Yet Effective Way of Enhancing Statistical Thinking in the General Community of Students and Teachers, Proceedings of the **IASE Satellite Conference**, Seoul, S. Korea (August 2001).
 11. **Habibullah, S.N.** (2001), -1985-2000: Fifteen Years of Creativity and Innovation in Statistical Education, Proceedings of the **53rd Session of the International Statistical Institute (ISI)**, Seoul, S. Korea (August 2001).
 12. **Habibullah, S.N.** (2000), -Conduct and Presentation of a Sample Survey: An Effective Way of Increasing the Popularity of a 'Dry' Subject, Proceedings of **9th International Congress of Mathematics Education (ICME 9)**, Tokyo, Japan (July 2000).
 13. **Habibullah, S.N.** (1999), "Data Analysis Talent Award: An Important Step Forward", Proceedings of the **52nd Session of the International Statistical Institute (ISI)**, Helsinki, Finland (August, 1999).
 14. **Habibullah, S.N.** (1997), -Conduct of Sample-Surveys by Teams of Teachers and Students --- Making Theory Come Alive, paper presented at the **51st Session of the International Statistical Institute (ISI)**, Istanbul, Turkey (18-26 August 1997).
 15. **Habibullah, S.N.** (1996), -Promoting Creativity in an Environment Afflicted with Teacher Apathy - -- A Formidable Challenge, Proceedings of the **International Conference on Problems of Statistical Education**, St. Petersburg, Russia (1996).
 16. **Habibullah, S.N.** (1995), —Statistics Teachers' Educational Program — A Refresher Course with a Difference, Proceedings of the **50th Session of the International Statistical Institute (ISI)**, Beijing, China (August 1995).
 17. **Habibullah, S.N.** (1992), —Efforts to Promote Project-Based Teaching of Introductory Statistics in the City of Lahore, Proceedings of the **Seventh International Congress of Mathematics Education (ICME 7)**, Quebec City, Canada (1992).
 18. **Habibullah, S.N.** (1992), —Statistical Education in Developing Countries — The Pakistani Scene, Proceedings of the **ISI Round Table Conference**, Quebec, Canada (August 1992).
 19. **Habibullah, S.N.** (1990), —An Experiment in Motivational Techniques to Supplement Format Education of Statistics at the Higher Secondary/Intermediate Level, Proceedings of the **Third International Conference on Teaching Statistics (ICOTS 3)**, Dunedin, New Zealand (August, 1990).

(a) Published in Pakistan (Local Publication):

1. **Habibullah, S.N.** (2016),—The Role of Higher Education Institutions in Spreading Awareness Regarding the Socio-Economic Situation of Pakistan, **INVITED PAPER**, Proceedings of the **2nd International Multi-Disciplinary Conference (IMDC 2016)**, December 19-20, 2016, University of Lahore, Gujrat Campus, Gujrat, Pakistan.
2. **Habibullah, S.N.** (2007),—Statistical Consultancy Training Program: The First of its Kind in the History of Pakistan, Proceedings of the **Third National Conference on Statistical Sciences**, FAST, NU, Lahore, Pakistan (May 28-29, 2007).
3. **Habibullah, S. N.** (1995), -PRISE --- An Incentive for Creativity, Proceedings of the **National Seminar on Statistics** organized by the University of Peshawar, Baragali, Pakistan (August 1995).
4. **Habibullah, S.N.** (1994), —Kinnaird Inter-collegiate Statistical Competition: An Endeavour to Improve the Quality of Statistical Education at the Undergraduate Level in Pakistan, Proceedings

of the **Fifth Statistics Seminar** of the University of Karachi, Karachi, Pakistan (February 1994).

C. Conference Papers on Miscellaneous Topics:

(a) Published Abroad (Foreign Publication):

1. **Habibullah, S.N. and Anjum, F.** (1996), —Probing the Life of the Middle-Aged Working Mother in the Richer and Better-Educated Class of the City of Lahore, Proceedings of the **Eighth International Conference on Gender and Science and Technology (GASAT 8)**, Ahmadabad, India (January 1996).
2. **Habibullah, S.N.** (1991), —A Survey on Parent-Daughter Relationship in Pakistan, Proceedings of the **Sixth International Conference on Gender and Science and Technology (GASAT 6)**, Melbourne, Australia (July 1991).

3.

(b) Published in Pakistan (Local Publication):

1. **Habibullah, S.N., Alam, N., Jamil, F., Sheikh, A., Manzoor, I. Subhani, L. and Gulab, R.** (2021), A Study on the Prevalence of Cough in the Punjab Province of Pakistan, Proceedings of the **18th International Conference on Statistical Sciences** held at Imperial College of Business Studies, Lahore, Pakistan (February 18-20, 2021), Vol. 35, pp. 371-380.
2. **Habibullah, S. N., Anjum, F., Butt, K.N., Dar, Z. Qurat-ul-ain, I. and Rehan, R.** (2019), —Quality of Life of Home-Based Workers in the Punjab: Genderwise Comparison, Proceedings of the **17th International Conference on Statistical Sciences** held at the National College of Business Administration and Economics (NCBA&E), Jan 21-23, 2019.
3. **Azhar, H. and Habibullah, S.N.** (2008), —A Study of Residents of An Orphanage Home, Proceedings of the **Fourth International Conference on Statistical Sciences**, University of Gujrat, Gujrat, Pakistan (May 2008).

6. ABSTRACT OF POSTER PUBLISHED IN PROCEEDINGS OF SCIENTIFIC MEETING/CONFERENCE:

Published Abroad (Foreign Publication):

Habibullah, S.N. (1993),—Reaching Out to Institutions Beyond Lahore, Abstract of Poster Published in the Book of Abstracts of the **First Scientific Meeting of the International Association on Statistical Education / International Conference on Statistical Education**, Perugia, Italy (1993).

7. INTERNATIONAL ONLINE PUBLICATIONS:

Published Abroad (Foreign Publication):

1. **Habibullah, S.N., Folorunso, S., Kolczynska, M. and Paul, V.** (2018). —Biking in the Hills of Barcelona, Final Presentation at the **Green City Hackathon** organized under the auspices of the **BigSurv 2018 International Conference** (Barcelona, Spain, (October 24-25, 2018)) in collaboration with the Open Data BCN (Online Publication).
2. **Beil, H., BeLue, R., and Habibullah, S.N.** (2007). —A System Dynamics Model of Smoking Prevalence in Pakistan, Final Paper at **Complex Systems Summer School, Santa Fe Institute**, 2007, Santa Fe, New Mexico, USA (Online Publication).
3. **Poynton, M.R., Shah, V.M., BeLue, R., Mazzotta, B., Beil, H. and Habibullah, S.N.** (2007).—Computer Terminal Placement and Workflow in an Emergency Department: An Agent-Based Model, Final Paper at **Complex Systems Summer School, Santa Fe Institute**, 2007, Santa Fe, New Mexico, USA (Online Publication).

XLVI. PAPERS THAT HAVE BEEN PRESENTED IN CONFERENCES:

31. **Habibullah, S.N.** (2022), Launch of the ISLP Poster Competition in Pakistan: Experiences and Insights, presented at 11th International Conference on Teaching Statistics (ICOTS11), (September 11-16, 2022).

3. **Habibullah, S.N., Alam, N. and Jamil, F. (2022)**, A Study on the Prevalence of Functional Limitation in the Population of Pakistan, presented at Kinnaird's 3rd International Conference on Social Sciences and Humanities (May 17-19, 2022).
4. **Habibullah, S.N., Alam, N., Jamil, F., Subhani, L., Manzoor, I., Idrees, A. and Gill, R. (2022)**, Study of the Punjab Encompassing Fifteen Years with Reference to Fourth Sustainable Development Goal: Quality Education, *presented at 2nd International Conference on Statistical Sciences* held at Government College University (GCU), Lahore, (March 09-10, 2022).
5. **Habibullah, S.N. (2022)**, A paper presented at the Around The World Conference (December 07, 2021).
6. **Habibullah, S.N. (2021)**, Promoting an Interest in Data Science through a Series of Online Workshops, presented at the **IASE 2021 Satellite Conference: Statistics Education in the Era of Data Science** (Virtual Conference, August 30 – September 04, 2021).
7. **Habibullah, S.N. (2021)**, Implementation of a Course on Tidyverse in Pakistan under the ASA Educational Ambassador Program, presented at the **ICME-14 Conference: Teaching and Learning Statistics** (Virtual Conference, July 11-18, 2021).
8. **Habibullah, S.N. (2020)**, —Enabling Statistics Undergrads of Developing Countries to take their First Steps toward Data Science through Mobile Applications| presented at the **IASE 2020 Roundtable Conference: New Skills in the Changing World of Statistics Education** (Virtual Conference, July 6-12, 2020).
9. **Habibullah, S.N. (2019)**, —Establishment of an International Consortium of Statisticians for the Achievement of Sustainable Development Goals| KEYNOTE ADDRESS presented at the **11th International Statistics Congress (ISC2019), Bodrum, Turkey**, 4-8 October 2019.
10. **Habibullah, S.N., Anjum, F., Butt, K.N., Dar, Z. and Qurat-ul-ain, I. (2019)**, —Quality of Life of Home-Based Workers in The Punjab: Urban/Rural Comparison| presented at Kinnaird's 1st International Conference on Science, Technology and Innovation (2nd-4th April, 2019).
11. **Habibullah, S.N. and Xavier, K. (2019)**, “On the Closure Property of SIA Log-Symmetric Random Variables Under The Reciprocal Transformation| presented at **Kinnaird's 1st International Conference on Science, Technology and Innovation** (2nd-4th April, 2019)
12. **Rasool, M. G. and Habibullah, S. N. (2019)**, —On the Development of the SIA Weibull-Ratio Distribution and its Utilization to Demonstrate the Usefulness of the Mean-Mean| presented at the **17th International Conference on Statistical Sciences** held at the National College of Business Administration and Economics (NCBA&E), Jan 21-23, 2019.
13. **Bokhari, S. Z. and Habibullah, S. N. (2019)**, —On the SIA Inverse-Gamma-Ratio Distribution and its Application to Real Data Demonstrating the Advantageousness of the Mean-Mean in Obtaining a Better-Fitting Model| presented at the **17th International Conference on Statistical Sciences** held at the National College of Business Administration and Economics (NCBA&E), Lahore (Jan 21-23, 2019).
14. **Habibullah, S.N. and Jamil, F. (2014)**, —On the Variance of an Estimator of the Parameter of the SIU-Nakagami-Ratio Distribution|, presented at Conference on Recent Advances in Mathematical Methods, Models & Applications (RAMMMA) organized by the Centre for Mathematics & Statistical Sciences, Lahore School of Economics, Lahore, Pakistan on April 19th – 20th , 2014.
15. **Jamil, F. and Habibullah, S.N. (2013)**, —On a Self-Inverse Probability Model Based on the Nakagami Distribution|, at **Kinnaird Multidisciplinary Research Conference (KMRC 2013)** held at Kinnaird College for Women, Lahore, Pakistan, (November 2013).
16. **Habibullah, S. N. (2001)**, Paper on a Comparative Study of the Academic Performance of Male and Female High School Students presented at the **World Wide Wisdom - 10th International Conference on Gender and Science and Technology (GASAT 10)** held in Copenhagen, Denmark (July 2001).