CURRICULUM VITAE TEMPLATE

Position/Designation: Lecturer
Department: Department of Mathematical and Physical Sciences(DMPS)
College: College of Art and Sciences
University of Nizwa, Sultanate of Oman

Personal Information
Name: Ravindra Ratilal Dharamshi Marital Status: married Email Address: ravindra@unizwa.edu.om Contact Numbers: 94511512
Academic Qualifications
M.Sc. Computers Currently pursuing a PhD. in Computer Science.
Teaching Activities, Current/Previous Experience
26+ years Programming: C, C++, Java, OpenGL, Visual Programming, Database Application. Web Application: HTML, JavaScript, CSS, Flash Action Script, Flash, Dream Weaver. E-learning - Interactive & Development: Adobe E-learning Suite - Captivate. Networking: Network Technology & its Application. Subjects Knowledge IT Application, Introduction to Algorithms, Multimedia System and Design, Database Management, Visual Programming, Java Programming, Computer Graphics, Internet Technology, Data Structure, Algorithms and Analysis, Network Technology, Network Security, Operating System, e-learning development, Interactive Multimedia, Game Design & Development, Web Design, and Development. Current Research Interest: Virtual Reality, Augmented Reality, IoT, ELearning and Data Science.
Research Activities
(includes but not limited to research interests, conference attendance, conference presentations and publications: refereed journal, articles, books, etc.)
 Research Interests: Virtual Augmented Reality Development E-learning - Interactive Multimedia Program & Development Big Data Analysis. (IoT) - Internet of Things.

Conference Presentations:
12th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT), Brno, Czech Republic, 2020.

International Conference on Communications, Computing, Cybersecurity, and Informatics (CCCI), Sharjah, United Arab Emirates, 2020.

Symposium – Paper Presentation
The University of Technology and Applied Sciences, CAS Nizwa, Date:15 -16 Dec 2020
Higher Education & Industry Symposium: Bolstering Connections Towards Oman 2040"
Assessment of government employability skills in Oman"
Title: "ASSESS THE REQUIRED EMPLOYABILITY SKILLS OF OMANI JOB MARKET TO MEET THE SKILLSET REQUIRED FOR THE 4TH INDUSTRIAL REVOLUTION IN OMAN"

Title: Virtual Learning Methodology - Changing the Face of Education.
Al Musanna College of Technology, Sultanate of Oman
Symposium on Best Practices in Teaching and Learning 2012

Title: Mobile Technologies – New Bandwidth in teaching and learning resources.
For Symposium On "Industry - Academia Collaboration for Technological Innovation"
Presented at Nizwa College of Technology, Sultanate of Oman 2012.

Title:- Diversity in Faculty-Challenges to Work Ethics
(An Evaluation Perceptions of Faculty in College of Applied Sciences, Nizwa)
Symposium on Work Ethics - Reality and Expectations at the Nizwa Colleges of Applied Sciences in the Sultanate of Oman. 2011

Title: Technique of multimedia in creation of various digital applications.
First Joint Scientific Conference of the Colleges of Applied Sciences in the Sultanate of Oman. 2010.

Conference Attendance:

Publications:
Implementation of Augmented Reality and Drones to Serve Smart Cities - Volume 1, Issue 4, pp 147-157, October 2021, https://doi.org/10.52098/airdj.202144, ISSN: 2788-9696.

Multi-Level Edge Computing System Architecture For V2X Technology. ICUMT 2020: 318-324
https://ieeexplore.ieee.org/document/9222430

A Smart System Based on Digital Object Architecture to Verify the Diploma Certificates. CCCI 2020: 1-5, https://ieeexplore.ieee.org/abstract/document/9256512

Seminar/Workshop Presentations:
Title: 3D interaction systems and instrument gears of VE/VR/AR/MR
Workshop: CAS/DMPS/Computer Science Section, University of Nizwa, 25 April 2017

Title: Google Educational Apps via Digital Applications
Workshop: CAS/DMPS/Computer Science Section, University of Nizwa, 28 November 2017

Title: Instructional Course Content Designed for Educator and Learner.
Workshop: CAS/DMPS/Computer Science Section, University of Nizwa, 21 March 2018

Title: TurnITin Tool for Author and Student.
Workshop: CAS/DMPS/Computer Science Section, University of Nizwa, 5 April 2018

Title: GANA MEDICAL CENTER- Online Appointing System.
Final Year Projects, 8th National Symposium on Engineering, University of Nizwa, 2 May 2018

Drama Festival, 2018, College of Arts & Sciences, University of Nizwa
https://www.academia.edu/41924463/Drama_Festival_2018_College_of_Arts_and_Sciences
University of Nizwa,3 May 2018

Title:Impacts of AI - Artificial Intelligence on several technological fields in the future world
CAS/DMPS/Computer Science Section, University of Nizwa, 8 Nov 2018

Title:WordPress as CMS with Open Source Tool for web content creation.
CAS/DMPS/Computer Science Section, University of Nizwa, 28 Feb 2019

Title: Insight Perspective on Android Technology as Mobile Operating System with its Architecture
and Application Framework.
Cultural Activity 2019 - CAS/DMPS/Computer Science Section, University of Nizwa, 17 Mar 2019

Title: Researcher usage Mendeley tool for effectively generating References and Bibliography.
Workshop: CAS/DMPS/Computer Science Section, University of Nizwa, 30 Sept 2019

Title: Interactive online instruction trends using a digital whiteboard.
WEBINAR/WORKSHOP: CAS/DMPS/Computer Science Section, University of Nizwa,18 NOV 2020

Title: Augmented Reality superimposes user experience
WEBINAR/WORKSHOP: CAS/DMPS/Computer Science Section, University of Nizwa, 28 OCT 2021

Faculty Administrative Experience

E-learning Committee (DMPS representatives at CAS college)
Risk Management Committee/College, Risk Management Officer (DMPS representatives at CAS
college)
Academic Advising Committee
CAS Media and Webpage Committee (2018- up to Aug2021)
QUALITY TEACHING AND LEARNING MANAGEMENT SYSTEM (QTLMS): Committee (2018-
up to Aug2021)
Cultural Season Committee
Challenge Exam Committee

Community Services

UoN- Ishraqah, The creative pens contributions participation in its monthly issued magazine.
Title: Soft Skills and its Important, 2021

Course Coordinator - Computer Skills, Summer Semester 2019, 2020

Cultural Season Committee:
UON 17th CULTURAL SEASON - CAS CULTURAL DAY PROGRAM
CAS/DMPS/Computer Science Section
Activity Name
"Search Engine for Universities around the world in your hands"
"VELOX, An Emergency Roadside Assistance Mobile Application"

UON 16th CULTURAL SEASON - CAS CULTURAL DAY PROGRAM
CAS/DMPS/Computer Science Section
Activity Name
2D/3D- Blender Animation
Mobile APP - on Student GPA Calculator & decimal to binary system
Homestyler Program

UON 15th CULTURAL SEASON - CAS CULTURAL DAY PROGRAM
CAS/DMPS/Computer Science Section
Manage and Participate in various Cultural activities as below.
Six (6) Poster displays.
Five (5) Project work displays.
Three (3) Presentations.

Training Committee
Student skills development committee
Computer Science Section (Convener)
Risk Management Committee (Convener)
E-Learning Committee - CAS Board

Consultancy

Reviewers -IEEE –
International Conference on Future Networks and Distributed Systems (ICFNDS '20).
Supervising and counseling students on academic development to their theoretical / practical activities and personal growth.

Membership in Professional Bodies

Awards and Recognitions

The 8th Oman Collegiate Programming Contest (OCPC2021), "International Collegiate Programming Contest (ICPC)," (ICPC2021)

The University of Nizwa, CAS/DMPS/Computer Science three (3) teams participated in the event of "The 8th Oman Collegiate Programming Contest (OCPC2021)," which had taken place in Sultan Qaboos University on Saturday 5-6/November/2021.   5-6 November 2021.