



**FORMAN
CHRISTIAN
COLLEGE**
(A CHARTERED UNIVERSITY)

**DEPARTMENT OF
STATISTICS**



STATISTICAL MOMENTS

2021-22

Newsletter

Volume -1

Department History

Statistics Department was introduced in 1970 under the umbrella of the Mathematics Department when Professor Mir Muhammad Yaqoob was the Chairperson. The Department started functioning independently in 1974 and Professor Muhammad Aslam was appointed as the Chairperson. Under his guidance, the department continued to progress. Prof. Dr. Mujahid Rasul took the Chairmanship from Prof. Muhammad Aslam in 2006. Under his leadership, the department flourished a lot. In 2009, Prof. Khalid Javed was appointed as Head of Department. Since 2013, Muhammad Asif Shami is leading at front.

Introduction of Statistics

The statistical tools are being increasingly used in mining large databases, particularly in the fields of surveys, census, MRI, fMRI, EEG, biometry, genetics, air traffic, business, computer science, marketing, engineering, social and health sciences, space sciences, arts and humanities amongst many others. Statistics has hence become central to all aspects of social and natural sciences.

Official statistics are playing an increasing role in our societies and governments. High quality statistical data are now readily available at the national, regional and global levels. They are routinely used in public debate, policy formulation and business decisions. National statistical systems that have been charged with the compilation and the dissemination of official statistics have evolved to become an important national institution in each and every country. To celebrate achievements of official statistics, the United Nations Statistics Division proposed to celebrate the **World Statistics Day**.

Message from Head of Department

The department of Statistics has been in existence for the last four decades and its faculty members have been inspiring the students for as long. This newsletter offers a glimpse into the activities and engagements of the faculty and staff at the department. All the members of the department lovingly serve the students and FCC community, in general, thus becoming the embodiment of the College's motto "**By love, serve one another**" and its **core values**. They are committed to bringing the best out of themselves as well as out of the students they work with. The purpose of a newsletter is to provide specialized information to a targeted audience. Newsletters can be a great way to market your product or service, and create credibility, build awareness for you and the services provided. I hope you will enjoy reading the newsletter.



Muhammad Asif Shami

Associate Professor
Head of Department

Mr Asif Shami is Associate Professor of Statistics, serving as Head of Department since 2013. He has also served as Chief Proctor (C) for 2015 —2020.

Mr Shami earned his Master's degree with distinction from The Islamia University of Bahawalpur. He joined Pakistan Bureau of Statistics under Ministry of Finance and Economic Affairs in 2001 at Bahawalpur and got the experience of data collection and handling for more than two years. He joined FCC in 2007 as a faculty member. He has taught Statistics at various levels in different institutes.

He completed his MPhil from GCU, Lahore in 2018. The title of his research was "Designing of Repetitive and Multiple Dependent State (MDS) Type Control Chart for Monitoring the Process Mean Using Difference in Difference Estimator."

He has a vast experience of data analyses using statistical softwares like SPSS, R, Python.

ACTIVITIES

How to Attempt BISE Statistics Paper 2021

Webinar 1: June 24, 2021 at 10:30 am

The webinar went quite well on zoom platform and a large number 2nd year students of C3, C4, H2 and H3 sections attended and discussed their issues. Mr. Peter Massey hosted this session.

Webinar 2: June 24, 2021 at 11:30 am

Second webinar was for Business Statistics students. Attendance was very encouraging again. Students were eager to know more about paper attempting techniques. Dr. Fariha Yasmin facilitated the second session.

Webinar 3: August 9, 2021 at 10:00 am

In the third webinar, conducted on June 24, 2021, 40 students of C3, C4, H2 and H3 sections of 1st year attended. Mr. Peter Massey held this session.

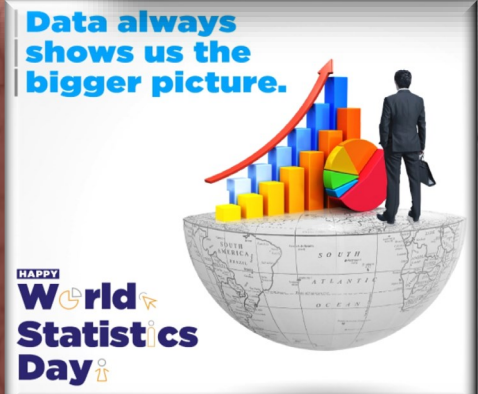
Students asked questions mostly about paper format/ paper pattern and respective marks distribution according to the Accelerated Learning Programme (Smart Syllabus). They were very much satisfied by the answers provided to them from faculty.

ACCELERATED
LEARNING
PROGRAMME
(ALP)

تسریج التعلیم پروگرام
برائے
انٹرمیڈیٹ کلاسز



پنجاب کریکولم اینڈ ٹیکسٹ بک بورڈ، لاہور



Importance of Statistics

Department of Statistics organized a webinar on December 13, 2021. Participants were from F C College and :

- ◆ Department of Statistics FCCU
- ◆ Kinnard College for Women University, Lahore
- ◆ Dr. Amjad Javed Sindhu, Agriculture Census Commissioner Lahore.

The following resource persons talked about practical application of Statistics in their respective fields:

- Ms. Sakkhi Raheel, Assistant Director, State Bank of Pakistan. (Formanite)
- Mr. Tariq basher, Joint Agriculture Census Commissioner (Formanite)
- Ms. Sara Massey, ETL Developer, Business Decision Support (BDS) Indigenous Services Canada.

The webinar was very helpful for students to understand the importance of statistics in different fields and a road map for their future plans.



Ms. Sakkhi Raheel



Mr. Tariq Bashir



Ms. Sara Massey

How to Attempt BISE Statistics Paper 2022

The Department of Statistics conducted two webinars for second year students on June 15, 2022.

The **reason** for conducting is that, last year these students attempted the papers according to Smart Syllabus (Accelerated Learning Programme) due to COVID-19 Pandemic. This year, they have to appear for the 100% syllabus. Techniques to attempt the paper for obtaining best result was the main focus. The other aspects including the paper format, marks distribution and up-to-date information regarding the latest BISE paper pattern were explained and discussed in detail.

The first webinar was conducted by Prof. Peter Massey for Business Statistics students at 10:00 am and the second webinar for second year Statistics students, conducted by Prof. Dr. Fariha Yasmin at 10:45 am.

The best part of these webinars was the overwhelmingly positive response of the students. Keeping this in view the success of this activity, the department has decided to refine the content and make these webinars a regular feature of the statistics department.

Mr. Peter Massey is an Assistant Professor of Statistics, serving Forman Christian College since 2003. Mr. Massey is a senior faculty member having 28 years teaching experience. Serving his Alma Mater and community in the following different capacities as:

- Member Search Committee
- Member Appellate Committee
- Member Proctorial Board
- Designed "The Smart Syllabus-ALP" 2020-21 (COVID -19) for PCTB, Punjab.
- Paper Setter, BISE Lahore
- Head Examiner, BISE Lahore
- Super Checker (Rechecks the papers of expected position holders), BISE Lahore
- Resident Inspector, BISE Lahore
- Practical Examiner, BISE Lahore



Peter Massey
Assistant Professor
M.Sc. Statistics



Dr. Fariha Yasmin
Associate Professor
Ph. D (The Islamia University of
Bahawalpur)

- Teaching Statistics at various levels at FCCU Lahore.
 - Member Department Search Committee.
 - Sub-Examiner, BISE Lahore.
 - Evaluated two Ph.D thesis for Department of Statistics, The Islamia University of Bahawalpur.
 - Reviewed a paper for Pakistan Journal of Statistics and Operation Research.
 - Reviewed seven papers for Pakistan Journal of Statistical Application and Probability.
 - Worked with NGO "Formation Awareness & Empowerment Society."
- She has been a part of FCC faculty since 2008 and teaching career spanning over 14years.



Summera Jaffri
Lab Assistant
Joined in 2021

DEPARTMENT OF STATISTICS

Session: 2021-22



Summera Jaffri Lab. Attendant	Dr. Fariha Yasmin Associate Prof.	Dr. Lubna Amer College Coordinator	Dr. Ivan Suneel Samuel Vice Rector	M. Asif Shami HOD, Associate Prof.	Peter Massey Assistant Prof.
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