



**REENA ABRAHAM**

**SENIOR LECTURER IN MATHEMATICS**

*P.O. Box 100, PC 133, Sultanate of Oman*

*Phone: +968 98111292/95919122(Mobile)*

*Email: reena@mCBS.edu.om; reenasant@hotmail.com*

- *A Healthy, Active, Attentive, Meticulous and Methodical Professional, with a flair and proclivity for Teaching.*
- *Over 27 years of Teaching Experience at College, Secondary and Preparatory levels.*
- *Familiar with both US & British System of Education.*
- *Strongly believe that a teacher's role is to not only impart both academic and social skills, but also to inspire and train children for life, so they can improve society and be successful in life.*
- *Primary role is teaching Mathematics to undergraduate and graduate students, as well as IGCSE, CBSE, Cambridge A Level, O Level Mathematics, SAT, GMAT, GRE Test Preparations.*
- *Involved in promoting Student Service Activities.*
- *Interested in pursuing research in Data Science in Mathematical Applications.*
- *Currently holding the position of a Senior Lecturer in Mathematics in Modern College of Business and Science (Affiliated to the University of Missouri, St. Louis (UMSL), U.S.A).*

## **PROFESSIONAL EXPERIENCE**

**Modern College of Business & Science, Sultanate of Oman**

(Affiliated to the University of Missouri, St. Louis (UMSL), U.S.A) - **JANUARY 2001 – PRESENT**

### **SUBJECTS TAUGHT**

*Analytical Geometry and Calculus I & II, College Algebra, Trigonometry, Basic Probability and Statistics, Calculus Concepts, Applied Mathematics, Basic Calculus, Basic Mathematics.*

### **COURSE COORDINATOR**

*Calculus, Statistics and Foundation Mathematics (under the supervision of Ministry of Higher Education Requirements)*

## **PRESENTATIONS AND WORKSHOPS**

- *Prepare the Faculty Performance Evaluation Process every year, which is aimed to appraise and set goals for the active academic year for professional development of the faculty.*
- *Hands on knowledge in mathematical software Maple, MATLAB, test Generators, SPSS, and other Technologies available online for instructors through different publishers.*
- *Using Voice enabled Web conferencing/discussions with the publishers via WebEx for e-learning and developing materials for technology-based learning for Math/statistics courses in the Computer Labs.*

- *Developing Mathematics/Statistics courses through OER has given the opportunity to use the latest technology available online.*
- *Co-ordinate presentations and demonstrations as part of the teaching curriculum.*
- *Provide semester reports to the head of the department on the progress of the course in the middle and end of each semester.*
- *Undertaken initiatives to Create and Prepare Math Placement Exams online for foundation courses through Moodle e learning system and New Course book for foundation program as per the prerequisite for the credit courses and Ministry of Higher education requirements.*
- *Technologies used are shared internally in the department for the mutual benefit of our faculty and students.*

### **CORE RESPONSIBILITIES**

- *Using Moodle as course management system for effective online learning.*
- *Providing mathematics courses for undergraduates/graduates.*
- *Proficient in developing course syllabus and curriculum to expand learning opportunities.*
- *Teaching mathematics/statistics courses for undergraduates/graduates and Course Coordinator for Mathematics/Statistics courses. Maintain course files which include Coordination meeting reports, demonstrations as part of the teaching curriculum.*
- *Provide individualized instructions to keep all students at the expected skill level.*
- *Develop Plans and work closely with At- risk students.*
- *Getting registered with Pearson education IRC access code gave the opportunity to learn how to install Test Gen, use test bank files and create tests for all the courses and created MCBS online Mathematics placement exams.*
- *Attending demo lectures and presentations for the recruitment of new faculties.*
- *Involved in internal faculty peer evaluation.*

### **STUDENT SERVICE ACTIVITIES**

- *Providing recommendations/plans and address strategies to be deployed in academic advising.*
- *Counseling/Mentoring/Tutoring/Student Clubs/Organizations/Group Activities for students in different majors.*

### **PREVIOUS MEMBER OF ACADEMIC SUPPORT, EXAM COMMITTEE AND COMMUNITY ENGAGEMENT COMMITTEE**

- *Providing academic support and learning strategies through The Learning Support Center services, resources, and in collaborations with faculty that allow students and the community to achieve their academic goals.*
- *Planning and organizing workshops that engage students and faculty/staff of MCBS and student community in Oman.*
- *Member of the exam committee and actively involved in the functioning of the Final exams smoothly.*

## **SUPERVISOR OF MATH CLUB AND PEER TUTORIAL LAB**

- *Math Interactive Club initiated. Organize and Conduct Math Club Activities by Volunteering for Lectures/Workshops. Also coordinating meetings/advertising of the math Club Events.*
- *In charge of the functioning of the ongoing Math Student Tutorial Lab which is now a part of the Math Club.*

## **CONFERENCES/WORKSHOPS/CERTIFICATIONS**

- *Received Cambridge English Certificate of attendance for IELTS workshop.*
- *Availed certificates through local/college seminars and workshops.*
- *Planning for a certification in statistical software.*
- *Utilizing and sharing the hands - on knowledge attained among colleagues and students.*

## **PUBLICATIONS**

- **REASONS FOR UNDERGRADUATE STUDENTS' DROPOUT: A CASE STUDY**  
*1 P Mani Joseph, 2 Nassor Suleiman, 3 Reena Abraham 1 Professor, 2 Assistant Professor, 3 Senior Lecturer Modern College of Business and Science, Muscat, Sultanate of Oman. © 2021 JETIR August 2021, Volume 8, Issue 8 www.jetir.org (ISSN-2349-5162).*
- **AN INVESTIGATION OF MATHEMATICS THINKING STYLES AND MATHEMATICS EDUCATION SOFTWARE**  
*Presented in the 11<sup>th</sup> European Conference on Education held at SOAS & University College London, UK.*
- **MATHEMATICS EDUCATION IN OMAN**  
*An educational research project regarding features of Mathematics Education after Pandemic considering the experiences obtained from online teaching and the impact of online teaching.*

## **RESEARCH INTEREST**

### ***Data Science and Its Application in Mathematics.***

- *Understanding how you can use math in practical scenarios can help you understand why businesses need data scientists and how mathematics comes into play.*

### ***Foundation of Probability Theory***

- *Probability theory is applicable to many activities for which it is essential to consider the results of quantitative analysis of large sets of data by dealing with analysis of random variables, processes, and events.*

### ***Open Educational Resources - OER in curriculum Management***

- *Work together to design, develop and deliver open distance and e -learning programs for instructors in Mathematics and Statistics. To contribute to global knowledge by OER Teaching Methods for inspiring the students of the future.*

### ***Mathematics Education for young people with autism spectrum disorder.***

- For the development of inclusive teaching methods that accommodate the unique learning styles and needs of individuals with ASD.

### **OTHER ASSIGNMENTS UNDERTAKEN**

- **Mahatma College, Kottayam, Kerala, India** 3 YEARS  
LECTURER IN MATHEMATICS- *Junior College Level*
- **Bangladesh School and Azaiba Pvt. School, Oman** 5 YEARS  
TEACHER OF MATHEMATICS- *Secondary and Preparatory Level*
- **Private Tutor**  
*Teaching Omani and Expat student community.*

### **COMPUTER EXPERTISE**

- *Skilled with Windows 10, MS Office (Word, PowerPoint, Excel and Outlook)*

### **EDUCATION & CREDENTIALS**

- **MASTER OF SCIENCE MATHEMATICS**  
Govt. College, Chittoor, Calicut University  
*First Class (1987 -1989)*
- **BACHELOR OF SCIENCE MATHEMATICS**  
Mercy College, Palghat, Calicut University  
*First Class (1984 -1987)*
- **BACHELOR OF EDUCATION MATHEMATICS**  
Govt. B. Ed Training College, Calicut University  
*First Class (1991 -1992)*
- **PG DIPLOMA CERTIFICATE IN SYSTEMS MANAGEMENT**  
NIIT Madras  
*(1989- 1990)*

### **PERSONAL DETAILS**

*Date of Birth* : 12.05.1967

*Gender* : Female

*Marital Status* : Married

*Nationality* : Indian

*Permanent Address* : Reena Abraham, C/o Mr. T. M. Abraham, Theverthundiyl House,  
Manjadi P.O, Tiruvalla, Pathanamthitta Dist., Kerala.

*Passport Number* : K3694876

## **STRENGTHS**

- *My major strength is my experience, flexibility and willingness to always learn and try new things that reflect on my practice.*
- *Dedication giving 100% to teaching. Patience and calmness and being well organized.*
- *Maintain a good rapport with students.*

## **SKILLS SET**

- *Confident, Keen observer, Patience, Good listener.*
- *Hobbies include cooking, fashion designing and Interior designing. (Certificate courses done in fashion designing and interior Designing)*

## **WEAKNESS**

- *Trying to be a perfectionist.*

## **REFERENCES**

1. Mrs. Dhivya Bino, Coordinator, Centre for Academic Practices (CAP)  
Faculty, Department of Computing, Middle East College,  
Knowledge Oasis Muscat, P.O. Box 79, PC 124, Al Rusayl, Sultanate of Oman  
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2. Dr Menila James, Director of Quality Assurance and Asst Professor in Computing,  
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3. Mrs. Anitha Anto, Lecturer, College of Nursing, SQU  
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## **DECLARATION**

*I hereby declare that all the above particulars are true and that I will fully utilize my talents and skills for the betterment of this institution.*

**REENA ABRAHAM**