ZUBEIR IZARUKU DAFALLA

CISCO ACADEMY INSTRUCTOR

Address: Community College of Qatar
P.O Box 7344, Doha,
State of Qatar

Mobile: +97450349100
E-mail : dafalla.zubeir@ccq.edu.qa

Career statement: A committed Assistant Professor who has taught students of various backgrounds in leading higher education institutions from Malaysia, Oman to Qatar with very stimulating pedagogy skills. Possess an excellent track record in administrative roles and working in multicultural environment with good communication and interpersonal skills. Extensive hands on knowledge in Computer Networking systems.

Areas of Strength	
	• Ability to teach students of various cultural background from Malaysia to Middle East
	• Ability to create new Lecture materials in power point format and Lab materials
	• CCNA Instructor
	• Ability to effectively to each and deliver hands on Lab sessions in Computer Networking courses by using both physical machines such as CISCO switches and routers as well as simulation tools such as packet tracer.
	• Ability to secure funding to conduct a scientific research in Computer Networking areas.
	• Ability to effectively design and configure wireless access points for labs related to Wireless Networking course.
	• Handled Installation, configuration and management of Network Operating Systems such as Windows Server 2003, 2008, 2012, 2016 and 2019 at Computer Labs.
	• Handled large scale cabling installations for telephone and computer networking
	• Ability to effectively lead and manage Multi Cultural Faculty members at an Academic Institution.
	• Good Communication and Interpersonal Skills
	• Good working experience in Intuitional and Academic Programs accreditation
	• Ability to conduct a scientific research in the field of ICT.

Educational Background

Multimedia University- Malaysia

2004 – 2009

Ph.D. in Computer Engineering
Thesis title: *Advanced Radio Resource Management Methods in Multi-Service Wireless Networks*

University Putra Malaysia

1999 – 2002

MSc. in Computer and Communication Engineering (CGPA: 3.42/4)
Thesis title: *Simulation of Internet Applications over General Packet Radio Service*

MSc. Degree courses studied:
Mobile and Satellite communications, High Speed Networks, Fiber Optical Communications, Telecommunication Networks, Data Communications, Microwave and Radio Frequency Communications, Multimedia Systems and Basic of Malay skills I

Omdurman Ahlia University – Sudan

1991 – 1995

Bachelor of Science in Applied Science and Computer (First Class)

EC Council University USA
Post Graduate Certificate in Ethical Hacking and Countermeasures

**Oct. 2021-
Dec. 2021**

Employment History

Community College of Qatar – State of Qatar   **August, 2019 to date**

Job title: Assistant Professor, Information Technology Department

Duties and Achievements
- Teaching undergraduate courses
- Preparing Lecture materials and Labs
- Setting and Marking exams
- Proctoring duties
- Lab Demos

Courses Taught

Wireless Networking, Advanced Networking, Network Operating Systems and Server Administration, MS Windows Server, Active Directory Services and Computing Fundamentals.

Other Responsibilities held
- Chair Recruitment Committee
- Member, IT Department Exam committee,
- Member, Academic Advising Sub Committee
- Member IT Department Scheduling Committee
- Member, IT Department Academic Committee
- Coordinator IT Department Quality Assurance committee
- Coordinator IT Department Text Book Committee
- Member Cybersecurity Program Review

College of Applied Sciences – Salalah, Oman   **September, 2018 to August, 2019**

Job title: Assistant Professor Information Technology Department

Duties and Achievements
- Taught a number undergraduate degree courses in IT Department
- Effectively supervised and taught practical Lab sessions for IT Courses.
- Advising students on academic matters.
- Coordinating for a number of course across the 6 Campuses of Colleges of Applied Sciences.

Courses Taught

Wireless Networking, Introduction to Routing and Switching, Internetworking and Network Technology.

Other Responsibilities

- Head, Quality Assurance team preparing accreditation document,

College of Applied Sciences – Salalah Campus, Oman   **Aug., 2015 to Aug., 2018**

Job title: Assistant Dean for Academic Affairs and Scientific Research

Duties and Achievements
- Overseeing and following up on the students' academic affairs
- Overseeing students' academic advising
- Coordinating with the academic departments regarding academic programs
- Coordinating with the other Colleges and departments regarding academic programs
- Making suggestions regarding classes and lecture timetables

- Organizing the procedures regarding the assessment of faculty members
- Encouraging and coordinating scientific research activities
- Considering the College's needs for faculty members and proffering opinion in this regard;
- Standing in for the Dean in case of his absence for any reason and with respect to the Dean's relevant terms of reference;
- Any other duties designated by the Dean.

Courses Taught

Wireless Networking and Network Technology.

Other Responsibilities

➢ Head, Final Exam committee,
➢ Head, Diploma Committee
➢ Head, Academic Advising Committee
➢ Head, Academic Staff needs committee
➢ Head, Scientific Research Committee
➢ Head, General Foundation Program Audit Committee
➢ Member Library Committee
➢ Member Quality Assurance committee
➢ Member of College Council

College of Applied Sciences – Salalah Campus, Oman	**Sept, 2013 to Aug., 2015**

Department of Information Technology
Job title: Head of Information Department

Duties and Achievements

Academic roles
- Teaching undergraduate degree courses in IT Department
- Supervising and teaching practical Lab sessions for IT Courses.
- Advising students on academic matters.
- Coordinating for a number of course across the 6 Campuses of Colleges of Applied Sciences
- Key member of IT Program review and development committee

Administrative Roles
- Overseeing Administrative Activities of IT Department.
- Overseeing the progress of work in the Department and proposing methods to develop its performance.
- Proposing the allocation of teaching loads to the faculty members.
- Ensuring the adoption of the best and most modern teaching methodologies in collaboration with different departments in the College.
- Identifying the Department's requirements (New Faculty needs, software etc.) for program implementation.
- Setting up, implementing, and evaluating the Department's annual plans.
- Developing the assessment processes adopted in the Department.
- Preparing an annual report regarding the progress of work in the Department and submitting it to the Assistant Dean for Academic Affairs and Scientific Research.
- Submitting the minutes of the Department Council meetings to the Assistant Dean for Academic Affairs and Scientific Research.
- Following up the progress of the students' academic counseling.
- Encouraging and developing scientific research in coordination with other departments.

- Proffering opinions regarding the number of faculty members and other staff in the Department.

- Making recommendations regarding research and consultation projects and contracts and recommending the community services the College provides.

- Implementing other councils' decisions relevant to the Department Council's terms of reference.

- Any other duties designated by the Dean or the Assistant Dean for Academic Affairs and Scientific Research.

Courses Taught
Computer Organization and Architecture, Network Security A, Wireless Networking, Network Technology and Networks 2

Other Responsibilities
- Member of Final Exam review committee
- Member IT Program review committee at Ministry of Higher Education Level.
- Community Development committee
- Member Recruitment Committee
- Member College Council

College of Applied Sciences – Ibri Campus, Oman **Sept., 2011 to Feb., 2013**
Department of Information Technology
Job title: Head of Information Department

Duties and Achievements

Academic roles
- Teaching undergraduate degree courses in IT Department
- Supervising and teaching practical Lab sessions in IT Courses.
- Advising students on academic matters.
- Coordinating for a number of course across the 6 Campuses of Colleges of Applied Sciences
- Key member of curriculum review and development committee

Administrative Roles
- Overseeing Administrative Activities of IT Department.

- Overseeing the progress of work in the Department and proposing methods to develop its performance.

- Proposing the allocation of teaching loads to the faculty members.

- Ensuring the adoption of the best and most modern teaching methodologies in collaboration with different departments in the College.

- Identifying the Department's requirements (New Faculty needs, software etc.) for program implementation.

- Setting up, implementing, and evaluating the Department's annual plans.

- Developing the assessment processes adopted in the Department.

- Preparing an annual report regarding the progress of work in the Department and submitting it to the Assistant Dean for Academic Affairs and Scientific Research.

- Submitting the minutes of the Department Council meetings to the Assistant Dean for Academic Affairs and Scientific Research.

- Following up the progress of the students' academic counseling.

- Encouraging and developing scientific research in coordination with other departments.

- Proffering opinions regarding the number of faculty members and other staff in the Department.

- Making recommendations regarding research and consultation projects and contracts and recommending the community services the College provides.

- Implementing other councils' decisions relevant to the Department Council's terms of reference.

- Any other duties designated by the Dean or the Assistant Dean for Academic Affairs and Scientific Research.

Courses Taught

Wireless Networking, Network Technology, Networks 2 and Introduction to Research Methods.

Other Responsibilities
- Final Exam review committee member,
- Member Community Development and Student Activities committee
- Member Recruitment Committee
- Head, Computer Networking program review committee across 6 Campuses

---

College of Applied Sciences - Ibri Campus, Oman   **Oct., 2007 – Aug., 2010**
Department of Information Technology
Job title: Lecturer/Assistant Professor

Duties and Achievements
- Taught a number of general Information Technology courses and Advanced course related to Computer Networks and Network Administration
- Supervised and taught a number practical Lab sessions
- Advised a number of students on academic related issues
- System wide coordinator in 6 CAS Colleges for the Wireless Networks course
- Key member of curriculum review and development committee

Courses Taught

Introduction to Computer Organization and Architecture, Wireless Networking, Network Technology, Networks 2, IT Fundamentals, Computer Skills, Advanced Computer Skills, Foundations of Digital Technology, Computer Networks, Principles of Information Systems and Introduction to Research Methods.

Other Responsibilities
- Final Exam review committee member at Department level,
- Lab infrastructure development committee member at Department,

---

Multimedia University, Malaysia   **Oct., 2003 – Sept., 2007**
Faculty of Engineering and Technology
Job title: Lecturer

Duties and Achievements
- Taught a number of Bachelor's degree courses for Computer/Telecommunications/Electronics Engineering Students
- Supervised and taught a number practical Lab sessions
- Supervised and directed over 50 final year projects
- Advised students on how to achieve academic success during their study period.
- Coordinated Communication I course between Melaka and Cyberjaya Campuses

Courses Taught
Introduction to Computer Organization and Architecture, Digital Communications and Telephony, Communication circuits, Communication I, Electromagnetic Compatibility, Data Communications and Computer Networks.

Other Responsibilities

- Member of the Industrial training committee
- Member of Engineering program Accreditation committee.

Sedaya International University College, Malaysia **Sept., 2001 – Aug., 2003**
School of Engineering and Information Technology
Job title: Lecturer

Duties and Achievements
- Taught a number of courses for Electronics and Communication Engineering Students
- Supervised and taught a number practical Lab sessions
- Supervised and directed over 20 final year projects

Courses Taught
Communication Circuits, Computer Networks, Physics for Scientists and Engineers, Microwave Circuits, Antenna Design, Waves and Modern Physics, Electromagnetic Compatibility, Data Communications, Advanced Network Analysis and Design, Microprocessor Systems.

Other Responsibilities
➢ Coordinated Communication Subsystem and Microwave Circuits course between Sedaya International University College, Malaysia and Northumbria University, New Castle, United Kingdom.

University Putra Malaysia **Nov., 2000 – Oct., 2001**
Faculty of Engineering
Department of Computer and Communication Engineering
Job title: Graduate Research Assistant

Duties and Achievements
- Taught tutorial classes, invigilated and graded exams, guided final year project students and worked on IRPA funded research project by Malaysian government that led to the award of my master's degree.

Celtel Cellular Uganda Limited (Now known as Airtel Uganda) **May, 1998 – Aug., 1999**
Job title: Network Engineer

Duties and Achievements
- Participated in the installation, configuration and commissioning of Cellular base stations for GSM 900 cellular Networks
- Used **TEMS (Test Mobile System) software** for analyzing cellular radio coverage and Cellular radio network planning
- Extracted Call statistics from Mobile Switch to help in analyzing call-blocking rates in Cellular network
- Managed **the OMC (Operations and Maintenance Centre)** to oversee the countrywide network performance and to identify technical problems in the network for timely maintenance.

Wilken Telecommunications Uganda Limited **Jan., 1996 – April, 1998**
Job title: Telecom Engineer

Duties
- My duties included installation, configuration and maintenance of both small and large scale ALCATEL PABXs
- Installation, configuration and maintenance VHF, HF and UHF Communication radios such as Barret, Motorola, Kachina and Codan
- Telephone cabling and structured cabling
- Project planning, management and documentation

Key Achievements
- Participated in the installation, configuration and commissioning of **ALCATEL 4300L PABX** for **Bank of Uganda Head Quarters** with more than 1000 telephone extensions **worth USD 800,000**
- Installation, configuration and of **ALCATEL 4400 PABX** with both wired and DECT extensions for **Kinyara Sugar Works,** Uganda worth USD 600,000
- Installation of ALCATEL 4300M PABX for **Lake Victoria Hotel Uganda.**

Professional Development

S/N	Name of Course	Training Institution	Venue	Duration
1.	**Leadership Development Course**	Creative People Solutions, Australia	Salalah CAS	**31st Jan. - 1st Feb., 2018**
2.	**CCNA 1 and CCNA2 for CISCO Academy Instructors**	Sultan Qaboos University, Oman	Sultan Qaboos University	**January, 2009**
3.	**Building High Performance Team**	ITS Pusat Pembangunan Sumber Manusia, Malaysia	Cassa Reccardo Resort, Port Dickson, Malaysia	**6th to 8th July, 2007**
4.	**Pedagogical Skills**	Sultan Idris Education University (UPSI), Malaysia	Multimedia University Melaka Campus	**9th-11th, August, 2006**
5.	**Effective Communication and Interpersonal Relationships**	ETD Makmur (M) Sdn Bhd, Malaysia	Multimedia University Melaka Campus	**29th -30th August, 2006**
6.	**CCNA Fast Track Training for Instructors**	CCNA Academy, Multimedia University, Malaysia	Multimedia University Melaka Campus	**April, 2005**
7.	**Base Station Subsystem (BSS) for GSM 900** systems	Siemens Network training School	Pretoria, South Africa	**March, 1999**
8.	**ALCATEL 4200 PABX Basic**	ALCATEL Training Centre	Nairobi, Kenya	**18th - 29th August 1997**

Technology/Computer Skills

OPNET Modeler: Used OPNET modeler extensively to develop algorithms related to Computer Network protocols

Used OPNET to build, model and simulate very complex Communication Networks such as **2G, 2.5G, 3G and 4G**

MATLAB/SIMULINK: Developed algorithms related signal processing, modulation/demodulation, source coding/decoding

PACKET TRACER: Used packet tracer extensively to build and configure **LANs, MANs, WANs, VLANs, VPN** networks.

Tested routing protocols such as **RIP, IGRP, EIGRP, OSPF, BGP, IS-IS** in Computer Networking

Assembly Language: Ability to write Assembly language programs for **Intel and Motorola processors**

Microwave Office: Developed and simulated high frequency circuits such as couplers, dividers, combiners, Oscillators and microstrip antennas

NS2/NS3 software: Used NS2 to test and simulate Computer Networking protocols such **TCP, UDP, CSMA/CD, CSMA/CA**

Electronic workbench: Designed and simulated electronic circuits before printing them on printed Circuits Boards (PCBs)

VMWare: Used virtual machines to install multiple operating systems such as windows server, windows clients and Linux on the same PC.

Windows server: Installed, managed windows server with complete implementation of **Active directory services, DNS server, DHCP server, group policies, disk management, NFTS file permissions, share permissions**

C/C++: Used C/C++ to write some basic computer programs

Linux: Ability to write basic scripts **in Linux**

Microsoft office: Advanced user of MS Packages such as Front page, Power point, Excel, word, Access

Adobe Photoshop: Ability to use adobe Photoshop for graphics

Administrative Experience

Assistant Dean for Academic Affairs and Scientific Research   **August, 23rd, 2015 – August, 2018**

Salalah College of Applied Sciences, Sultanate of Oman

Head of Information Technology Department   **September 2013 - 22nd August, 2015**

Salalah College of Applied Sciences, Sultanate of Oman

Head of section for Computer Networks and Network Security Majors   **March, 2013 – August, 2013**

Head of Information Technology Department   **February, 2011 – February, 2013**

Ibri College of Applied Sciences, Sultanate of Oman

Acting Head of Information Technology Department   **July, 2010 – January, 2011**

Ibri College of Applied Sciences, Sultanate of Oman

Research Funding

Research title	Funding Source	Duration
Advanced Radio Resource Allocation Schemes in Multi-Service Wireless Networks (Ph.D. Research, Multimedia University, Malaysia.	Internal Funding by Multimedia University	**2004-2009**
Simulation of General Packet Radio Service (GPRS), (Master's degree Research), University Putra Malaysia.	IRPA, Malaysian Government funding	**2000-2002**
Part of a team who worked on wireless ATM Testbed Development, University Putra Malaysia**.**	IRPA, Malaysia Government funding	**2000-2001**

Research Interests

Wireless Communication Networks, Satellite Communications, Microwave component Design, Antenna Design and High speed LANs, Network Protocol Development and Modeling

Organizational skills in professional Activities

Activity	Responsibility	Period
32nd IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), to be held in Oulu, Finland.	**Technical Program Committee**	**13th -16th Sept., 2021**
29th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), to be held in Bologna, Italy.	**Technical Program Committee**	**9th – 12th Sept., 2018**
28th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), held in Montreal, Canada.	**Technical Program Committee**	**8th – 10th Oct., 2017**
International Conference on Economic Development and Diversification (ICEDD), 2017, held in Salalah, Oman	**Chair, for Technical Committee**	**25th -26th April, 2017**
Symposium on Enhanced Technologies and Recent Trends in ICT, Salalah College of Applied Sciences, Oman	**Chair for Scientific Committee**	**20th -21st April, 2016**
27th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), held in Valencia, Spain	**Technical Program Committee**	**4th- 7th Sept., 2016**
25th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), held in Washington DC, USA	**Technical Program Committee**	**2nd – 5th Sept., 2014**
24rd IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), held in London, UK	**Technical Program Committee**	**9th -12th Sept., 2013**

23rd IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), held in Sydney, Australia	**Technical Program Committee**	**9th -12th Sept., 2012**
First International Conference on Information Technology (FICIT), organized by Sur College of Applied Sciences, Oman	**Technical Program Committee**	**May, 2012**
Multimedia University Symposium on Information and Communication Technologies (MUSIC), Multimedia University, Malaysia	**Reviewer**	**2005/2006/2007**
APT Tele-medicine workshop 2005, organized by Multimedia University, Malaysia.	**Reviewer**	**2005**
Journal of Applied Sciences (Wireless Networks area)	**Reviewer**	**2005-2007**

Thesis Examinations

I examined **Four PhD. and Three MSc**. Thesis for graduate students from Indian and Omani Institutions of Higher Learning between 2013 to 2019**.**

Invited talks

Delivered an invited talk at an International Conference in India on 2nd December 2015.

Keynote Speech

International Conference on Information Science and Renewable Energy Sources (ICISRES-2017), Namakhal, in India on 2nd to 3rd March, 2017.

Seminars/Workshops/Symposiums attended

S/N	Name Seminar/Workshop/Symposium	Venue	Period
1.	One Day Workshop on Leadership	Salalah CAS	**10th January, 2017**
2.	**Attended a Symposium on Enhanced Technologies and Recent Trends in ICT** Organized by Salalah College of Applied Sciences	Salalah CAS, Sultanate of Oman	**20th – 21st April, 2016**
3.	One Day Workshop on "**Student Centered Learning**", Organized by College of Applied Sciences, Salalah, Oman	Salalah CAS, Sultanate of Oman	**23rd Dec., 2013**
4.	**Symposium on Strategic plan for Colleges of Applied Sciences,** Organized by Ministry of Higher Education Oman	Crown Plaza, Muscat, Oman	**2nd - 3rd Oct., 2013**
5.	**MATLAB DAY 2006**", One Day Seminar organized by Techsource Malaysia	Sheraton Hotel Subang Jaya, Malaysia	**13th Oct., 2006**
6.	**Transform Your Research into Business Ventures**, One day seminar organized by MDC-NUDP, Malaysia	Multimedia University, Melaka Campus	**16th June, 2004**
7.	**3G/4G Key Technologies of Mobile Transmission**, Organized by Fujitsu Laboratories, Japan in Collaboration with Multimedia University	Multimedia University, Melaka Campus	**31ST Oct., 2003**
8.	One Day seminar on **WCDMA and Access Techniques**	University Putra Malaysia	**April, 2001**
9.	One Day seminar on **Challenges faced by Engineers**	University Putra	**Oct., 2000**

Language Proficiency

S/N	Language	Spoken	Writing	Reading
1.	English	Very Good	Very Good	Very Good
2.	Arabic	Very Good	Good	Good
3.	Swahili	Good	Good	Good
4.	Bahasa Malayu	Good	Good	Good

> **I completed TOEFL/TWE paper based English Language exam in May, 1998 and scored 577.**
> **I did General IELTS Computer based in August, 2020 and got overall score of 6.5.**

Hobbies

Jogging, playing badminton, Volunteering in Community based activities, reading and travelling.

Publications

Book Chapters

1. Z. I. Dafalla and Mayyada Harmosi, "**Enterprise Management Information Systems**, 2012.

Selected Journal Papers

2. **Z. I. Dafalla**, Jihad Alkhalaf Bani Younis and L. K. Wah, "**Design and Analysis of a Control System using Neural Network for Regulated Power Supply**", **Springer Journals**, Journal of Frontiers in Electrical and Electronic Engineering in China, vol. 6, no. 4, pp. 567-574, 2011.

3. **Z. I. Dafalla,** "**Multi-rate Power Control (MRPC) for Wireless CDMA**", International Journal of Advancements in Computing Technology, (IJACT), Korea, ISSN: 2005-8039 **(accepted).**

4. **Z. I. Dafalla** and C.S. Fong, **"Performance of Soft Handoff Effect on Downlink Power Control on CDMA Networks**", *Science International Journal*, vol. 19, no. 3, pp. 179-185, 2007.

5. **Z. I. Dafalla,** C. S. Fong and Andy L. L. Yen, "**On the Performance of Distributed Power Control Algorithm over Wireless CDMA**", *Journal of Applied Sciences*, Vol. 7, issue 21, pp. 3297-3301, 2007.

6. **Z. I. Dafalla** and M.B. R. Murthy, "**Performance study of Power Control Radio Resource Management over WLANs**", *Journal of Computer Sciences,* USA 4(3): 239-244, 2008.

7. **Zubeir I. Dafalla**, Borhannudin M. Ali, M. Hadi Habaebi and V. Prakash, **"Performance Evaluation of Internet Applications over GPRS**", *Cyberscape Journal*, Malaysia, vol.1, pp 13-18, 2002.

Selected Conference papers

8. Zubeir Izaruku Dafalla and Mayyada Harmosh, "**Analysis of Voice over Wi-Fi in a Wireless LAN with IEEE 802.11b Standard**". International conference on circuits, systems signal processing, communications and Computers, 15th -17th, March, 2014 Venice Italy.
9. Sadhasivam Subramanian, Zubeir Izaruku, Kalvina Rajendran and Andrews Samraj, "**Random Average Distribution Aided SVD Feature Selection and Interpretation for Touch less Robotic Control by Furtive Gestures**". CTIT Dubai 11th -12th December, 2013, HCT Dubai Women's College, UAE.
10. **Z. I Dafalla** and Mayyada Harmoshi, "**Comparative Performance Evaluation of Different TCP Derivatives over MANET**", 8th *Annual International Conference on Computer Science and Information Systems*, 13th - 16th June, 2012, Athens, Greece, ISSN: 2241-2891.

11. **Z. I. Dafalla**, S. Darwash and A. Amoree, "**Performance Evaluation of Load Balancing Algorithms in Computer Networks**", *First Joint Scientific Symposium of the Colleges of Applied Sciences in the Sultanate of Oman,* 12th - 13th of April, 2010, Sohar College of Applied Science, Oman.

12. **Z. I. Dafalla**, M. Abdoullah and S. Darwash, "**Performance Evaluation of Multimedia Traffic over TCP Protocols**", *National Conference of IT Keys for Business Intelligence Development (NCITKBID 2008),* 6th-7th May, 2008, Nizwa College of Applied Sciences, Nizwa, Sultanate of Oman.

13. **Z. I. Dafalla**, C. S. Fong, "**On the Convergence of Distributed Power Control Over Wireless CDMA**", *UNITEN Students Conference on Research and Development (SCORED) 2007,* 11th – 12th May, 2007, Admin Theatre, Universiti Tenaga Nasional, Kajang, Selangor, Malaysia.

14. **Z. I. Dafalla**, M.B.R. Murthy and S. C. Sudhakar, "**A soft Handoff Approach for Downlink Radio Resource Management Over Next Generation CDMA Networks**", *International Conference on Advanced Technologies on Telecommunications and Control Engineering (ATTCE 2006),* 28th - 29th Aug. 2006, INTI College, Nilai, Malaysia.

15. S. C. Sudhakar, M.B.R. Murthy and **Zubeir I. Dafalla**, "**Real Time Ethernet Controller for Web Based Data Acquisition and Monitoring**", *International Conference on Advanced Technologies on Telecommunications and Control Engineering (ATTCE 2006),* 28th - 29th Aug. 2006, INTI College, Nilai, Malaysia.

16. **Z. I. Dafalla**, Thomas C. T. Tan, M.B.R. Murthy and S. Clement, "**Radio Resource Management for WLANs through Power Control**" *Proceedings of 7th IEEE Malaysia International Conference on Communications*, (*MICC 2005)*, 16th- 18th, Nov., 2005, Berjaya Time Square Hotel and Convention Center, Kuala Lumpur, Malaysia.

17. **Z. I. Dafalla**, M.B.Ramamurthy, Hussein M. Aziz Basi, "**Performance of FTP Application over GPRS, A Case Study for a Business Enterprise**", *Proceedings of ICTM 2005*, 23rd - 25th May, 2005, Hotel Equatorial, Melaka, Malaysia.

18. **Z. I. Dafalla**, W. T. Y. Kuan, A. M. Abdel Rahman and S. C. Sudakar, "**Design of a Rectangular Microtrip Patch antenna at 1 GHz**", *Proceedings of IEEE RFM 2004,* 5th - 6th October, 2004, Hyatt Regency Saujana Hotel, Subang, Selangor, Malaysia.

19. **Z. I. Dafalla**, S. R. David, A. M. Abdel Rahman, "**Low Noise Amplifier Design for Leo Satellite Applications**", *Proceedings of IEEE ICTTA 2004*, 19th -23rd April, 2004, Omayyad Palace, Damascus Syria.

20. **Z. I. Dafalla**, Borhannudin Mohd. Ali, Mohammed Hadi Habaebi, Norkhamariah Nordin and V. Prakash, **"Performance of WWW services over GPRS"**, *Proceedings* of *World Engineering Congress (WEC 2002) conference*, 21st–25th July, 2002, Imperial Hall, Crown Square, Kuching, Sarawak, Malaysia.

21. **Z. I. Dafalla**, Borhannudin Mohd. Ali, S. Khatun and A. Gashim El Sid, "**Performance Evaluation of Service Applications over GPRS**", *Proceedings of IEEE MICC 2001*, 21st -23rd October, 2001, J.W. Marriot Hotel, Kuala Lumpur, Malaysia.

22. K. El Tahr, **Z. I. Dafalla**, Borhannudin Mohd. Ali, S. Khatun," **Comparative Study of Exponential and Constant Call Arrival Times over Wireless Networks**", *Proceedings of IEEE MICC*, 21st –23rd October, 2001, J.W. Marriot Hotel, Kuala Lumpur, Malaysia.

References

1. **Dr. Gerald Wanjala**
   Assistant Professor,
   Sultan Qaboos University,
   Faculty of Science,
   Department of Mathematics and Statistics,
   P.O. Box 36, Al Khoud Post code 123,
   Sultanate of Oman.
   Tel: +96892649015
   E_mail: wanjalag@yahoo.com

2. **Prof. Dr. Borhanuddin Mohd. Ali,**
   Faculty of Engineering,

Department of Computer and Communication Engineering
University Putra Malaysia,
43400 Serdang, Selangor Darul Ehsan, Malaysia
Tel: +60123963335
E-mail: borhan@eng.upm.edu.my or borhan@hotmail.com

---

3. **Professor Andrews Samraj**
   School of Computing and Engineering,
   VIT University, Chennai-48, India
   Tel: +91 8903920542 (Mobile)
   E-Mail: andrews.s@vit.ac.in (Official)
   andrewsmalacca@gmail.com (Personal)

Personal Details

Nationality: Ugandan

Marital status: Married.

Permanent Address: Mukono, Uganda.