Majmaah University
Public Health Department (Health Informatics)
Saudi Arabia

m.rafiq@mu.edu.sa
Phone: 00966164042539
Website: http://faculty.mu.edu.sa/mrafiq

Mohammed Rafiq

Objective

To achieve a challenging position in professional world that offers tremendous growth potential as well as to achieve the goal of the college (University).

Education

July 2005 – Jun 2007　**Aligrah Muslim University(A.M.U)**

Master in Computer Science and Application

Industrial Project

Jan 2007 – July 2007　**Material Management Information System**
Client: Maruti Udyog Ltd. Gurgoan Hayrana.
Tool: D2K as front end and Oracle 9i as back end.

Working Experience

September. 2014-　Lecturer, College of Applied Medical Sciences, Majmaah University.
till date

Awards

July 2000　**Best Student of the College**

N A & I College Siraully Bareilly, India

Majmaah University
Public Health Department (Health Informatics)
Saudi Arabia

m.rafiq@mu.edu.sa
Phone: 00966164042539
Website: http://faculty.mu.edu.sa/mrafiq

Technical Skills

Health Informatics Tools	: BMC , COBIT, iPatientCare EHR, ADSC EHR
Programming Language	: PHP, C/C++, D2K, SQL, Pl/SQL
Database Tools	: Oracle, Mysql, MS-Access,
Web Design Tools	: HTML, FRONT PAGE, Dreamweaver, Drupal
Operating system	: WINDOWS, UNIX, LINUX
Others	: E-Learning (Moodls, JUSUR, D2L, Black Borad(Bb))

Courses Taught

1. Information Technology Governance, **HIF 354**

2. Electronic Health Records, **HIF 244**

3. Linear Algebra**, HIF 351**

4. Applied Mathematics**, HIF 245**

5. Calculus**, HIF 233**

6. Numerical Mathematics**, RMI 247**

7. Computer Application in Radiology**, RMI 245**

8. Image Processor Techniques**, RMI 473**

9. Computer and Systems, **BMTS 242, MET 245**

10. Digital Image Processing, **BMTS 492, MET 592**

11. Artificial Intelligence, **BMTS 593, MET 597**

12. Control Systems in Biomedical, **MET 593**

13. Applied Mathematics-1, **MET 241**

14. Biostatistics, **CAMS 233**

15. Applied Mathematis-2, **BMTS 354, MET 351**

16. Computer Programming, **BMTS 366, MET 356**

17. Computer and Systems, **BMTS 242, MET 245**

Majmaah University
Public Health Department (Health Informatics)
Saudi Arabia

m.rafiq@mu.edu.sa
Phone: 00966164042539
Website: http://faculty.mu.edu.sa/mrafiq

18. Digital Image Processing, **BMTS 492**

19. Artificial Intelligence, **BMTS 593**

20. Applied Mathematics-2, **BMTS 354, MET 351**

21. Basic Mathematics, **MET 233**

22. Algorithms And Data Structures- **CEN 215**

23. Distributed Database Systems- **CEN 449**

24. Introduction to Computer & Programming- **SCS 101**

25. Introduction Programming 1- **SCS 109**

26. Database Management System (DBMS)- **CEN 216**

27. Software Engineering- **CEN 343**

28. Operating System- **CEN 321**

29. Object Oriented Programming- **CEN 320**

30. Computer Skills- **CT 140**

31. Advance Computer skills- **CT-131**

32. Computer Architecture- **CEN 326/211**

33. Discrete Mathematics- **CEN 201**

34. Computer Programming- **CEN 212**

35. Programming1- **CS 110**

36. Fundamentals of Information Technology- **IT 200**

37. Discrete Mathematics- **MATH 111**

38. Numerical Methods**- MATH 254**

39. Algebra & Geometry Analysis- **MATH 107**

40. Introduction of Mathematics-**MATH 001**

41. Introduction of Mathematics-**MATH 002**

42. General Physics- **PHY 103**

Apart from Teaching

1. Design & Developed Website, College of Applied Medical Sciences, Majma'ah University, KSA, 2014-2015.

2. Working on Designing and maintaining the web portal (https://www.mu.edu.sa/en/colleges/college-of-applied-medical-sciences) of CAMS 2014 –till date.

3. Worked as a quality member in MET department, college of applied medical sciences from 2014-16.

4. Worked as academic affairs committee MET department, college of applied medical sciences from 2014-15.

5. Worked as exam committee member in MET department college of applied medical sciences from 2015-17

6. Worked as a member in Exam Unit college of applied medical sciences from 2017-18.

7. Worked in alumni committee of MET department, college of applied medical sciences from 2016-17.

8. Worked in curriculum committee of RMI department, college of applied medical sciences from 2015-16.

9. Worked in Lab Unit college of applied medical sciences, from 2016-2018.

10. Working in Training Unit college of applied medical sciences from 2018-till date.

11. Working in alumni and community service committee of Public Health Department college of applied medical sciences from 2017- till date.

12. Working in research committee of Public Health Department college of applied medical sciences from 2017- till date.

13. Working in Quality committee of Public Health Department college of applied medical sciences from 2017- till date.

14. Working in clinical and training committee of Public Health Department college of applied medical sciences from 2017- till date.

15. Working in academic affairs committee of Public Health Department college of applied medical sciences from 2018- till date.

16. Working to develop timetable and maintains the e-register of Public Health Department college of applied medical sciences from 2018- till date.

17. Working in E-Learning Unit college of applied medical sciences from 2014-till date.

18. Working in College Online Exam Committee college of applied medical sciences from 2015-till date.

19. Working as IT technical Supervisor college of applied medical sciences from 2018- till date.

20. Working as Head of Graduates Affaires Unit college of applied medical sciences from 2019-till date.

21. Working as College Website supervisor (https://www.mu.edu.sa/en/colleges/college-of-applied-medical-sciences) college of applied medical sciences from 2020- till date.

Project Guided

I have guided number of projects at bachelor and master level students. Some of the projects listed below.

1. Image Processing System, RMI Department, College of Applied Medical Sciences
2. Players Information System, MET Department, College of Applied Medical Sciences
3. Online Examination
4. Online Book Store
5. Database of CIET, NCERT
6. Material Management Information System

Conference Attended

1. Attended International Conference held in Majmaah University, KSA, April 2010.
2. Attended International Exhibition & Conference on Higher Education, Riyadh, KSA, April 2011.
3. Attended International Exhibition & Conference on Higher Education, Riyadh, KSA, April 2012.
4. Attended International Exhibition & Conference on Higher Education, Riyadh, KSA, April 2013.
5. Attended International Exhibition & Conference on Higher Education, Riyadh, KSA, April 2014.
6. Worked as an organizer in symposium College of Applied Medical Sciences, 2015.

Majmaah University

Public Health Department (Health Informatics)

Saudi Arabia

m.rafiq@mu.edu.sa

Phone: 00966164042539

Website: http://faculty.mu.edu.sa/mrafiq

Fields of Interest

1. Health Information System
2. Database Management system.
3. Programming
4. Software Engineering
5. Image Processing
6. Applied Mathematics

Seminar Attended

1. Emerging Trends in Grid Computing.
2. Virtualization: Do More With Less, Personal Learning Environments - Present Scenario.
3. Oracle **Technology Day: Plug into the Cloud with** Oracle **Database 12c**, on Sunday, 25 August 2013, Four Seasons Hotel Riyadh, Saudi Arabia.

Seminar/workshop delivered

1. Delivered Blackboard Training Series, College of Applied Medical Sciences.
2. How to conduct online exam through Blackboard(Bb), College of Applied Medical Sciences.
3. Blackboard and e-Learning, College of Applied Medical Sciences.
4. How to use Blackboard(Bb), College of Applied Medical Sciences.
5. How to use D2L (Desire 2 Learn), College of Applied Medical Sciences.
6. How to use E-Podium, College of Applied Medical Sciences.
7. Database Security
8. Latest Trends in IT industry
9. Semantic Web
10. Data Mining

Paper Publication

1. **Mohammed** Rafiq **"Database Security Threats and Its Techniques"** International Journal of Advanced Research in Computer Science and Software Engineering **(IJARCSSE)** Volume 4, Issue 2, February 2014.
2. Mohammed Rafiq, **Breast cancer detection using image enhancement and segmentation algorithms**, Biomedical Research, An International Journal of Medical Sciences, Volume 29, Issue 20, November 2018.