

	<u>CURRICULUM VITAE</u>	
	Name	Prof. Dr. Saleha Naghmi Habibullah
	Designation	Professor of Statistics
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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:

Name of Institution	Year	Degree / Certificate
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. NATIONAL & INTERNATIONAL AWARDS, PRIZES, HONORS & POSITIONS:

1. **Lifetime Achievement Award** awarded during the **88th Convocation of Kinnaird College for Women**, Lahore held on 6th February 2025. For the first time in the history of the College, this prestigious award has been instituted by the Principal, and awarded to Prof. Dr. Saleha Naghmi Habibullah on account of her **dedicated service** and **exceptional significant contributions** for **more than 45 years**.
2. **Societal Impact Award** awarded by the **Caucus of Women in Statistics and Data Science (CWS)** at the **Joint Statistical Meetings (JSM Conference)** of the **American Statistical Association** held in **Toronto, Canada** on August 5-10, 2023. (Nomination made by **Prof. Enriqueta D. Reston**, Full Professor, School of Education, University of San Carlos, Cebu City, The Philippines, and supported by **Prof. Walter Radermacher** from Germany and **Dr. David Stern** from the United Kingdom. The award was established in 2021 by the **Caucus for Women in Statistics (CWS)** to recognize the impact that statisticians make to society at large. The award is given annually to a statistician who has actively worked to advance social justice, or diversity, equity and inclusion through their research, teaching or service.)
3. **Achievement Award** awarded by Lahore Chamber of Commerce and Industry (LCCI) in recognition of **Best Performance in PISTAR Activities** as Honorary Executive Director and Team Leader of PISTAR (21st February 2023).
4. **Alumni Achievement Award** (Shield for lifetime achievement by alumnae of LCWU), awarded during the 18th Convocation of Lahore College for Women University (LCWU) Lahore (7th December 2022).
5. **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.)
6. **Best University Teacher Award** (for the year 2009) by the **Higher Education Commission (HEC)**, Pakistan (December 2010)
7. **10th Star Award** for outstanding performance in the field of **Education** by **South Asia Publications**, Karachi, Pakistan (April 2000).
8. **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**.
9. **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**.
10. **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).

IV. POSITIONS IN PROFESSIONAL ORGANIZATIONS:

1. **Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR)**, July 19, 2021 to present.
2. **Deputy Director, International Statistical Literacy Project (ISLP)**, (Honorary position): April 15, 2023 to present; **International Honor**.
3. **Member of the Advisory Board on Ethics (ABE)** of the **International Statistical Institute (ISI)**, January 01, 2022 to present; **International Honor**.
4. **ASA Educational Ambassador for Pakistan** (selected by the **American Statistical Association**) with effect from February 2018, **International Honor**.
5. **Elected Member, Life Member, International Statistical Institute (ISI)**.
6. **Life Member, International Association for Statistical Education (IASE)**.
7. **Life Member, International Association of Survey Statisticians (IASS)**.
8. **Country Representative, ISI Committee on Women in Statistics (CWinS)** (with effect from November 1, 2018).
9. **Country Representative, Caucus for Women in Statistics (CWS)** (from July 31, 2018 till early 2024).
10. **Country Coordinator, International Statistical Literacy Project (ISLP)** until April 14, 2023.

11. **Vice President, International Association for Statistical Education (IASE)** (Vice President for the year 2018-19 (with effect from July 20, 2018).
12. **Member, Advisory Board, International Statistical Literacy Project (ISLP)**, (June 28, 2022 to April 14, 2023); **International Honor**.
13. Member, **International Association of Gender And Science And Technology (GASAT)**, (1991-2001).
14. **Honorary Director, Pak Institute of Statistical Training And Research (PISTAR)** by President PISTAR (December 24, 2019 to July 18, 2021).

V. ADDITIONAL HONORS:

1. Nominated for the **Pakistan Civil Award *Tamgha-e-Imtiaz*** by Prof. Dr. Iram Anjum, Principal, Kinnaird College For Women, Lahore, Pakistan (Jan 30, 2025).
2. Invited to give an **Interview** to the **Global Network of Institutions for Statistical Training (GIST)** with reference to the first-ever International Day of Statistical Literacy; interview **published** in the summer 2024 issue of **GIST Newsletter** (August 2024).
3. Acted as **Chair and Chief Organizer** of the **first-ever International Day of Statistical Literacy** (a 10-hour-long online conference (including a Pre-Conference Workshop)) in my capacity as Deputy Director of the International Statistical Literacy Project (ISLP); held on May 21, 2024.
4. Participated in a **Seminar** organized by the Department of Botany at Kinnaird College For Women, Lahore as **Invited Speaker** (February 23, 2023).
5. Nominated for the **Societal Impact Award** established in 2021 by the **Caucus for Women in Statistics (CWS)** to recognize the impact that statisticians make to society at large. The award is to be given annually to a statistician who has actively worked to advance social justice, or diversity, equity and inclusion through their research, teaching or service. (Nomination made by **Prof. Enriqueta D. Reston**, Full Professor, School of Education, University of San Carlos, Cebu City, The Philippines, and supported by **Professor Emeritus Dr. Mira Phailbus** and **Prof. Joachim Engel** in February 2021.) The Award went to **Dr. Melody Goodman**, Associate Dean for Research and Associate Professor of Biostatistics in the School of Global Public Health at New York University, USA.
6. Participated in the **11th International Statistics Conference** in **Bodrum, Turkey** (October 4-8, 2019) as **Keynote Speaker; International Honor**.
7. 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.
8. 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.
9. Was awarded **Shield for Long & Dedicated Service (More Than Twenty Years)** at the occasion of the **Kinnaird Centenary Special Assembly**, February 25, 2013.
10. Was appointed **Member, Provincial Users Council** by the **Chairman, P&D Board/Provincial Statistical Authority, Government of the Punjab**, Lahore: September 24, 2012.
11. 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.

12. 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 had 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 2011 in recognition of the *passion* and *dedication* with which Dr. Habibullah 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.
13. 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).
14. 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.
15. 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.
16. Was awarded the **Government Merit Scholarship** for undergraduate studies (B.Sc.) during the academic session 1974-76.

VI. PUBLICATIONS:

		Publications		
		Foreign	Local	Total
Book		1	---	1
Article in Book		1	---	1
Research Papers published in Impact Factor Journals		1	---	1
Research Papers published in other Journals		---	6	6
Papers Published in Conference Proceedings	Mathematical and Applied Statistics	9	26	35
	Statistical Education	19	4	23
	Miscellaneous	2	3	5
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		37	39	76*

****Number of publications: Seventy-six; details toward the end of CV.***

VII. RESEARCH SUPERVISION OF MPHIL & BS STUDENTS:

1. **Esha Habib, Jaria Zainab & Zoha Sheikh**, Students of BS Statistics Batch of 2021-25 at Kinnaird College, co-supervised by Dr. Kalsoom Akhtar. BS Thesis Title: *Impact of Western Indian Ocean Sea Surface Temperature on Precipitation in Eastern Africa* (Research Report near completion.)
2. **Ayesha Akif & Tehreem Fatima**, Students of BS Statistics Batch of 2020-24 at Kinnaird College, co-supervised by Ms. Shaista Shumaila. BS Thesis Title: *Investigating the Impacts of Climate Change on Rainfall Patterns and Flood Occurrence in some selected regions of Sindh and Balochistan*. (Research Report defended successfully.)

3. **Areeba 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 defended successfully.)
4. **Sidra Suhaib**, 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 defended successfully.)
5. **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)).
6. **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)).
7. **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).
8. **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).
9. **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).
10. **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)).
11. **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)).
12. **Ayesha Butt**, Student of MPhil Statistics Batch of 2015-17 at Kinnaird College, Thesis Title: *On the Development of the SIA-Log Student-t Distribution* (thesis successfully defended in Nov. 2017).
13. **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).
14. **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)).
15. **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)).
16. **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)).
17. **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)).
18. **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)).
19. **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).
20. **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 Naqqi)).

VIII. COURSE DEVELOPMENT FOR THE VIRTUAL UNIVERSITY OF PAKISTAN:

1. Designing and developing a course on **Statistical Computing in R** 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 to be video-recorded in 2023 for the students of the BS Statistics Program (to be televised on VTV channels spanning approximately 60 countries of the **Middle- East, South-East Asia** and neighboring regions).

2. 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**. A large number of modules of this full-semester course video-recorded in 2018 for the students of the MSc Statistics Program and televised on VTV channels spanning approximately 59 countries of the **Middle-East, South-East Asia** and neighboring regions.
3. 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 a fairly large number of countries of the **Middle-East, South-East Asia** and neighboring regions.

IX. LAUNCH OF ISLP SERIES OF ANNUAL CONFERENCES BY THE NAME OF INTERNATIONAL DAY OF STATISTICAL LITERACY:

in my capacity as **Deputy Director** of the **International Statistical Literacy Project (ISLP)**; I and my Team initiated a **series of international conferences** by the name of **International Day of Statistical Literacy**:

- **2nd International Day of Statistical Literacy (IDSL 2025)** organized in online mode on Tuesday, 25th November 2025.
- **1st International Day of Statistical Literacy (IDSL 2024)** organized in online mode on Tuesday, 21st May 2024.

X. LAUNCH OF PISTAR SERIES OF ANNUAL CONFERENCES:

In my capacity as **Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team initiated a **series of international conferences** by the name of **PISTAR Global Statistics Conference**:

- **3rd PISTAR Global Statistics Conference 2025 (3rd PISTAR GSC 2025)** organized in hybrid mode on February 22-23, 2025, Saturday & Sunday.
- **2nd PISTAR Global Statistics Conference 2024 (2nd PISTAR GSC 2024)** organized in hybrid mode on June 1-2, 2024, Saturday & Sunday.
- **1st PISTAR Global Statistics Conference 2023 (1st PISTAR GSC 2023)** organized in online mode on Sunday, 22nd January 2023.
- **Day-Long Virtual Conference on Latest Developments in the Theory and Practice of Sample Surveys and Censuses** sponsored by **International Association of Survey Statisticians** organized in online mode on Saturday, 12th March 2022.

XI. LAUNCH OF PISTAR INTERNATIONAL TRAINING PROGRAM:

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 organized so far is as follows:

- **Workshop** entitled “**Mapping the Future: Mastering Spatial Data Analysis with QGIS & Google Earth Engine**” by **Khurram Ahmed Khan** (from **Pakistan**) held on May 24, 2025.
- **Pre-Conference Workshop** entitled “**Utilization of Generative AI in Teaching & Research**” by **Ayesha Sultan** and **Javed Iqbal** (from **Pakistan**) organized on Feb. 21, 2025.
- **Online Pre-Conference Workshop** entitled “**Big Surveys and their Analysis in an AI World**” by **Prof. Roger Stern** and **Dr. David Stern** (from **UK**) organized on May 21, 2024.
- **Online Workshop** entitled “**Design and Analysis of Cancer Clinical Trials**” by **Prof. Motomi Mori** (from **USA**) on May 28, 2023.
- **Online Pre-Conference Workshop** entitled **Analyzing Questionnaire Data using R** by Dr. Alia Sajjad (from **Canada**) organized on January 21, 2023.
- **Online Pre-Conference Workshop** entitled **Time Series Forecasting in R** by Dr. Haris Khurram organized on January 21, 2023.

- Online **Pre-Conference Workshop** entitled **Data Visualization with Excel** by Mr. Muhammad Jawad Mirza (from **Pakistan**) organized on January 21, 2023.
- **One-Day Online Workshop on Utilization of Remote Sensing in Sample Surveys and Censuses** sponsored by **International Association of Survey Statisticians** (March 13, 2022).
- Three online workshops on **Data Mining** by **Pedro Campos** (from **Portugal**) from January to February, 2022.
- One online workshop on **Risk Literacy** by **Manfred Borovcnik** (from **Austria**) organized on December 5, 2021.
- Three online workshops on **Tinkerplots**, **Fathom** and **CODAP** by **Daniel Frischemeier** (from **Germany**) organized from September to November 2021,
- Five online workshops on “**Data Science Ideas for Aspiring Statistical Consultants**” by **Prof. Roger Stern** and **Dr. David Stern** (from **UK**) organized from May to August 2021,
- One online workshop on **Excel** by Muhammad Jawad Mirza (Pakistan) successfully organized on April 10, 2021,
- Four online workshops on **Machine Learning** by Reza Arabi Belaghi and Alireza Safariyan (from **Iran**) were organized on once-a-month basis from November 15, 2020 to February 7, 2021,
- Five online workshops on **Tidyverse for Data Science** by **Saleha Naghmi Habibullah**, **Sharqa Hashmi** and **Zulaikha Mashkooor** (from **Pakistan**) were successfully organized and conducted on once-a-month basis from June 27, 2020 to Oct 3, 2020,

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.

XII. WORKSHOPS/TALKS DELIVERED (2024 to present):

1. Rendered a **Talk** on the **International Statistical Literacy Project** (making the audience aware of this important international project and motivating them to participate in its various activities) at **DataFest 2025** organized by the **Pakistan Bureau of Statistics** at Pak China Friendship Centre, Islamabad (November 11-12, 2025).
2. Designed and conducted a **Workshop on Conflict Resolution and Management** in collaboration with Prof. Nasreen Pasha under the **Women Empowerment and Mentorship Program** held at Kinnaird College For Women, Lahore (April 7, 2025).
3. Conducted a **Workshop on Data Visualization using Tidyverse** in collaboration with Dr. Naila Alam at **DataFest 2024** organized by the **Pakistan Bureau of Statistics** at Pak China Friendship Centre, Islamabad (October 21-22, 2024).

XIII. COURSES / TRAININGS / WORKSHOPS / SEMINARS/ WEBINARS / CONFERENCES ATTENDED (2020 to present):

1. Attended **Workshop** on “**Data-Wrangling: The Foundation of Data-Driven Decision-Making**” conducted by **Prof. Dr. Muhammad Aslam** at the **Pak Institute of Statistical Training and Research**, Lahore (November 15, 2025).
2. Attended and **actively participated** in the **65th World Statistics Congress** of the **International Statistical Institute** (as a **Panelist** in two panel discussion sessions, as **Chair of an ISLP Session**, and as a **participant of two administrative meetings**) held in The Hague (the Netherlands) on October 5-9, 2025.
3. Attended **Workshop** on “**Smart Academic Writing: Write, Refine & Publish**” conducted by **Dr. Haris Khurram** at the **Pak Institute of Statistical Training and Research**, Lahore (September 27, 2025).
4. Attended **Webinar** entitled “**A Blessed Statistical Journey for Learning, Teaching, Research and Professional Leadership in Asia, Australia, Europe and North America**” conducted by **Prof. Dr. Shahjahan Khan** organized by the **Pak Institute of Statistical Training and Research (PISTAR)**, Lahore (July 26, 2025).
5. Attended **Twelve-Day Workshop** on “**Global Warming: What the Data Say?**” conducted by **Prof. Don McNeil**, Emeritus Professor, Macquarie University, Sydney, Australia at **Prince of Songkla University, Pattani Campus, Pattani, Thailand** (June 16-28, 2025).

6. Attended a **Two-Day Workshop** on “**Image Analytics in Data Science**” conducted by **Prof. Dr. Tahir Mehmood** at **Forman Christian College, Lahore** (May 29-30, 2025).
7. Attended Seminar on **Climate Change** organized by the Department of Geography at Kinnaird College For Women Lahore (3rd September, 2024).
8. Attended online **Pre-Conference Workshop** entitled “**Big Surveys and their Analysis in an AI World**” by **Prof. Roger Stern and Dr. David Stern (from UK)** organized on May 21, 2024.
9. Attended Two-Day Workshop on Python organized by the Department of Mathematics at Kinnaird College For Women Lahore (June 14-15, 2023).
10. Attended Webinar entitled ‘**Economic Data Availability for Researchers**’ by **Dr. Abdul Basit (Pakistan)** on October 23, 2022
11. 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.
12. 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).
13. 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).
14. 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).
15. 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).
16. 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).
17. Participated in **Online Workshop** on “**CODAP**” by **Dr. Daniel Frischmeier (Germany)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (November 5, 2021).
18. Participated in **Online Workshop** on “**Fathom**” by **Dr. Daniel Frischmeier (Germany)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (October 5, 2021).
19. Participated in **Online Workshop** on “**Tinkerplots**” by **Dr. Daniel Frischmeier (Germany)** organized by **Pak Institute of Statistical Training and Research (PISTAR)**, (September 5, 2021).
20. 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.
21. 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.
22. Attended the **Virtual ISI World Statistics Congress 2021** held on 11-16 July 2021.
23. 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.
24. 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.
25. 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.

26. 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).
27. 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.)
28. 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).
29. 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).

XIV. 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**. A number of webinars have been successfully organized and conducted, some in hybrid mode and others in fully virtual mode. The webinars organized by PISTAR involve both **national** and **international** resource persons along with participants from various countries. An outline of the webinars is as follows:

- **Webinar** entitled “**Designing Positive First Experiences with Coding for Introductory Level Statistics and Data Science Students**” by **Dr. Anna Fergusson** (from **New Zealand**) held on **December 15, 2024**.
- **Webinar** entitled “**Promoting Statistical Literacy - International & National Experiences at Brazilian NSI**” by **Dr. Bianca Walsh** (from **Brazil**) on **February 03, 2024**.
- **Webinar** entitled “**Global Warming: What the Data Say**” by **Prof. Don McNeil** (from **Australia**) on **May 14, 2023**.
- In my capacity as **Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team have initiated a webinar series under the category of **PISTAR Series of Senior Statisticians' Memoirs**. The first webinar has been successfully organized on **February 26, 2023**, rendered by **Professor Mir Masoom Ali**, **George and Frances Ball Distinguished Professor Emeritus of Statistics and Professor Emeritus of Mathematical Sciences, Ball State University, Muncie, Indiana, USA**. The title of the Talk was “**A Fifty-Year- Long Journey as a Practicing and Academic Statistician**”. The talk covered some history of statistical development from Prof. Ali's time to the present time including some history of statistics in the subcontinent. As well, Prof. Ali shared some of his memories of Pakistan including his connections with some statisticians of Lahore as well as those associated with ISOSS.
- **Webinar** entitled “**Gender Gaps in Education, Pay and Leadership**” by **Prof. Haritini Tsangari** (from **Cyprus**) held on **November 12, 2022**.
- **Webinar** entitled “**Economic Data Availability for Researchers**” by **Dr. Abdul Basit** (from **Pakistan**) held on **October 23, 2022**.

XV. STATISTICAL CONSULTANCY PROJECTS:

1. Carried out with my students of **BSc Statistics Semester VII** a **Statistical Consulting Project** involving analysis of data pertaining to the marks obtained by children of mine laborers who study in **MLWO schools** in various districts of the Punjab (as part of the 3-credit-hour Course entitled “**Statistical Consultancy**” (Fall Semester, 2024)).
2. Carried out with my students of **BSc Statistics Semester VII** a **Statistical Consulting Project** involving analysis of data regarding the **stipends** given to children of mine laborers who study in the **MLWO schools** in various districts of the Punjab (as part of the 3-credit-hour Course entitled

- “Statistical Consultancy” (Fall Semester, 2023)).
3. Carried out with my students of BSc Statistics Semester VIII a **Statistical Consulting Project** involving analysis of data regarding the mine laborers and their families who visit the **OPD departments** of the **MLW hospitals** in various districts of the Punjab (as part of the 3-credit-hour Course entitled ‘Statistical Consultancy’ (Spring Semester, 2023)).
 4. 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)).
 5. 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)).
 6. 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)).
 7. 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 2019).
 8. 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 **Mines Labour Welfare Organization (MLWO), Mines and Minerals Department, Government of the Punjab, Lahore** (3-credit-hour Course entitled ‘Statistical Consultancy’ (Fall Semester, 2018)).
 9. 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 Academy of Pakistan (Lahore)** (Second half of the 3-credit-hour Course entitled “Statistical Consultancy” (Fall Semester 2017)).
 10. 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)).

XVI. ORGANIZATION OF ONLINE SESSIONS OF INTERNATIONAL INVITED SPEAKERS:

- In my capacity as **Honorary Executive Director, Pak Institute of Statistical Training And Research (PISTAR)**, I and my Team organized an Online Session of International Invited Speakers on **Day 3** of the **20th International Conference on Statistical Sciences (ICSS-20)** held at Imperial College of Business Studies Lahore i.e. **11th March 2023**. The Online Session contained a number of invited speakers from various countries and continents of the world.
- 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.

XVII. TALKS RENDERED AS INVITED SPEAKER AT VARIOUS INSTITUTIONS:

1. **Guest Speaker** at the **Department of Botany at Kinnaird College For Women, Lahore** to deliver an Invited Talk entitled “**Life Experiences at Kinnaird**” (Kinnaird College Video-Conferencing Room. February 23, 2023).

2. Delivered an Invited Talk as **Guest Speaker** at the **Seminar on Statistical Sciences** 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).
3. Delivered an Invited 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).
4. **Guest Speaker** at the **Department of Statistics** at **Lahore Garrison University** to deliver an **Invited Talk** entitled **"The Power of Statistics"** (February 28, 2018).
5. **Guest Speaker** by the **Department of English** at **Kinnaird College For Women, Lahore** to deliver an Invited Talk entitled **"A Guide to Developing Effective Questionnaires for Surveys"** (Kinnaird College Auditorium. November 15, 2017).
6. **Guest Speaker** at 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).
7. **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).
8. 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.
9. 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).
10. Invited as **Expert** and **GUEST SPEAKER** at the **Research Conference** (Competition) held at **Lahore School of Management (LSM), University of Lahore** (September 24, 2016).
11. 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.
12. Delivered an **Invited Talk** entitled **"Clarity of Concepts and Inspirational Teaching"** to two different groups of FA/FSc teachers of **Concordia Colleges, Punjab, Lahore** (August, 2015).
13. 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).
14. Delivered **Invited Talk** entitled **"On a Newly Developed Methodology for More Accurate Modeling"** at the **Universiti Malaya, Kuala Lumpur (Malaysia)** on Aug 11, 2014.
15. 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.
16. Delivered an **Invited Lecture** entitled **"Newly Developed Techniques for Lifetime modeling"** at the **University of Engineering and Technology (UET), Lahore** on December 23, 2013.
17. 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**.
18. Delivered Talk as a **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.
19. 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**
20. **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"**.

21. **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”.
22. **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!”
23. **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”.

XVIII. MEMBER, PANEL OF JUDGES, ISLP BEST COOPERATIVE PROJECT AWARD IN STATISTICAL LITERACY 2023:

Served as member of the panel of judges for the ISLP Best Cooperative Project Award in Statistical Literacy 2023. The award went to the project entitled —What's Going On In This Graph?!, an online, free weekly educational feature created through a collaboration of the American Statistical Association and the New York Times Learning Network.

XIX. 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).

XX. SUBJECT EXPERT FOR INTERVIEWS 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**.

XXI. PRE-CONFERENCE WORKSHOP RENDERED AT ICOTS 11:

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.

XXII. 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.

XXIII. 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.

XXIV. 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).

XXV. 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.

XXVI. 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** (Sep.10, 2020).

XXVII. 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 held on Sunday, November 29, 2020 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.

XXVIII. PISTAR CELEBRATION OF WORLD STATISTICS DAY 2020:

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.

XXIX. ACCOMPLISHMENT OF RESPONSIBILITY AS EDUCATIONAL AMBASSADOR 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.

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

(i) 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).

(ii) 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).

XXXI. 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).

XXXII. 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 present).
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.

XXXIII. 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).

XXXIV. 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).

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

1. Acted as **Internal Examiner** for the MPhil thesis of Noor Waseem, student of MPhil Statistics at Kinnaird College For Women, Lahore (June 2018).
2. Acted as **Internal Examiner** for the MPhil thesis of Nasiha Sarwar, student of MPhil Statistics at Kinnaird College For Women, Lahore (June 2018).
3. Acted as **Internal Examiner** for the MPhil thesis of Marium Zahid, student of MPhil Statistics at Kinnaird College For Women, Lahore (November 2017).
4. Acted as **Internal Examiner** for the MPhil thesis of Jaweria Sharif, student of MPhil Statistics at Kinnaird College For Women, Lahore (November 2017).
5. Acted as **Internal Examiner** for the MPhil thesis of Khadija Abbas, student of MPhil Statistics at Kinnaird College For Women, Lahore (February 2015).

6. Acted as **Internal Examiner** for the MPhil thesis of Fatima Zahid, student of MPhil Statistics at Kinnaird College For Women, Lahore (June 12, 2014).
7. Acted as **External Examiner** for the **PhD Defense** of Mr. Anwar Hasnain (student of PhD, Applied Statistics, at NCBA&E, Lahore), November 21, 2013.

XXXVI. 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 **BusinessMathematics 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).

XXXVII. 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.

XXXVIII. ORGANIZATION OF SIGNIFICANT EVENTS AT KINNAIRD COLLEGE:

1. **Chief Organizer & 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.

XXXIX. 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 suggestions.

XL. 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).

XLI. 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.

XLII. COURSES / TRAININGS / WORKSHOPS / SEMINARS / WEBINARS / CONFERENCES ATTENDED (1979 to 2019):

1. 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 Sep. 1, 2019).
2. Participated in the **62nd World Statistics Congress (WSC 2019)** organized by the **International Statistical Institute (ISI)** (Kuala Lumpur, Malaysia, August 18 to 23, 2019).
3. 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).
4. Attended the **IASE Satellite 2019 Short Course** by Prof. Gail Burrill (Kuala Lumpur, Malaysia, August 13, 2019)
5. Attended the **IASE Satellite 2019 Short Course** entitled “**R language**” by Dr. (Kuala Lumpur, Malaysia, August 13, 2019, 9 am to 12 noon).
6. 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)).
7. 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)).
8. Attended the **2018 Joint Statistical Meetings (JSM) of the American Statistical Association (ASA)** held in **Vancouver, Canada** (July 28 to Aug 2, 2018).
9. 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).
10. 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).

11. 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).
12. 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).
13. Attended the **61st World Statistics Congress** of the **International Statistical Institute (61st ISI WSC)** held in **Marrakech, Morocco** (July 16 to 21, 2017).
14. 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).
15. Attended the **Workshop: “How to Publish Your Research”** by Dr. Sikander Hayat at Forman Christian College University, Lahore, Pakistan (July 22, 2013).
16. Attended the **Workshop: “Structure of a Research Paper”** by Dr. Waseem Anwar at Forman Christian College University, Lahore, Pakistan (July 17, 2013).
17. 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).
18. Attended **Workshop** organized by the State Bank of Pakistan and held at National Institute of Banking and Finance (NIBAF), Islamabad, Pakistan (May 11, 2012).
19. 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).
20. 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).
21. Attended the Post-Conference **Workshop on How to do Good Research** rendered by **Dr. Shah Jahan Khan**, NCBA&E, Lahore, Pakistan (December 2011).
22. Attended the **Workshop: Leadership Masterclasses** jointly organized by the **British Council** and **HEC** and held at Government College University, Lahore, Pakistan (February 2011).
23. 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).
24. Attended the One Day Seminar on **“Development of Statistics in Pakistan”** at Lahore College for Women University, Lahore, Pakistan (October 19, 2010).
25. 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).
26. Attended the **Complex Systems Summer School** organized by the **Santa Fe Institute** (Santa Fe, New Mexico, USA, June 2007)
27. Attended the **World Conference on 21st Century Mathematics 2004** held at the School 1 of Mathematical Sciences, GC University, Lahore, Pakistan (March 18-20, 2004).
28. 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).
29. Attended the **Statistics Conference** at Government College University, Lahore, Pakistan (October 2003).
30. Completed the **Short Course “Designing the Optimal Questionnaire”** 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).
31. Participated in the **IASE Conference on Statistics Education and the Internet** (Berlin, Germany, August 11-12, 2003).

32. 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).
33. 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).
34. 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).
35. 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).
36. Attended an **In-service Training Course on Statistics** organized by the National Academy of Higher Education, Islamabad, held at University Grants Commission, Lahore, Pakistan (May 1992).
37. Participated in the **One-Day All-Pakistan Convention of Statisticians** organized by the Islamic Society of Statistical Sciences, Lahore, Pakistan (September 1991).
38. Participated in a **Workshop on Adult and Continuing Education ("Effective Teaching in Higher Education")** organized by the **British Council**, Lahore, Pakistan (September, 1990).
39. Attended the **Pre-1991 Population and Housing Censuses Workshop** organized by the Islamic Society of Statistical Sciences, Lahore, Pakistan (July 1990).
40. Attended a **Course on Communication Skills** organized by the Pakistan Women's Institute, Lahore, Pakistan (November 1989).
41. Participated in the **First Islamic Countries Conference on Statistical Sciences (ICCS-I)** held in Lahore, Pakistan (August 1988).
42. Participated in the **"National Training Workshop on Statistics and Indicators on Women and Development"** organized by the Women's Division, Islamabad, Pakistan (November 1986).
43. Attended a course entitled **"Introduction to Research Methods"** organized by the Pakistan Women's Institute, Lahore, Pakistan (December, 1985).
44. Participated in the **"In-service College Teachers Training Programme (in Statistics)"** held at Government College, Lahore, Pakistan (July 1985).
45. 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.

XLIII. 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).

XLIV. SERIES OF LECTURES RENDERED AT VARIOUS INSTITUTIONS PRIOR TO THE LAUNCH OF THE FOUR-YEAR BACHELORS PROGRAM AT KINNAIRD COLLEGE:

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).

XLV. INITIATIVES FOR THE ENHANCEMENT OF STATISTICAL EDUCATION PRIOR TO THE LAUNCH OF THE FOUR-YEAR BACHELORS 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)

XLVI. MISCELLANEOUS CONTRIBUTIONS PRIOR TO THE LAUNCH OF THE 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).

XLVII. SMALL-SCALE STATISTICAL SURVEYS/RESEARCH-WORK PRIOR TO THE LAUNCH OF/DURING THE FIRST SEMESTER OF THE FOUR-YEAR BACHELORS 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. **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).
4. **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).
5. **Survey on the Educational Experience of Undergraduate Students** (1991-93, 1995).
6. **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).
7. **Survey on the Views of Students regarding the Teaching Methodology prevalent at Kinnaird College** (1986-87).
8. **Opinion Survey about JIU – JITSU** (1986).
9. **Survey on the Future Plans of Kinnaird Students regarding education, career and marriage after their BA/B.Sc.** (1985-86).
10. **Opinion Survey about Pakistan Studies** (1985)

XLVIII. 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 IMPACT FACTOR JOURNALS:

Published Abroad (Foreign Publication):

Mirza, M.J., Hashmi, S., Mwakudisa, M.T., Safariyan, A., **Habibullah, S.N.** & Noor-ul-Amin M. (2024): Performance evaluation of extended EWMA control chart in the presence of measurement error, *Communications in Statistics - Simulation and Computation*, DOI: 10.1080/03610918.2024.2408624

4. RESEARCH PAPERS PUBLISHED IN OTHER JOURNALS:

Published in Pakistan (Local Publications):

1. Suhaib, S., **Habibullah, S.N.** and Chaudhry, K.A. (2023). Area-Biased Log-Logistic Distribution: Properties and Application, *Journal of Natural and Applied Sciences Pakistan* Vol.5(2), 1582-1593.
2. **Habibullah, S.N.** and Xavier, K. (2018). Modeling Bladder Cancer Patients Data Through an SIA Log-Symmetric Distribution for Achieving Better Fit, *Journal of Research & Reviews in Social Sciences Pakistan* 1(2), 205-211.
3. **Habibullah, S.N.** (2017). On the Power Generalization of Log-Symmetric SIA Distributions, *Journal of ISOSS*, 3(1), 45-54.
4. **Habibullah, S.N.** and **Ahmad, M.** (2008). On Some Properties of Seshadri Family of Distributions, *Pakistan Journal of Statistics*, 24(3), 163-166.
5. **Habibullah, S.N.** & **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.
6. **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.

5. 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** (Sep. 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 Life”, 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 Life”, 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 Model”, 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 Fit, 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 Distribution, 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 Transformation, 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 Distribution, 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 Distribution, 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 Modeling”, 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 Distribution, 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 Unity, 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 Distributions, 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 Safety, 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)* Distribution, 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 Function, 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-Inversion, *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 BSDI, 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 DensityI, 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 DistributionsII, 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 SoftwareI**, 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 EndeavourI, 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 AcceptanceI in a Higher Education Institution Relatively New at ResearchII, **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 ApproachI (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 Pakistan, **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!II, **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 (Aug., 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 Formal Education of Statistics at the Higher Secondary/Intermediate Level, Proceedings of the **Third International Conference on Teaching Statistics (ICOTS 3)**, Dunedin, New Zealand (Aug., 1990).

(b) 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).

(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 Homel, 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).

XLIX. PAPERS THAT HAVE BEEN PRESENTED IN CONFERENCES:

1. **Habibullah, S.N. (2025)**, “The International Statistical Literacy Project: An Ongoing Journey”, **Invited Paper** presented at the **22nd International Conference on Statistical Sciences** held at University of Sargodha (Sargodha, Pakistan) on December 15-16, 2025.
2. **Habibullah, S.N., Chaudhry, K.A. & Khurram, Z. (2025)**, On the Development of the Volume-Biased Lognormal Power Distribution, presented at 3rd Kinnaird’s Conference on Science, Technology and Innovation (Kinnaird College For Women, Lahore, Pakistan, Feb. 18-20, 2025).
3. **Habibullah, S.N. (2024)**, Promoting Conceptual Understanding of Statistics in Tertiary-level Students of a Developing Country, presented at 15th International Congress on Mathematical Education (ICME 15) held in Sydney, Australia (July 7-14, 2024).
4. **Habibullah, S.N. (2024)**: Presentation of ideas at the **IASE 2024 Roundtable Conference “Connecting data and people for inclusive statistics and data science education”** as a **Discussant** (Auckland, New Zealand, July 2-5, 2024.)
5. **Habibullah, S.N. & Hashmi, S. (2023)**, On Improved Estimation of the Median for the Class of SIA Log-Symmetric Distributions, presented at the 2nd International Conference on Recent Trends in Statistics and Data Analytics held at National University of Sciences and Technology (NUST), Islamabad, December 14-15, 2023.
6. **Habibullah, S.N. (2023)**, A Questionnaire-Based Survey on the Situation of Statistical Computing Education in Pakistan, **INVITED PAPER** presented at 20th International Conference on Statistical Sciences (ICSS 20) held at Imperial College of Business Studies, Lahore, (March 09-11, 2023).
7. **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).
8. **Habibullah, S.N. (2022)**, "The Role of Statistical Literacy in High-Quality Research and National Prosperity", **KEYNOTE ADDRESS** presented at 7th International Multidisciplinary Research Conference organized by Sarhad University of Science and Information Technology (SUIT) at Baragali, Pakistan (July 26-28, 2022)

9. **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).
10. **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).
11. **Habibullah, S.N. (2022)**, A paper presented at the **Around The World Conference** (December 07, 2021).
12. **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).
13. **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).
14. **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).
15. **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.
16. **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).
17. **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)
18. **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.
19. **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).
20. **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.
21. **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).
22. **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).
23. **Habibullah, S. N. (1990)**, 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).