

NEWSLETTER



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

**Volume-3
2022-23**

Department of Mathematics



Introduction

It is our mission to engage students in the teaching and learning of mathematics that will challenge them to be independent learners and develop sound reasoning, problem-solving, and critical thinking skills necessary to compete in a global society.

FCCU has a rich history of traditions and have produced great leaders and shaped many lives. Our faculty is comprised of exceptional individuals working together for the benefit of our children.

We at Forman Mathematics Department (college) as a team try to achieve and maintain par excellence and will continue to do so in many years to come.

Message from the Head of Dept.



Welcome to another exciting edition of the Mathematics Department (College) Newsletter. We will give you a greater insight into the department's approaches to teaching and learning.

As I look back at a very successful 2022-23 term, I cannot help but beam with pride at the hard work and fantastic learning I can see taking place every single day. We've had a big push on developing a growth mindset this term and can already see students embracing new challenges and striving for high academic achievement. There have been many highlights already this year particularly which I would like to share that we have won Department's Trophy by participating in an Nationwide Online Mathematics Contest by the name of 'Falcon Hunt Test' including a gold medal won by one of our student and faculty member, followed by an active participation of the first Science Fair Arranged by college SciCon 1.0 in which one of the winning project was of a Mathematics student. Faculty members at Mathematics Department follow the same tradition under the motto of "By Love Serve One Another". Our aim is to produce skilled professionals, ethical mathematics scholars and educated leaders who will be sensitive to the needs of society in future.

SERVICES & RESPONSIBILITIES



Julia J. Austin
Assistant Professor

- Chairperson
- Assistant Guardian at Hope Tower
- Member of Search/Scrutiny Committee
- Mentor in Mentor-Mentee program of Christian Students
- Special Evening Classes
- Pre-College Summer Coaching Classes



Mr. Muhammad Iqbal
Associate Professor

- Exam Coordinator
- Coordinator 1st Year
- Member Commencement Committee
- Member Proctorial Board
- Member Search/Scrutiny Committee Commerce



Dr. Mohsin Raza
Assistant Professor

- In-charge Of professional Development
- Member Proctorial Board
- Member Search/Scrutiny Committee
- Sports Advisor



Ms. Rabia Naz
Assistant Professor

- Advisor Mathematics Society
- Department Coordinator for Substitutions
- Member Search/Scrutiny Committee
- Member Stage & Award Committee at Commencement
- Volunteer at Staff Club
- Member SciCon1.0
- Member Admission Information Desk



Mr. Bilal Ahmed
Assistant Professor

- Incharge of Departmental Activities
- Editor News Letter
- Member Selection Committee for SWP's at CPO
- Member Proctorial Board
- Member Admission Information Desk
- Member Proctorial Team at Commencement
- Sports Advisor (Business Junior)



Ms. Sana Bhatti
Lecturer

- Coordinator 2nd year
- Co-Editor News Letter
- Member Proctorial Board
- Member Sports Council Committee
- Member Admission Information Desk
- Convenor of College Safety Committee
- Member Search & Scrutiny Committee IT department



Mr. Sharoon Anjum
Lecturer

- Coordinator Falcon Hunt
- Member Merit Scholarship Committee
- Pre-College Summer Coaching Classes
- Evening Coaching Classes
- Member Proctorial Board



Dr. Khalida Faisal
Assistant Professor

Over 2 years of teaching experience in different Universities served as a visiting Lecturer at Minhaj University; visiting Assistant Professor at the University of Education and University of the Punjab; visiting faculty member of Mathematics at Punjab Tianjin University of Technology; awarded Roll of Honour in Bachelor of Science.

HONOR AND AWARDS

1st Position at National level in Falcon Hunt



Muhammad Abdullah Kamal got the Gold Medal

Instructor of Abdullah Kamal



Mr. Muhammad Iqbal Also Got the Gold Medal as an Instructor of the Awardee



Departmental Award



Ms. Julia Austin got the Winning Trophy from Director of Falcon Hunt

FCC Poster Competition



Muhammad Aarij's Poster selected in CB poster competition Student of Ms. Rabia

Guest Speaker



Mr. Sharoon Anjum Invited as a guest Speaker at School of Aviation, University of Lahore

Guest Judge at Mathematics Olympiad



Ms. Rabia Naz Invited as a judge in Mathematics Olympiad at Aitchison College



Formanites Mathematics Society



Society vision regarding its council members is the grooming of skills, polishing of communication & social skills, boosting self-morale, preparation of practical world and importance of team work. Our Agenda is to introduce healthy activities for bonding of students and faculty to create a better world. We present certificates and shields to our council for their dedication and services towards society.

Message from the Advisor

As an Advisor of the Formanite Mathematics Society, I want to express my gratitude to our team, who demonstrates a strong dedication to uplifting our FMS society through a wonderful combination of creativity and management skills. During the 2022-23, the FMS team organized various events. Additionally the FMS team actively participated in Science Fair (SciCon1.0) at FC College, where they have done everything from decorating the entrance to managing the logistics of posters. The chief guests and visitors greatly admired the models crafted by the FMS. The Motto of FMS, "Empowering Minds, Inspiring Excellence: Together We Count," encapsulates our mission and values.

Council FMS 2022-23

Advisor
Ms. Rabia
President
Mohsin

Vice-President
Zamil

Secretary
Saud

Media Manager
Fakhar

Treasurer
Salman
Logistics
M. Ahmed

SOCIETY EVENTS

Welcome to 1st Year Students



TEACHERS DAY

It is observed on 5th October every year. It is also known as International Teachers' Day.



Mathematics Essay & Poster Competition



Mathematics Model Competition



Drone Project was the centre of attraction



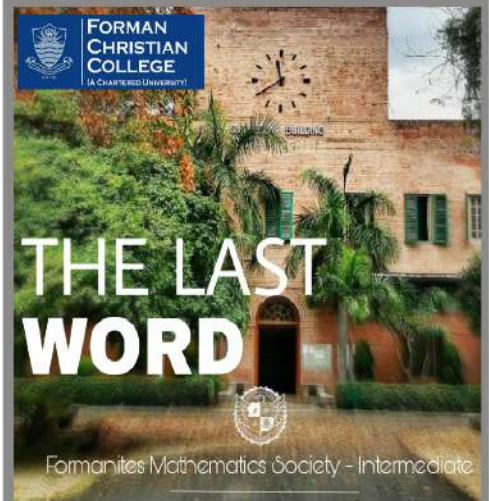
Participation of FMS in SciCon I.0



Mr. Qamar Zaman & Chairman BISE Appreciated Math Models



FMS Magazine



SOCIETY EVENTS



FALCON HUNT

Women's day Celebrations



Closing Ceremony



Major (R) Dr. Muhammad Arif Butt
Founder Falcon hunt Pakistan was the
Chief Guest



This year we have conducted the falcon Hunt Mathematics Contest. There were 450 student participated in the contest.

Forman Mathematics Society arranged the closing Ceremony which was held on April 28,2023.

Founder of Falcon Hunt Mathematics Contest. Dr. Maj (R) Arif Butt

Principal at PUCIT University of the Punjab,Lahore grace the ceremony.

We are proud to announce that our students got positions among first 20 positions at national level in the contest among all the institutions in Pakistan.

We got 1st position by securing Gold Medal & Smart Watch.

Other students got USB drive, and other prizes.

We were appreciated by the Founder of Falcon Hunt Mathematics Contest in form of trophy for our Department.

It is source of encouragement for students and pride for ourselves being teacher of those student.

Falcon Hunt Prizes Won by FCC Students & Teachers



1st Position at National level

PROFESSIONAL DEVELOPMENT/ACHIEVEMENTS

Dr. Mohsin Raza Organized a Workshop



- Effective Teaching (Dr. Mohsin Raza)
- Course Planning of Business Math (Mr. Bilal Ahmed)

Ms. Julia Austin Organized a Workshop



- Plan & Road Map to Improve BISE Results
- Effective Testing

Ms. Sana Bhatti Organized a workshop on Effective Learning Environment



Dr. Khalida Faisal

- PhD Mathematics

Thesis Title: "Construction and Analysis of Subdivision Algorithms for Shape Modeling"

• **Publications:**

☒ The Φ_6 -model expansion method for solving the Radhakrishnan-Kundu-Lakshmanan equation with Kerr law nonlinearity, Khalida Faisal, Optik - International Journal for Light and Electron Optics, Volume 234, 2021, 166614, IF: 2.187.

Dr. Mohsin Raza

Bonds on Fractal-Metric Space Dimension of Peterson Graph

Dalal Awadh Alrowaili¹, Mohsin Raza², Muhammad Javaid^{2,*}
¹ Mathematics Department, College of Science, Jouf University, P.O. Box: 2014, Sakakah, Saudi Arabia

Ms. Julia Austin

- Started B.Ed (1.5 Year)

Mr. Sharoon Anjum

- Started PhD Mathematics

Mr. Bilal Ahmed

- Course on Data Scientist's Tool Box by "John Hopkins University"
- Course on Write Professional Emails in English by "Georgia Institute of Technology"



Bilal Ahmed

The Data Scientist's ToolBox

an online certificate course authorized by Johns Hopkins University and offered through Coursera

Johns Hopkins University

COURSE CERTIFICATE



Georgia Institute of Technology

Bilal Ahmed

Write Professional Emails in English

an online certificate course authorized by Georgia Institute of Technology and offered through Coursera

Georgia Institute of Technology

COURSE CERTIFICATE



Editorial Team

Chief Editor

Julia Austin

Editor

Bilal Ahmed

Co-Editor

Sana Bhatti