

# Curriculum Vitae

Dr. Muhammad Sarfraz  
(Professor)

Department of Information Science  
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Kuwait

# Curriculum Vitae

## Personal Details

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**URL** <http://www.cfw.kuniv.edu/dep/ISC/isc-fac-sarfraz.html>

## Record of Academic Accomplishments

Years	Degree	Institution	Subject
1988-91	Ph.D.	Brunel University, UK.	Computer Graphics
1986-88	M.Sc.	Brunel University, UK.	Numerical Analysis
1977-79	M.Sc.	Punjab University, Pakistan.	Mathematics
1975-77	B.Sc.	Govt. College, Lahore, Pakistan.	Mathematics / Statistics

## Employment History

Years	Position	Institution
2007-date	Professor	Department of Information Science, Kuwait University, Kuwait.
May. 31, 2018- May. 31, 2019	Director Master of Science in Information Technology	Department of Information Science, Kuwait University, Kuwait.
Mar. 31, 2013- Aug. 31, 2018	V. Dean of Research and Graduate Studies	College of Computing Sciences and Engineering, Kuwait University, Kuwait.
May 06-12, 2013 Aug. 14-21, 2013	Acting Dean	College of Computing Sciences and Engineering, Kuwait University, Kuwait.
May 02, 2012- Apr. 09, 2013	Acting Chaiman	Department of Information Science, Kuwait University, Kuwait.
Jan. 12-Feb. 03, 2017	Visiting Professor	Lahore College for Woment University, Pakistan
2007-date	Adjunct Professor	COMSATS Institute of Information Technology, Pakistan.
2005-2008	Professor	King Fahd University of Petroleum & Minerals, Saudi Arabia.
2000-2005	Associate Professor	King Fahd University of Petroleum & Minerals, Saudi Arabia.

1994-2000	Assistant Professor	King Fahd University of Petroleum & Minerals, Saudi Arabia.
1995-1998	Senior Research Fellow	De Montfort University, U.K.
1991-1994	Visiting Professor	S.A.H. Institute of Computer Science, Pakistan.
1991-2000	Assistant Professor	Punjab University, Pakistan.
1983-1991	Lecturer	Punjab University, Pakistan.
1981-1983	Lecturer	University of Engg. & Technology, Pakistan

## Professional Consultancy

Dates	Agency	Project
Jan. 12-Feb. 03, 2017	Ministry of Federal Education and Professional Training (National Talent Pool), Pakistan	Enhance the research profile in the area of Computer Graphics, Image Processing, Computer Vision, Pattern Recognition in Lahore College for Women University, Pakistan.
2007 – up to date	COMSATS Institute of Information Technology, Abbottabad, Pakistan	Enhance the research profile in the area of Computer Graphics, Image Processing, Computer Vision, Pattern Recognition.
2006-2007	Department of Information and Computer Science, King Fahd University of Petroleum and Minerals, Saudi Arabia.	Research Project # JF-2006/02, "A Fuzzy-Logic Trust Model for Peer-to-Peer Based Systems".
2005-2006	Department of Information and Computer Science, King Fahd University of Petroleum and Minerals, Saudi Arabia.	Research Project # JF-2005/07, "Investigating Design Quality Characteristics for Refactoring and Refactoring to Patterns Using Software Metrics", ,
1995-1997	Department of Computer and Information Sciences, De Montfort University, UK	Enhance the research profile in the area of Computer Graphics.
1996 – up to date	University Sains Malaysia, Malaysia	Enhance the research profile in the area of Computer Aided Geometric Design.
1994	Department of Computer Science at Punjab University, Lahore, Pakistan	Member of Scientific Council for consultation on the issues of curricula, examination policies, affiliation of institutes, etc.

## Administrative and Public Services

Status	Committee	Level	Date	Remarks
Board Member	IEEE Kuwait Section	IEEE	2017-Date	Professional Activities Committee
Director	Master of Science in Information Technology	Department of Information Science,	2018-2020	Managing all the issues related to MSIT Program. Assisting to manage departmental issues related to graduate studies including offering of courses.

		Kuwait University, Kuwait.		Text Books, Theses & Project supervisions, conducting Comprehensive Exams, Revision of Program, etc.
Member	Research & Graduate Studies Committee	Department of Information Science, Kuwait University, Kuwait.	2019-2020	Promote research activities in the department, Provide faculty with needed material and/or consultation on issues related to research proposals, Update research laboratories with latest equipment from time to time, Check the completeness of research grant applications prior to submission, Follow up on submitted research projects and check their final status, Carry out any research-related tasks assigned by the department chairman. Assisting to manage departmental issues related to graduate studies and launching new graduate program(s).
Member	Research and Graduate Studies Committee	Department of Information Science, Kuwait University, Kuwait.	2019-2020	Managing all the departmental issues related to research. Assisting to manage departmental issues related to graduate studies and launching a new graduate program.
Chair	Research and Graduate Studies Committee	Department of Information Science, Kuwait University, Kuwait.	2018-2019 2012-2013	Managing all the departmental issues related to research. Assisting to manage departmental issues related to graduate studies and launching a new graduate program.
Chair	Comprehensive Exam Committee, MSIT Program	Department of Information Science, Kuwait University, Kuwait.	2018-2020	Preparing and evaluating Comprehensive written Exam as well giving Oral Exam to Master of Science in Information Technology (MSIT) students.
Member	ISC Department Scholarship Committee	Department of Information Science, Kuwait University, Kuwait.	2018-2020 2010-2012	Managing all the issues related to Scholarships awarded or to be awarded by the ISC Dept.
Member	Master of Science in Computing Information Systems	Department of Information Science, Kuwait University, Kuwait.	2018-2020	Managing all the issues related to MSCIS Program. Assisting to manage departmental issues related to graduate studies including offering of courses, Text Books, Theses & Project supervisions, conducting Comprehensive Exams, Revision of Program, etc.
Chair	ISC Department Promotion Committee	College of Life Sciences, Kuwait University, Kuwait.	2019-2020	Managing all the issues related to Promotions of the ISC Department faculty.
Member	CDS Department Promotion Committee	College of Life Sciences, Kuwait University, Kuwait.	2019-2020	Managing all the issues related to Promotions of the CDS Department faculty.
Member	CCSE Advisory Committee for Graduate Studies	College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2018-2019	Managing, advising and helping for the overall issues on Graduate Studies in the College.
Member	CLS Advisory Committee for Recruitment,	College of Life Sciences, Kuwait University, Kuwait.	2017-2019	Advising and helping the College for a new appointments contract renewal & promotion cases.

	Contract Renewal & Promotion			
Member	ISC Department Promotion Committee	College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2014-2019	Managing all the issues related to Promotion of the ISC faculty.
Member	ETM Department Promotion Committee	College of Life Sciences, Kuwait University, Kuwait.	2017-2019	Managing all the issues related to Promotions of the ETM Department faculty.
Member	FSC Department Promotion Committee	College of Life Sciences, Kuwait University, Kuwait.	2018-2019 2011-2013	Managing all the issues related to Promotions of the FSC Department faculty.
Member	Appointment and Contract Renewal Committee	Department of Information Science, Kuwait University, Kuwait.	2018-2019	Managing all the issues related to new appointments of Faculty & Teaching Assistants and contract renewal of the ISC faculty.
Adhoc Member	University Council	Kuwait University, Kuwait.	2016-2017	Advising and helping the overall issues in the University.
Member	Academic Council	Kuwait University, Kuwait.	2012-2018	Advising and helping the overall Academic issues in the University.
Member	Scholarship Committee	Kuwait University, Kuwait.	2012-2018	Advising and helping the overall scholarship issues in the University.
Member	Funding Committee	Kuwait University, Kuwait.	2013-2018	Advising and helping the overall funding issues for the research projects in the University.
Member	Graduate Committee	Kuwait University, Kuwait.	2013-2018	Advising and helping the overall issues for the graduate studies in the University.
Member	Graduate Award Committee	Kuwait University, Kuwait.	2013-2018	Evaluating the Awards for the Master and PhD Students Research Work in the University.
Member	MS Information Technology Self-Evaluation Report Committee	Department of Information Science, Kuwait University, Kuwait.	2017-2018	Preparing MS Information Technology Self-Evaluation Report for the Department of Information Science, Kuwait University, Kuwait
Member	Committee for the selection of Chair for the Department of Environment Technology Management	Kuwait University, Kuwait.	May 2017	Selection of Chair for the Department of Environment Technology Management, Kuwait University, Kuwait
Chair	KU Poster Day 2014	Kuwait University, Kuwait.	2013-2014	Publicizing the KU Poster Day 2014. Formulating the committee and evaluating the Awards for the Science and

				Engineering faculty of the University.
Member	College Council	College of Computing Sciences and Engineering, Kuwait University, Kuwait.	2012-2018	Advising and helping the overall College issues.
Member	CCSE Special Advisory Committee for Promotion	College of Computing Sciences and Engineering, Kuwait University, Kuwait.	2017-2018	Advising and helping the College for a promotion case.
Chair	CCSE Advisory Committee for Research and Awards	College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2013-2018	Managing, advising and helping for the overall issues on Research and Awards in the College including the evaluation of Awards for Excellence Research and Excellence in Teaching.
Chair	CCSE Advisory Committee for Graduate Studies	College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2013-2018	Managing, advising and helping for the overall issues on Graduate Studies in the College.
Chair	CCSE Advisory Committee for Scholarships	College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2013-2018	Managing, advising and helping for the overall issues on Scholarships in the College.
Chair	Research Committee	Department of Information Science, Kuwait University, Kuwait.	2016-2018	Promote research activities in the department, Provide faculty with needed material and/or consultation on issues related to research proposals, Update research laboratories with latest equipment from time to time. Check the completeness of research grant applications prior to submission, Follow up on submitted research projects and check their final status, Carry out any research-related tasks assigned by the department chairman
Member	Comprehensive Exam Committee, MSIT Program	Department of Information Science, Kuwait University, Kuwait.	2014-2018	Preparing and evaluating Comprehensive written Exam as well giving Oral Exam to Master of Science in Information Technology (MSIT) students.
Member	CS Department Promotion Committee	College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2017-2018	Managing all the issues related to Promotion of the ISC faculty.
Member	Advisory Committee for selection of Chair of	College of Computing Science & Engineering,	2016-2017	Managing all the issues including Criteria Formation, Interviews, polling, selection,

	Environment Technology Department	Kuwait University, Kuwait.		for the Environment Technology Department Chairman.
Chair	CCSE Advisory Committee for Staff Employment	College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2013-2016	Managing, advising and helping for the overall issues on Staff Employment in the College.
Chair	ISC Department Promotion Committee	College for Women / College of Computing Sciences & Engineering, Kuwait University, Kuwait.	2009-2012 /2011-2012/2013-2014	Managing all the issues related to Promotion of the ISC faculty.
Member	College Council	College for Women, Kuwait University, Kuwait.	2008-2013	Advising and helping the overall College issues.
Member	CCSE Advisory Committee for selection of Chair of Computer Engineering Department	College of Computing Science & Engineering, Kuwait University, Kuwait.	2011-2012	Managing all the issues including Criteria Formation, Interviews, polling, selection, for the formulation of Computer Engineering Department Chairman.
Member	CCSE Advisory Committee for Teaching Award	College of Computing Science & Engineering, Kuwait University, Kuwait.	2011-2012	Managing all the College issues related to Teaching Awards.
Member	CFW Advisory Committee for Teaching Award	College for Women, Kuwait University, Kuwait.	2011-2012	Coordinating and managing all the College issues related to Teaching Awards.
Chair	ETM Department Promotion Committee	College for Women, Kuwait University, Kuwait.	2009-2013	Managing all the issues related to Promotions of the ETM Department faculty.
Chair	ISC Department Portfolio Committee	Department of Information Science, Kuwait University, Kuwait.	2010-2012	Coordinating the Portfolios and related issues in the ISC Dept.
Member	CFW Grievance Committee	College for Women, Kuwait University, Kuwait.	2011-2012	R-evaluatiing Portfolio Course ISC 088 for a student
Chair	ISC Department Scholarship Committee	Department of Information Science, Kuwait University, Kuwait.	2012-2013	Managing all the issues related to Scholarships awarded or to be awarded by the ISC Dept.
Chair	Appointment and Contract Renewal Committee	Department of Information Science, Kuwait University, Kuwait.	2012-2013	Managing all the issues related to new appointments of Faculty & Teaching Assistants and contract renewal of the ISC faculty.

Member	Assessment & Continuous Improvement Committee	Department of Information Science, Kuwait University, Kuwait.	2012-2013	Managing all the issues related to Faculty Assessment & Continuous Improvement in the ISC Department.
Member	AAD Department Promotion Committee	Department of Art & Design, Kuwait University, Kuwait.	2011-2013	Managing all the issues related to Scholarships awarded or to be awarded by the AAD Dept.
Member	AAD (Art & Design) Department Scholarship Committee	College for Women, Kuwait University, Kuwait.	2010-2013	Managing all the issues related to Scholarships awarded or to be awarded by the AAD Dept.
Member	Scientific Committee / Curriculum Committee	Department of Information Science, Kuwait University, Kuwait.	2007-2008, 2009-2012	Assisting to manage departmental issues related to update of BSc ICS Program, introducing new courses, approving the course books, etc.
Member	ISC Department Promotion and Contract Renewal Committee	College for Women, Kuwait University, Kuwait.	2007-2009 2011-2012	Managing all the issues related to Promotion and contract renewal of the ISC faculty.
Member	AAD Department Scientific Committee	Department of Art & Design, Kuwait University, Kuwait.	2010-2012	Managing all the issues related to scientific issues of the AAD Dept.
Chair	CFW Advisory Committee for Teaching Award	College for Women, Kuwait University, Kuwait.	2009-2011	Managing all the College issues related to Teaching Awards.
Member	CFW Advisory Committee for Recruitment, Contract Renewal & Promotion	College for Women, Kuwait University, Kuwait.	2009-2011	Managing all the issues related to Recruitment, Contract Renewal & Promotion of the college faculty.
Member	ISC Department Strategic Planning Committee	Department of Information Science, Kuwait University, Kuwait.	2010-2011	Planning the issues like moving to a new college, new curriculum, coordinating with other departments like MIS and QMIM, Offering MSc Program, ABET preparation, etc.
Member	ISC Social and Public Seminar Committee	Department of Information Science, Kuwait University, Kuwait.	2009-2011	Organizing social activities, activity plan, social events, departmental, Social/Public seminars, workshops, and symposia. Establish liaison with the local industries, user agencies, and community at large, Infotech Magazine, Short Term Training Courses, Technical Reports
Member	Research Committee	Department of Information Science, Kuwait University, Kuwait.	2009-2011	Managing all the departmental issues related to research.

Chairman	Scientific Committee	Department of Information Science, Kuwait University, Kuwait.	2008-2009	Assisting to manage departmental issues related to update of BSc ICS Program, introducing new courses, approving the course books, etc.
Member	Committee for the Chairmanship of Family Science Department	College for Women, Kuwait University, Kuwait.	2009-2010	Assisting to review Chairmanship.
Member	Graduate Committee	Department of Information Science, Kuwait University, Kuwait.	2007-2011	Assisting to manage departmental issues related to graduate studies and launching a new graduate program. Organizing an international conference, etc.
Member	Library Committee	Department of Information Science, Kuwait University, Kuwait.	2009-2011	Managing all the departmental library issues as well as Text books.
Chairman	Library Committee	Department of Information Science, Kuwait University, Kuwait.	2007-2009	Managing all the departmental library issues as well as Text books.
Member	Laboratory Committee	Department of Information Science, Kuwait University, Kuwait.	2009-2010	Assisting to manage Departmental Lab issues like Lab Manuals, Lab rules, etc.
Member	Scientific Committee	Department of Art & Design, Kuwait University, Kuwait.	2009-2010	Assisting to manage departmental issues related to update of BSc Program, introducing new courses, approving the course books, etc.
Member	Scholarship Committee for the Family Sciences Department	College for Women, Kuwait University, Kuwait.	2008-2009	Receiving, processing and selecting scholars who are eligible for scholarship outside the country.
Member	Scholarship Committee for the Information Science Department	Kuwait University, Kuwait.	2008-2009	Receiving, processing and selecting scholars who are eligible for scholarship outside the country.
Chairman	Research Committee	Department of Information Science, Kuwait University, Kuwait.	2007-2009	Managing all the departmental issues related to research.
Chairman	Portfolio Committee	College for Women, Kuwait University, Kuwait.	2007-2009	Coordinating the final evaluation of Portfolios of the college Students.
Member	Portfolio Committee	College for Women, Kuwait University, Kuwait.	2007-2008	Final evaluation of Portfolios of the college Students.

Member	Portfolio Committee	Department of Art & Design, Kuwait University, Kuwait.	2007-2010	Evaluation of Portfolios of the AAD Dept, Students.
Member	Portfolio Committee	Department of Information Science, Kuwait University, Kuwait.	2007-2010	Assisting to manage departmental issues related to Portfolio of ISC Students.
Member	ISC Faculty Recruitment Committee	College for Women, Kuwait University, Kuwait.	2007-2009	Assisting to manage departmental issues related to hiring new faculty for the ISC Department.
Member	ISC Faculty Promotion and Contract renewing Committee	College for Women, Kuwait University, Kuwait.	2007-2009	Assisting to manage departmental issues related to renewing of the contracts as well as Promotion of the ISC Department faculty.
Member	Industrial Advisory Board	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2006-2008	The main goal of this board is to help the department to successfully accomplish its mission and to continuously improve the quality of its graduates so as to meet current and future needs of the Kingdom.
Chairman	PhD & MSc Joint Program Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2005-2007	Coordinating comprehensive exam, Handling PhD and MS applications for the joint programs, Coordinate ICS/COE as well as CSE Offerings, Preparing a "Policies and Procedures" document that will be used as a reference document for PhD students, Update of the current PhD program.
Chairman	Research Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2005-2006 2000-2004 1998-1999 1997-1998	Managing all the departmental issues related to research.
Member	Research Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2004-2005 1999-2000 1996-1997	Participation in the management of the departmental issues related to research

Chairman/ Member	Faculty Promotion Committee	King Fahd University of Petroleum & Minerals, Saudi Arabia.	2005-date	
Chairman/ Member	Faculty Promotion Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2005-date	
Chairman	Graduate Program Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2003-2004	Working on successful promotion of the college graduate program. Planning for hiring of the graduates including RAs, Gas, and Lecturer-Bs for King Fahd University of Petroleum & Minerals, Saudi Arabia.
Member	Faculty Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2004-2007	Working on the affairs related to the betterment of faculty at the College of Computer Sciences and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.
Member	Promotion Committee	King Fahd University of Petroleum & Minerals, Saudi Arabia.	2004-2005	Working for the evaluation of promotions of the faculty in King Fahd University of Petroleum & Minerals, Saudi Arabia.
Invited Member	Adhoc Committee for establishing Center on Arabization	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2002-2003	Designing a proposal for establishing a Center on Arabization in the King Fahd University of Petroleum & Minerals, Saudi Arabia.
Member	Strategic Planning Committee	King Fahd University of Petroleum & Minerals, Saudi Arabia.	2003	Developing 20 years strategic plan for King Fahd University of Petroleum & Minerals, Saudi Arabia.
Member	KFUPM Research Committee	King Fahd University of Petroleum &	2001-2002	Managing all the university research issues related to research projects, conferences, Booo writing, sabbatical, etc.

		Minerals, Saudi Arabia.		
Member	KFUPM Research SubCommittee for Internally Funded Research, Book-writing and Sabbatical Leave Projects	King Fahd University of Petroleum & Minerals, Saudi Arabia.	2001-2002	Assist to manage external funding projects of the university
Chairman	Planning & Budget Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2001-2003	Planning and Budging of the College.
Member	Planning Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2001-2003	Planning and implementation of the policies at the College level.
Member	Planning Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2005-2006 1999-2003	Planning and implementation of the policies at the Department level.
Member	Research Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2000-01	
Liaison	Graduate Recruitment	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1999-2000	

Deputy Chairman	An Ad-hoc Committee on ICS202/ICS353 Content Design	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2002-2003	Designing two courses ICS 202 and ICS 353 according to the new CC2001 and CSAB guidelines
Member	Management Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1999-2000	To organize an International Conference in 2001
Chairman	Technical Reports Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	since 1996	
Member	Technical Reports Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1995-96	
Member	Graduate Programs-Promotion Committee	College of Computer Science and Engineering, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1999-2000	
Vice Chairman	WICS'2002 Program Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	2000-2002	The KFUPM Workshop on Information & Computer Science
Member	WICS'2000 Program Committee	Department of Information &	1999-2000	The KFUPM Workshop on Information & Computer Science

		Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.		
Member	WICS'98 Management Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1997-1998	The KFUPM Workshop on Information & Computer Science
Member	WICS'97 Management Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1996-1997	The KFUPM Workshop on Information & Computer Science
Chairman	Basic Courses Ad- hoc Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1997-1998	
Member	ABET evaluation Committee for Computer Science Program	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1995-96	
Member	Ad-Hoc Committee on Distinguished Award "Excellence in Advising"	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1995-1996	
Member	Ad-Hoc Committee on Distinguished Award "Excellence in Teaching"	Department of Information & Computer Science, King Fahd	1996-1997	

		University of Petroleum & Minerals, Saudi Arabia.		
Chairman	Research and Faculty Search Committee	Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.	1994-95	
Member	Board of Studies	Department of Computer Science, Punjab University, Pakistan.	1992-94	
Member	Board of Studies	Department of Mathematics, Punjab University, Pakistan.	1983-94	
Secretary	Academic Staff	Department of Mathematics, Punjab University, Pakistan.	1983-86	
Advisor	Graduate Students	Department of Mathematics, Punjab University, Pakistan.	1991-94	

## Professional Memberships

Position	Organization	Years
Member	IEEE	since 2000
Member	IEEE Computer Society	since 1993
Member	IEEE Computer Society, Kuwait Section	since 2018
Member	ACM (Association of Computing)	since 1995
Member	Special Interest Group on Artificial Intelligence (ACM)	since 1995
Member	Pattern Recognition Society	since 2000
Member of Steering Committee	The International Congress for Global Science and Technolog	since 2004
Member	International Association of Engineers (IAENG)	Since 2017
Member	International Federation of Automatic Control (IFAC)	Since 2018
Member	Institute for Systems and Technologies of Information, Control and Communication (INSTICC)	Since 2018

Member	SAVE	2017
Member	New York Academy of Science	1995-98
Life Member	Punjab Mathematical Society	since 1983
Member	European Association for Computer Graphics	1992-98
Member	American Mathematical Society	1993 - 2004
Member	International Information Technology Society (IITS)	since 2004
Member	International Association of Science and Technology for Development (IASTED)	1995-98
Member	International Society for Computers and Their Applications (ISCA)	since 2002
Life Member	International Society of Statistical Sciences (ISOSS)	since 1994
Member	Information Visualisation Society	since 1999
Publication Officer	Information Visualisation Society	1999-2001
Associate Member	Computer Graphics & Modelling Research Group, Department Of Computer And Information Sciences, De Montfort University, UK	Since 1995
Member	The Peer Review Committee, Higher Education Commission, Pakistan.	since 2004
Senior Member	International Association of Computer Science and Information Technology (IACSIT).	since 2011
Member	The Society of Digital Information and Wireless Communications (SDIWC).	since 2011
Senior Member	International Research Association of Information and Computer Science (IRAICS).	since 2011
Member	International Association of Engineers (IAENG)	Since 2017

## Taught Courses

Year	Term	Course #	Course Name	Level	Remarks
<b><i>Kuwait University, Kuwait</i></b>					
2019/20	Summer			UnderGrad	
	Spring	MSIT 502	Information Technology Management	Graduate	
		CGS 501	Scientific Writing and Comm. Skills	Graduate	
	Fall	MSIT 500	Introduction to Information Technology	Graduate	
MSCIS 574		Data Visualization	Graduate		
2018/19	Summer			UnderGrad	
	Spring	MSIT 502	Information Technology Management	Graduate	
		CGS 501	Scientific Writing and Comm. Skills	Graduate	

	Fall	MSIT 502	Information Technology Management	Graduate	
		MSCIS 511	Information Systems Infrastructure	Graduate	
2017/18	Summer	ISC100-51	Computing Foundations	UnderGrad	
	Spring	MSCIS 502	Information Technology Management	Graduate	
	Fall	MSIT 500	Introduction to Information Technology	Graduate	
2017/18	Summer	ISC100-51	Computing Foundations	UnderGrad	
	Spring	MSCIS 502	Information Technology Management	Graduate	
	Fall	MSIT 500	Introduction to Information Technology	Graduate	
2016/17	Summer	ISC100-51	Computing Foundations	UnderGrad	
	Spring	MSIT 502	Information Technology Management	Graduate	
	Fall	MSIT 502	Information Technology Management	Graduate	
2015/16	Summer	ISC115-51	Computing Foundations	UnderGrad	
	Spring	ISC101-51	Introduction to Information Systems	UnderGrad	
	Fall	MSIT 502	Information Technology Management	Graduate	
2014/15	Summer	ISC115-51	Computing Foundations	UnderGrad	
	Spring	MSIT 502	Information Technology Management	Graduate	
	Fall	MSIT 502	Information Technology Management	Graduate	
2013/14	Summer	ISC115-51	Computing Foundations	UnderGrad	
	Spring	MSIT 502	Information Technology Management	Graduate	
		ISC115-51	Computing Foundations	UnderGrad	
	Fall	MSIT 500	Introduction to Information Technology	Graduate	
		ETM 450-51	Applications of Information Systems in Environment Technology Management	UnderGrad	
2012/13	Summer	ETM 450-51	Applications of Information Systems in Environment Technology Management	UnderGrad	
	Spring	MSIT 500	Introduction to Information Technology	Graduate	
		ISC 471-51	Interactive 3D Graphics Modeling	UnderGrad	
		ISC499-55	Capstone Project	UnderGrad	
	Fall	ISC 471-51	Interactive 3D Graphics Modeling	UnderGrad	
2011/12	Summer	CFW 107	College Algebra	UnderGrad	
	Spring	ISC499-55	Capstone Project	UnderGrad	

		CFW108-51	Applied Calculs	UnderGrad	
		ISC100-52	Fundamentals of Personal Computers	UnderGrad	
		ISC088-53	Portfolio	UnderGrad	
	Fall	ISC 499-54	Capstone Project	UnderGrad	
		ETM 450-51 & 51N	Applications of Information Systems in Environment Technology Management	UnderGrad	
		ISC 357-52	Operating Systems and File System Organization	UnderGrad	
		ISC 088-57	Portfolio	UnderGrad	
2010/11	Summer	CFW 107	College Algebra	UnderGrad	
	Spring	ISC499-51	Capstone Project	UnderGrad	
		FSC450-51	Applications of Information Systems in Nutrition	UnderGrad	
		ISC357-52	Operating Systems and File System Organization	UnderGrad	
		ISC088-51	Portfolio	UnderGrad	
	Fall	FSC450-51	Applications of Information Systems in Nutrition	UnderGrad	
		ISC357-52	Operating Systems and File System Organization	UnderGrad	
		ISC100-51	Fundamentals of Personal Computers	UnderGrad	
	2009/10	Spring	ISC499-51	Capstone Project	UnderGrad
ETM450-51			Applications of Information Systems in Environment Technology Management	UnderGrad	
ISC331-51			Information System Theory and Practice	UnderGrad	
ISC088-51			Portfolio	UnderGrad	
Fall		FSC450-51	Applications of Information Systems in Nutrition	UnderGrad	
		ISC115-51	Computing Foundations	UnderGrad	
		ISC100-51N	Fundamentals of Personal Computers	UnderGrad	
2008/09	Spring	ISC499-52	Capstone Project	UnderGrad	
		ISC357-51	Operating Systems and File System Organization	UnderGrad	
		CSL450-51	Information Systems for Communication	UnderGrad	
	Fall	ISC499-52	Capstone Project	UnderGrad	
		ISC088-51	Portfolio	UnderGrad	
		ISC357-51	Operating Systems and File System Organization	UnderGrad	
		AAD255-51	3D Modeling	UnderGrad	
2007/08	Summer	CFW 107	College Algebra	UnderGrad	

	Spring	CSL 450	Application of Information Systems to Communication Disorders	UnderGrad	
		AAD 336	Designing for Web	UnderGrad	
	Fall	AAD 450	Application of Information Systems to Art	UnderGrad	
		AAD 255	3D Modeling	UnderGrad	
		CFW 107	College Algebra	UnderGrad	
<b>King Fahd University of Petroleum and Minerals, Saudi Arabia</b>					
2006/07	062	ICS 583.01	Pattern Recognition	Graduate	
		ICS 423.01	Design & Analysis of Algorithms	UnderGrad	
	061	ICS 543.01	Advanced Computer Graphics	Graduate	
		ICS 435.01	Computer Graphics	UnderGrad	
2005/06	052	ICS 583.01	Pattern Recognition	Graduate	
		ICS 423.01	Design & Analysis of Algorithms	UnderGrad	
	051	ICS 435.01	Computer Graphics	UnderGrad	
		ICS 423.01	Multimedia Systems	UnderGrad	
2004/05	042	ICS 353.01	Design & Analysis of Algorithms	UnderGrad	
		ICS 353.02	Design & Analysis of Algorithms	UnderGrad	
		ICS 353.05	Design & Analysis of Algorithms	UnderGrad	
	041	ICS 435.01	Computer Graphics	UnderGrad	
		ICS 353.01	Design & Analysis of Algorithms	UnderGrad	
2003/04	032	ICS 381.01	Artificial Intelligence	UnderGrad	
		ICS 354.01	Design & Analysis of Algorithms	UnderGrad	
	031	ICS 435.01	Computer Graphics	UnderGrad	
		ICS 354.01	Theory of Automata and Formal Languages	UnderGrad	
2002/03	021	ICS583.01	Pattern Recognition	Graduate	
		ICS 353.02	Design & Analysis of Algorithms	UnderGrad	
	022	ICS 535.01	Advanced Computer Graphics	Graduate	
		ICS 483.01	Computer Vision.	UnderGrad	
2001/02	011	ICS 353.04	Design & Analysis of Algorithms	UnderGrad	
		ICS 251.01	Foundation of Comp. Sc.	UnderGrad	
	012	ICS554.01	Combinatorics and Graph Theory	Graduate	
		ICS435.01	Computer Graphics	UnderGrad	
2000/01	001	ICS 535.01	Advanced Computer Graphics	Graduate	
		ICS 354.01	Theory of Automata and Formal Languages	UnderGrad	
	002	ICS435.01	Computer Graphics	UnderGrad	
		ICS353.03	Design & Analysis of Algorithms	Graduate	
1999/00	991	ICS 251.01	Foundation of Comp. Sc.	UnderGrad	
		ICS 354.01	Theory of Automata and Formal Languages	UnderGrad	
	992	ICS435.01	Computer Graphics	UnderGrad	
		ICS554.01	Combinatorics and Graph Theory	Graduate	

1998/99	981	ICS 251.01	Foundation of Comp. Sc.	UnderGrad	
		ICS 251.02	Foundation of Comp. Sc.	UnderGrad	
		ICS 535.01	Advanced Computer Graphics	Graduate	
	982	ICS435.01	Computer Graphics	UnderGrad	
		ICS435.02	Computer Graphics	UnderGrad	
1997/98	971	ICS 251.03	Foundation of Comp. Sc.	UnderGrad	
		ICS 435.01	Computer Graphics	UnderGrad	
	972	ICS 202.04	Data Structures	UnderGrad	
		ICS 102.04	Intrduction to Computing	UnderGrad	
		ICS 102.05	Intrduction to Computing	UnderGrad	
1996/97	961	ICS 201.02	Intrduction to Comp. Sc.	UnderGrad	
		ICS 201.52	Lab of Intrduction to Comp. Sc.	UnderGrad	
		ICS 435.01	Computer Graphics	UnderGrad	
	962	ICS 201.02	Intrduction to Comp. Sc.	UnderGrad	
		ICS 201.52	Lab of Intrduction to Comp. Sc.	UnderGrad	
		ICS 406.02	Design & Analysis of Algorithms	UnderGrad	
1995/96	951	ICS 201.05	Intrduction to Comp. Sc.	UnderGrad	
		ICS 435.01	Computer Graphics	UnderGrad	
	952	ICS 202.02	Data Structures	UnderGrad	
		ICS 202.06	Data Structures	UnderGrad	
1994/95	941	ICS 202.01	Data Structures	UnderGrad	
		ICS 201.02	Intrduction to Computing	UnderGrad	
		ICS 201.05	Intrduction to Computing	UnderGrad	
	942	ICS 535.01	Advanced Computer Graphics	Graduate	
		ICS 201.03	Intrduction to Comp. Sc.	UnderGrad	
<b>University of the Punjab, Pakistan</b>					
1993/94	Fall		Computer Graphics	Graduate	
			Comp. Aided Geom. Design	Graduate	
	Sprng		Computational Geometry	Graduate	
			Numerical Analysis	Graduate	
		Computer Programming: C		Short Course	
1992/93	Fall		Data Structures	UnderGrad	
			Geometric Modeling	Graduate	
			Digital Image Processing	UnderGrad	
	Sprng		Theory of Automata	UnderGrad	
			Algorithms	Graduate	
			Computer Programming: C		Short Course
		Computer Programming: Pascal			
1991/92	Fall		Operations Research	Graduate	
			Graph Theory	Graduate	
	Sprng		Theory of Computation	Graduate	
			Numerical Analysis	Graduate	
			Computer Programming: C		Short Course

1990/91	Fall		Operations Research	Graduate	
			Geometric Modeling	Graduate	
	Sprng		Automated Theorem proving	Graduate	
			Numerical Analysis	Graduate	
		Computer Programming: Pascal		Short Course	
1985/86			Combinatorial Analysis	Graduate	
			Statistics	Graduate	
1984/85			Group Theory	Graduate	
			Theory of modules	Graduate	
1983/84			Number Theory	Graduate	
			Statistics	Graduate	
1982/83			Group Theory	Graduate	
			Differential Geometry	Graduate	
1981/82			Mathematical methods	UnderGrad	
			Number Theory	Graduate	
<b>S.A.H. Institute of Computer Science, Pakistan</b>					
1993/94	Fall		Computer Graphics	UnderGrad	
1992/93	Sprng		Theory of Automata	UnderGrad	

### **Interested to Teach (at both Graduate & Under Graduate Levels)**

• Image Processing	• Computer Vision
• Computer Graphics	• Genetic Algorithms
• Artificial Intelligence	• Pattern Recognition
• Computer Aided Geometric Design	• Geometric Modeling
• Information Systems	• Database
• Systems Analysis and Design	• Design and Implementation of Programming Languages
• Computational Geometry	• Information Visualization
• Font Designing and Capturing	• Parallel Computing
• Soft Computing	• Neural Networks
• Fractal Graphics	• Data Structures
• Numerical Analysis	• Operations Research
• Fuzzy Logic	• Design and Analysis of Algorithms
• Combinatorial Analysis	• Graph Theory
• Theory of Automata and Formal Languages	• Foundation of Computer Science
• Theory of Computation	• Many Others

### **Course Coordination**

**Kuwait University, Kuwait**

- ISC 100 – Fundamentals of Personal Computers (Fall 2010-2011)
- ISC 088 – Portfolio (Fall 2010-2011)
- ISC 499 – Capstone Project (2008-2009)
- ISC 088 – Portfolio (2008-2009)
- ISC 107 – College Algebra (2007-2008)

**King Fahd University of Petroleum & Minerals, Saudi Arabia**

- Design and Analysis of Algorithms for B.Sc. (2001/2002/2003)
- Foundation of Computer Science for B.Sc. (2001/2002)
- Automata and Formal Languages for B.Sc. (2000/2001)
- Foundation of Computer Science Course for B.Sc. (1999/2000)
- Seminar Course for M.Sc. (1996/97)
- Introduction to Computer Science Course for B.Sc. (1996)
- Senior Projects I Course for B.Sc. (1995/96)
- Senior Projects II Course for B.Sc. (1995/96)

## List of Publications

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- [4] Sarfraz, M., (2020), *Mobile Apps*, InTechOpen, UK, In Progress.
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- [10] Sarfraz, M., (2018), *Exploring Critical Approaches of Evolutionary Computation*, LCCN 2017059208; ISBN 9781522558323 (hardcover); ISBN 9781522558330 (ebook); DOI: 10.4018/978-1-5225-5832-3, pp. 1-390, IGI Global. doi:10.4018/978-1-5225-5832-3, USA.
- [11] Truong, Y. K-N., Sarfraz, M. (2018), *Topics in Splines and Applications*, ISBN 978-1-78923-250-9 (print), 978-1-78923-251-6 (online), InTechOpen, UK.
- [12] Ebad Banissi, Rita Francese, Mark W. McK. Bannatyne, Theodor G. Wyeld, Muhammad Sarfraz, João Moura Pires, Anna Ursyn, Fatma Bouali, Nuno Miguel Soares Datia, Gilles Venturini, Tania Di Mascio, Marco Temperini, Filippo Sciarrone, Delfina Malandrino, Rocco Zaccagnino, Paloma Díaz, Fragkiskos Papadopoulo, Antonio Fernandez Anta, Alfredo Cuzzocrea, Michele Risi, Ugo Erra and Veronica Rossano (Eds.), (2018), *Information Visualization - Biomedical Visualization, Visualisation on Built and Rural Environments & Geometric Modelling and Imaging*, IEEE Computer Society, USA, ISSN: 1550-6037.
- [13] Ebad Banissi, Mark W. McK. Bannatyne, Fatma Bouali, Nuno Miguel Soares Datia, Georges Grinstein, Dennis Groth, Weidong Huang, Malinka Ivanova, Sarah Kenderdine, Minoru Nakayama, Joao Moura Pires, Adrian Rusu, Paul Sant, Muhammad Sarfraz, Marco Temperini, Anna Ursyn, Gilles Venturini, Theodor G. Wyeld, and Jian J. Zhang (Eds.), (2017), *Information Visualization - Biomedical Visualization, Visualisation on*

- Built and Rural Environments & Geometric Modelling and Imaging, IEEETeL2017, IEEE Computer Society, USA, ISBN:, ISSN: 1550-6037.
- [14] Banissi, E., Sarfraz, M., Zeroul, A., Fakir, M. (Eds.), (2017), Computer Graphics, Imaging & Visualization: New Horizons, ISBN: 978-1-5090-0811-7, IEEE, USA.
  - [15] Ebad Banissi, Joao Moura Pires, Mark W. McK. Bannatyne, Urska Cvek, Georges Grinstein, Tony Huang, Feng Lin, Muhammad Sarfraz, Marjan Trutschl, Anna Ursyn, Theodor G Wyeld, Sarah Kenderdine and Jian J Zhang (Eds.), (2016), Information Visualization - Biomedical Visualization, Visualisation on Built and Rural Environments & Geometric Modelling and Imaging -, IEEE Computer Society, USA, ISBN:, ISSN: 1550-6037.
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- Retrieval Research, Sarfraz, M. (Ed.), ISSN: 2326-4136; eISSN: 2326-4144, pp. 1-355, IGI Global, USA, DOI: 10.4018/978-1-7998-1021-6.
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## **Research Areas of Interest**

- Computer Graphics
- Computer Vision
- Image Processing
- Pattern Recognition
- Data Visualization
- Artificial Intelligence
- Soft Computing
- Information Retrieval
- Databases
- Data mining
- Data Science
- Intelligent Systems
- Information Systems
- Information Technology
- Interactive Systems
- Communication Systems

## **Ph. D. Theses Supervision**

### **• As Advisor**

- [1] Shamaila Samreen, Modeling of Curves and Surfaces for CAD/CAM, Ph.D. Thesis, University of the Punjab, Pakistan, 2018 (Supervisor).
- [2] Munaza Ishaq, Interactive Shape Designing Using Spline Interpolation, Ph.D. Thesis, University of the Punjab, Pakistan, 2015 (Supervisor).
- [3] Farsia Hussain, Shape Preserving Trigonometric Spline Curves and Surfaces for Computer Graphics, Ph.D. Thesis, University of the Punjab, Pakistan, 2014 (Supervisor).
- [4] Misbah Irshad, Reverse Engineering using Splines and Soft Computing Techniques, Ph.D. Thesis, University of the Punjab, Pakistan, 2013 (Supervisor).
- [5] Zainor Ridzuan Yahya, Representation of Curves and Surfaces using Soft Computing Techniques, Ph.D. Thesis, University Sains Malaysia, Malaysia, Field Supervisor, 2009-2013.
- [6] Tahira S. Shaikh, Curves and Surfaces for Data Visualization using splines, Ph.D. Thesis, University of the Punjab, Pakistan, 2013 (Supervisor).

- [7] Sujit Kumar Basak, Face and Facial Gesture Recognition for Human-Machine Interaction, Ph.D. Thesis, School Of Business Informatics and Software Engineering, University of Technology, Mauritius, 2013 (Co-Supervisor).
- [8] Gobithasan A/I Rudrusamy, Fair Curves and Surfaces, Ph.D. Thesis, University Sains Malaysia, Malaysia, 2004 (Field Supervisor).
- [9] Asif Masood, Capturing 2D Objects with Automation, Ph.D. Thesis, University of Engineering and Technology, Pakistan, 2003 – 2007, (External Advisor).
- [10] Malik Zawwar Hussain, Shape Preserving Curves and Surfaces for Computer Graphics, Ph.D. Thesis, University of the Punjab, Pakistan, 2001 (Supervisor).

• **As Committee Member / Examiner**

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- [18] A. Subitha, Efficient Routing and Storage Management in Intermittently Connected Mobile Networks, PhD. Thesis, Anna University, Chennai, India, 2016.
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## **M. Phil. Theses Supervision**

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- **As Committee Member**

- [34] Ahmad Saeed, Positive Shape Preserving Interpolation, University of Engineering and Technology, 1993.

## **M. Sc. Theses Supervision**

- **As Advisor**

- [35] Nourah Alfaily, Impact of e-Learning on Academic Performance of Students in Kuwait University, Kuwait University, Kuwait, in progress since 2019.
- [36] Nora Al-Sane', An Online Trading System in Kuwait: A Gateway for Givers & The First Step to Clutter Free Spaces, Kuwait University, Kuwait, in progress since 2019.
- [37] Reem Almesad, Public attitudes and behaviors toward e-Government, Kuwait University, Kuwait, in progress since 2019.
- [38] Latifah Almokhaizeem, Consumers' attitudes and behaviors toward e-Shopping, Kuwait University, Kuwait, in progress since 2019.

- [39] Nouf AlMejwal, Intelligent System for Document Transfer, Kuwait University, Kuwait, in progress, 2019.
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- [41] Nur Atiqah Binti Zulkifli, Rational Bi-Cubic Ball Function for Image Interpolation, Fundamental & Applied Sciences Department, Universiti Teknologi PETRONAS, Malaysia, in progress, 2019.
- [42] Manar Turki Al-Shammari, Factors affecting e-Participation in Kuwait e-Health, Kuwait University, Kuwait, in progress, 2019.
- [43] Zeinab Mohsen Ghamlouche, Measuring the Efficiency of Technology when used in Special Needs Education, Kuwait University, Kuwait, in progress, 2019.
- [44] Wadhah Aqeel Alkhalidi, A New Sign Language Translating System for Deaf Students in Kuwait, Kuwait University, Kuwait, in progress since 2016.
- [45] Alanoud Y. Almejalhem, Tracking system for Trade Importing and Exporting Documents, Kuwait University, Kuwait, in progress since 2015.
- [46] Arwa Mulla Ali, International Virtualized Automobile Driving Test, Kuwait University, Kuwait, in progress since 2016.
- [47] Ashwaq Alraish, Mobile Apps Use in Kuwait: Factors influencing the adoption of m-commerce Apps in Kuwait, Kuwait University, Kuwait, 2017.
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- [75] Raheem, M. A., The Designing of Objects using Rational Splines with Shape Control, King Fahd University of Petroleum and Minerals, Saudi Arabia, 1996.

- **As Co-Advisor**

- [76] Ohoud Fahad AlMayyas, Measuring the Efficiency of Technology for Correcting Sitting Posture of School Children, Kuwait, in progress since 2019.
- [77] Fares AlKhozami, Deep Learning for Natural Languages, Kuwait University, Kuwait, in progress since 2019.
- [78] Suhaib Musleh, Shadow Detection in High-Resolution Aerial images, Kuwait University, Kuwait, in progress since 2017.

- **As Committee Member**

- [79] Bodour H B Sharar, Citizens' Perspective on the Impact of Social Media on Politics in Kuwait, Kuwait University, Kuwait, 2018.
- [80] Aminah Almutairi, The Application of ICT in the Teaching of English as a Second Language to Students in Primary Girls' Schools in Kuwait, Kuwait University, Kuwait, 2016.

- [81] Norah Al-Janahi, Evaluation Model for Measuring the Acceptance of Biometrics in Online Banking in Kuwait, Kuwait University, Kuwait, 2016.
- [82] Noura Mohammad Al-Mihrij, Local magnetic moments and magnetic correlations in some bcc multilayer films of transition metals from first-principles theories, Kuwait University, Kuwait, 2012.
- [83] Syed Shomaail Mansoor Jafri, Computerized Adaptive Testing Using Bayesian Neural Networks, King Fahd University of Petroleum and Minerals, Saudi Arabia, 2007.
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- [85] Syed Adnan Shahab, Document Analysis and Indexing of Arabic Manuscripts, King Fahd University of Petroleum and Minerals, Saudi Arabia, 2006.
- [86] Shamsul Islam, Design of a Graphical Interface to Augment a Telerobotic Stereo Vision System, King Fahd University of Petroleum and Minerals, Saudi Arabia, 2005.
- [87] Pang Nyuk Khee, Stereo Image Analysis: A New Approach Using Discrete Orthogonal Moments, M.Sc. Thesis, University Sains Malaysia, Malaysia, 2005.
- [88] Ooi Yongson, and Second Order Partial Derivatives Estimation at Three-Dimensional Scattered Data Points, M.Sc. Thesis, University Sains Malaysia, Malaysia, 2005.
- [89] Owais, M. A., Dynamic Similarity Metric for Case-Based Planning under Imperfection, King Fahd University of Petroleum and Minerals, Saudi Arabia, 2002.
- [90] Mahfood, A. O. S, Parrallel Genetic Scheduling for Parrallel Applications, King Fahd University of Petroleum and Minerals, Saudi Arabia, 2001.
- [91] Wasiq, M., Software Metrics, King Fahd University of Petroleum and Minerals, Saudi Arabia, 2001.
- [92] Ahmed, Adel F., Multiselection on some interconnected networks, King Fahd University of Petroleum and Minerals, Saudi Arabia, 2000.
- [93] Alzubaidi, Tariq S., Building a Framework for Coupling Measurement Systems, King Fahd University of Petroleum and Minerals, Saudi Arabia, 1998.
- [94] Durrani, Shazia and Hussain, Zeenat, An Expert System for Plant Protection, University of Peshwar, Pakistan, 1992.
- [95] Saeed, Salma and Khan, Sadia Anwar, Expert System for Gum Diseases, University of Peshwar, Pakistan, 1992.
- [96] Ahmad, Shazia, “????”, University of Engineering and Technology, 1991.

- **As Committee Member (External Examiner)**

- [97] Ho Son Ni, Real-time Sketchy Rendering for Animation, M.Sc. Thesis, Multimedia University, Malaysia, 2009.
- [98] Khoo Hee Kooi, Cluster Coding with modified Flood Fill Algorithm for Texture Segmentation, M.Sc. Thesis, University Sains Malaysia, Malaysia, 2009.
- [99] Ang Sau Loong, A proposed method for selecting the Clustering Algorithm in Radial Basis Function, M.Sc. Thesis, University Sains Malaysia, Malaysia, 2008.
- [100] Ms Pang Nyuk Khee, Stereo Image Analysis: A New Approach using Discrete Orthogonal Moments, M.Sc. Thesis, Multimedia University, CRPP – Cyberjaya, Malaysia, 2006.
- [101] Ng Kok Why, Adaptive Model Simplification for level of detail in Real-Time Rendering, M.Sc. Thesis, Multimedia University, CRPP – Cyberjaya, Malaysia, 2005.

[102] Ooi Yongson, First and Second Order Partial Derivatives Estimation at Three Dimensional Scattered Data Points, M.Sc. Thesis, University Sains Malaysia, Malaysia, 2005.

## **M. Sc. Project Supervision**

- **As Advisor**

[1] Mariam W. Malallah, Information Technology & Dyslexia, Kuwait University, Kuwait, 2016.

## **Post Graduate Diploma Theses Supervision**

- **As Advisor**

[1] Habib, Zulfiqar, Curve and Surface Design For Computer Aided Design (CAD), University of the Punjab, Pakistan, 1992.

[2] Khan, Iftikhar Ahmad, Computer Graphics using Interpolatory Bicubic rational Spline with Shape Control Parameters, University of the Punjab, Pakistan, 1991.

[3] Saeed, Khalid M., Shape Preservation of Curves for Computer Aided Design, University of the Punjab, Pakistan, 1991.

## **Senior Projects Supervision, Summer Training, and Co-Op Training Supervision**

- Advised many students

## Funded Projects

No.	Title	Project #	Funding Agency	Status	Team	Start Date	End date	Remarks
1.	Prediction of Proteins using Machine Learning Approaches	Research Grant No. [QI 03/14]	Kuwait University	Principal Investigator	M. Sarfraz, Fawaz Al-Anzi	2015	2017	Approved and Withdrwan
2.	Using Value Methodology for Deployment of Scrap Tires to Fight Desertification in Kuwait and Ration Water	Research Grant No. [KFAS: 2013150101]	Kuwait University	Co-Investigator	Fawaz Al-Anzi, M. Sarfraz, Abdirashid Elmi, Abdul Rehman Khan	2014	2016	Completed
3.	Paper currency recognition system	Research Grant No. [QI 01/13]	Kuwait University	Principal Investigator	M. Sarfraz, A. B. Sargano, N. Haq	25-11-2013	24-11-2014	Completed
4.	Mining Featured Data from the Generic Shapes	Research Grant No. [WI 05/12]	Kuwait University	Principal Investigator	Dr. M. Sarfraz and Jehad AlDallal (ISC)	June 24, 2012	June 23, 2013	Completed
5.	Recognition and Verification System for Paper Currency	Research Grant No. [16-22/CRGP/ CIIT/ABT/II]	COMSATS Institute of Information Technology (CIIT), Pakistan	Co-Principal Investigator	Allah Bux Sargano, (CS, CIIT) Dr. M. Sarfraz (ISC, KU)	2011	2013	Completed

6.	Object Recognition using Moment Descriptors and Genetic Algorithm	Research Grant No. [3/32]	AlJouf University, Saudi Arabia	Project Supervisor	Mahmood ul Hasan & Abdel Rahman Othman	May 18, 2011	Jan 17, 2013	Completed
7.	A Soft Computing Approach for Outlines Capture of Planar Images	Research Grant No. [WI 05/10]	Kuwait University	Principal Investigator	Dr. M. Sarfraz (ISC)	March 18, 2011	Sep. 17, 2012	Completed
8.	A New Heuristic for Vectorizing Outlines of Generic Shapes by Spline	Research Grant No. [WI 01/09]	Kuwait University	Principal Investigator	Dr. M. Sarfraz (ISC), Dr. Naelah AlDabbous	2009	2010	Completed
9.	Vectorizing Outlines of Generic Shapes by Spline using a Heuristic	Research Grant No. [WI 01/08]	Kuwait University	Principal Investigator	Dr. M. Sarfraz (ISC)	2008	2009	Completed
10.	Automatic Arabic Optical Text Recognition (AOTR)	Research Project # ICS/OPTICAL TEST/337	KFUPM	Principal Investigator	Dr. Sabri A. Mahmoud (ICS)	2005	2008	Completed
11.	A Fuzzy-Logic Trust Model for Peer-to-Peer Based Systems	Research Project # JFRG-005/17	KFUPM	Consultant	Dr. Farag Azzedin	August 1, 2006	June 30, 2007	Completed
12.	Investigating Design Quality Characteristics for Refactoring	Research Project # JF-2005/07	KFUPM	Consultant	Dr. M. Al-Shaib	2005	2006	Completed

	and Refactoring to Patterns Using Software Metrics							
13.	Reverse Engineering for Geometric Models using Evolutionary Heuristics	Research Project # ICS/REVERSE ENG./312	KFUPM	Principal Investigator	Dr. Balah	2005	2008	Completed
14.	Interactive Curve Design with Applications in Computer Graphics, Vision and Image Processing	Book Writing Project # ICS/Graphics/306	KFUPM	Principal Investigator	No	2005	2007	Completed
15.	Computer-Aided Intelligent Recognition Techniques and Applications	Book Editing Project # ICS/INT.RECOGNITION/271	KFUPM	Principal Investigator	No	2004	2005	Completed
16.	An Integrated System for Arabic Sign Language Recognition	Research Project # 89-22-ت أ	KACST	Co Investigator	Dr. Mohamed Ahmed Mohandes (EE), Dr. Talal Omar Halawani (EE), Dr. Samir Alwan Al-Baiyat (EE), Dr.	2004	2006	Completed

					Muhammad Sarfraz (ICS), Mr. Jafar Al-Okakah			
17.	Advances in Geometric Modeling	Book Editing Project # ICS/ADV.MODEL/259	KFUPM	Principal Investigator	No	2003	2004	Completed
18.	Geometric Modeling: Techniques, Applications, Systems and Tools	Editing Project # ICS/GEOMETRIC/255	KFUPM	Principal Investigator	No	2003	2004	Completed
19.	Towards the Further Study of Designing with NURBS & ANURBS: The CAD/CAM/CAE Tools	Research Project # FT/2001-018	KFUPM / SABIC	Principal Investigator	Dr. M. Sarfraz (ICS) and Dr M. Balah (ICS)	2002	2004	Completed
20.	ICS 353: Design and Analysis of Algorithms	ON-LINE Course	KFUPM	Member	Dr. Kofahi, Dr. Sarfraz, Dr. Wasfi, Mr. Alavi, Mr. Khan, Mr Saleem (ICS)	2002	2004	Completed
21.	Automatic Text Recognition: A Need in Arabization	Research Proj # EE/AUTOTEXT/232	KFUPM	Co Investigator	Dr. A. Zidouri (EE) and Dr. M.	2001	2005	Completed

					sarfraz (ICS)			
22.	Automatic Font Generation: A step ahead in Arabization	Research Proj # FT/2000-003	KFUPM	Principal Investigator	Dr. M. Sarfraz, Dr. Qureshi, and M. Khan (ICS)	2000	2002	Completed
23.	Modelling of the Rational Splines for Computer Graphics	Research Proj # P-PU/Maths (17)	PSF, Pakistan	Principal Investigator	No	1994	1999	Completed
24.	Visualization of Data and Object Modelling	Research Project	De Montfort University, UK	Co Investigator	Dr. Fiaz Hussain (UK) and Dr. Sarfraz	1995	1998	Completed
25.	Modelling by Splines	Research Project	Royal Society, UK	Co Investigator	Dr. Fiaz Hussain (UK) and Dr. Sarfraz	1993	1994	Completed

## Conference Organization

- [1] Member of the Technical Committee, 4th International Conference on Vision, Image and Signal Processing (ICVISP 2020), September 21-23, 2020, Saint Petersburg, Russia, [www.icvisp.org](http://www.icvisp.org).
- [2] Member of the Technical Committee, 4th International Conference on Graphics and Signal Processing (ICGSP 2020), Nagoya, Japan, June 26-29, 2020, [www.icgsp.org](http://www.icgsp.org).
- [3] Technical Program committee member and Advisory committee member, International Conference on Emerging Intelligent Techniques in Engineering and Education: Innovations and Applications (ICEITEE-2020), June 13-14, 2020 Bangkok, Thailand, <http://itsr.co.in/ICEITEE-2020%20Bangkok/>.
- [4] Member of the Technical Program Committee / Advisory Committee, International Conference on Computers Informatics and Networks (ICIN 2020), May/June 2020, Department of Computer Science and Engineering, Bhagwan Parshuram Institute of Technology, New Delhi, India.
- [5] Member of the Program Committee, The 12th International Conferences on Pervasive Patterns and Applications, PATTERNS 2020, April 26-30, 2020, Nice, France, <http://www.iaria.org/conferences2020/PATTERNS20.html>.
- [6] Member of the Technical Committee, 6th International Conference on Computing and Artificial Intelligence (ICCAI 2020), April 23-26, 2020, Tiangong University, Tianjin, China, <http://iccai.net/>.
- [7] Member of the Technical Program Committee, 9th International Conference on Communication Systems and Network Technologies 2020 (CSNT 2020), April 10-12, 2020, Gwalior, MP, India, <http://www.csnt.in/>.
- [8] Member of Advisory Committee/Technical Program Committee, International Conference on Smart Communication and Imaging Systems (MEDCOM 2020), March 20-21, 2020, GL Bajaj Institute of Technology, Greater Noida, India, <https://www.glbitm.org/medcom2020/>.
- [9] Member of the Technical Committee, The 12th International Conference on Computer Modeling and Simulation (ICCMS 2020), February 24-27, 2020, Brisbane, Australia, [www.iccms.org/](http://www.iccms.org/).
- [10] Technical Program committee member and Advisory committee member, International Conference on Emerging Techniques in Engineering and Education: Innovations and Applications (ICETEE-2020), February 22-23, 2020, Jaipur, Rajasthan, India, <http://itsr.co.in/ICETEE-2020/>.
- [11] Member of the Technical Committee, The 9th International Conference on Intelligent Computing and Applications (ICICA 2020), February 24-27, 2020, Brisbane, Australia, [www.iccms.org/](http://www.iccms.org/).
- [12] Member of the Technical Committee, The International Conference on Applied Mathematics and Theoretical Computer Science (ICAMTCS 2020), February 6-8, 2020, St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil, Kanyakumari District, Tamil Nadu, India, [www.icamtcs.com](http://www.icamtcs.com).
- [13] Member of Program Committee, The 7th International Conference on Computer Science and Information Technology (CoSIT 2020), January 25 - 26, 2020, Zurich, Switzerland, <https://cosit2020.org/>.

- [14] Member of Technical Committee, The 3rd International Conference on Software Engineering and Information Management (ICSIM 2020), January 12-15, 2020, Sydney, Australia , <http://www.icsim.org/>
- [15] Member of the International Technical Committee, The 2019 Asia Digital Image Processing Conference (ADIP 2019), December 21-23, 2019, Kobe University, Kobe, Japan, <http://www.adip.org>.
- [16] Member of Technical Program Committee, 13th IEEE International Conference on Open Source Systems and Technologies (ICOSST 2019), December 17-19, 2019, Lahore, Pakistan., <http://icosst.kics.edu.pk/2019>.
- [17] Member of the International Program Committee, 15<sup>th</sup> International Conference on Signal Image Technology & Internet Based Systems (SITIS 2019), November 26-29, 2019, Sorrento, Naples, Italy, <http://www.sitis-conf.org/>.
- [18] Member of the International Program Committee, International Workshop on Deep Learning for Video and Image Analysis, in conjunction with The 9th Pacific-Rim Symposium on Image and Video Technology, November 18-22, 2019, Sydney, Australia, <https://sites.google.com/view/dlw-psivt2019/home>.
- [19] Member of the International Program Committee, International Conference on Intelligent Technologies and Applications (INTAP 2019), October 16–18, 2019, Bahawalpur, Pakistan.
- [20] Member of the International Program Committee, 13th International Symposium on Visual Computing (ISVC'19), Lake Tahoe, Nevada/California, USA, October 7-9, 2019.
- [21] Honorary General Chair, The 6th International Conference on Automation, Control Engineering & Computer Science (ACECS 2019), October 01 – 03, 2019, Istanbul, Turkey, <http://www.conf-event.com/ACECS/ACECS.html>.
- [22] Member of the International Program Committee, 13th International Symposium on Visual Computing (ISVC'19), Lake Tahoe, Nevada/California, USA, October 7-9, 2019.
- [23] Member of the International Scientific Committee, International Conference on Robotics, Intelligent Control and Artificial Intelligence (RICAI 2019), Shanghai, China, September 20-22, 2019, <http://ic-ricai.org>.
- [24] Member of the Technical Program Committee, The International Conference on Mathematics: An Istanbul Meeting for World Mathematicians, 3-5 July 2018, Istanbul, Turkey, [www.icomath.com](http://www.icomath.com).
- [25] Member of the Technical Committee, 3<sup>rd</sup> International Conference on Graphics and Signal Processing (ICGSP 2019), June 1-3, 2019, Hong Kong, [www.icgsp.org](http://www.icgsp.org).
- [26] Member of the International Program Committee, The International Conference in Central Europe on Computer Graphics, Visualization and Computer Vision (WSCG'2019), Plzen Czech Republic, in cooperation with EUROGRAPHICS and IFIP working group 5.10 on Computer Graphics and Virtual Worlds, May 27 - 31, 2019.
- [27] Member of the Program Committee, The 11th International Conferences on Pervasive Patterns and Applications, PATTERNS 2019, May 05-09, 2019, Venice, Italy, <http://www.iaria.org/conferences2019/PATTERNS19.html>.
- [28] Member of the International Program Committee, International Conference on Computers, Informatics and Networks (ICCN 2k20), May 03, 2019, Bhawan Parshuram Institute of Technology, New Delhi, India.
- [29] Member of the Technical Committee, 8<sup>th</sup> International Conference on Frontiers of Information Technology (ICFIT 2019), April 20-22, 2019, Nice, France, <http://www.icfit.org/>.

- [30] Member of the Technical Committee, 5th International Conference on Computing and Artificial Intelligence (ICCAI 2019), April 19-22, 2019, Bali, Indonesia, <http://www.iccai.net/>.
- [31] Member of the Technical Committee, 5th International Conference on Advances in Computing & Communication Engineering (ICACCE 2019), April 04-06, 2019, Tamil Nadu, India, <http://indiarg.org/icacce/>.
- [32] Member of the Program Committee, The International Conference on Social Networking and Computational Intelligence (SCI 2019), March 8-9, 2019, Bhopal, India, <http://sciconference.in/>.
- [33] Member of the Technical Committee, 2nd International Conference on Machine Vision and Applications (ICMVA 2019), February 27-March 1, 2019, Yangon (Rangoon), Myanmar (Burma), <http://www.icmva.org/>.
- [34] Member of the International Program Committee, 14<sup>th</sup> International Conference on Computer Graphics Theory and Applications (GRAPP), February 25 - 27, 2019, Prague, Czech Republic, <http://www.grapp.visigrapp.org/Home.aspx>.
- [35] Member of the Technical Committee, The 4th IEEE International Conference on Recent trends in Electronics, Information & Communication Technology (RTEICT-2019), May 16-18, 2019, Bengaluru, India.
- [36] Member of the Technical Committee, International Conference on Information Science and System (ICISS 2018), Tokyo, Japan, March 16-19, 2019, <http://www.iciss.org/>
- [37] Member of the Technical Committee, The 2nd International Conference on Computer Graphics and Virtuality (ICCGV 2019) February 23, - 26, 2019, Jeju Island, Korea, <http://www.iccgv.org/>.
- [38] Member of the Technical Committee, 2nd International Conference on Image and Graphics Processing (ICIGP 2019), February 23-25, 2019, Singapore, <http://icigp.org/>.
- [39] Member of the Technical Committee, The 11th International Conference on Computer Modeling and Simulation (ICCMS 2019), January 16-19, 2019, Melbourne, Australia, [www.iccms.org/](http://www.iccms.org/).
- [40] Member of the Technical Committee, The 8th International Conference on Intelligent Computing and Applications (ICICA 2019), January 16-19, 2019, Melbourne, Australia, [www.icica.org](http://www.icica.org).
- [41] Member of Technical Committee, The 2nd International Conference on software Engineering and Information Management (ICSIM 2019), January 10-13, 2019, Bali, Indonesia, <http://www.icsim.org/>
- [42] Member of Technical Program Committee, 12th IEEE International Conference on Open Source Systems and Technologies (ICOSST 2018), December 19-21, 2018, Lahore, Pakistan., <http://icosst.kics.edu.pk/2018>.
- [43] Member of the Technical Committee, The 10th International Conference on Graphic and Image Processing (ICGIP 2018), December 12-14, 2018, Ocean University of China, Chengdu, China, <http://www.icgip.org/>.
- [44] Member of the International Program Committee, 14<sup>th</sup> International Conference on Signal Image Technology & Internet Based Systems, November 26-29, 2018, Las Palmas de Gran Canaria, Spain, <http://www.sitis-conf.org/>.
- [45] Member of the International Program Committee, 13th International Symposium on Visual Computing (ISVC'18), Luxor Resort & Casino in Las Vegas, Nevada, USA, November 19-21, 2018.

- [46] Member of International Scientific and Reviewers Committee, DIALOGO-CONF 2018, The 5th Virtual International Conference on the Dialogue between Science and Theology, Slovakia, November 03-10, 2018.
- [47] Member of the Technical Committee, International Conference on Soft Computing, Artificial Intelligence, Image Processing & Applications (SCAIA), October 27 - 28, 2018, Chennai, India, <http://flyccs.com/Conference/SCAIA/index.html>.
- [48] Member of the International Program Committee, International Conference on Intelligent Technologies and Applications (INTAP 2018), October 23–25, 2018, Bahawalpur, Pakistan.
- [49] Member of the Technical Committee, International Conference on Graphics and Signal Processing (ICGSP 2018), October 6-8, 2018, Sydney, Australia, [www.icgsp.org](http://www.icgsp.org).
- [50] Member of the Technical Program Committee, The International Conference of Intelligent and Interactive Computing 2018 (IIC 2018), August 8-9, 2018, Melaka, Malaysia, <http://iic.utm.edu.my/>.
- [51] Member of the Technical Committee, The 10th International Conference on Computational Intelligence and Communication Networks (CICN 2018), August 18-20, 2018, Aalborg University, Esbjerg, Denmark, <http://www.cicn18.org>.
- [52] Member of the Technical Program Committee, The World Conference on Computational Science and Computational Intelligence (WCSCI 2018), July 27-28, 2018, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu, India.
- [53] Member of the Technical Program Committee, The IEEE 3rd International Conference on Signal and Image Processing (ICSIP 2018), July 13-15, 2018, Shenzhen Research Institute, Southeast University, China.
- [54] Member of the Advisory/Technical Committee, International Conference on Emerging Trends and Innovations In Engineering And Technological Research (ICETIETR 2K18), July 11-13, 2018, Arakunnam, Ernakulam, Kerala, India, <http://www.icetietr2k18.com/>.
- [55] Member of the Program Committee, The 22<sup>nd</sup> International Conference on Information Visualization (IV'2018), July 10-13, 2018, Università degli Studi di Salerno, Salerno, Italy, Sponsored by IEEE and Graphics Links, <http://www.graphicslink.co.uk/IV2018/>.
- [56] Chairman of the International Conference on Graphical Models and Imaging (GMAI'2018) (Part of The 22<sup>nd</sup> International Conference on Information Visualization (IV'2018)), July 10-13, 2018, Università degli Studi di Salerno, Salerno, Italy, Sponsored by IEEE and Graphics Links, <http://www.graphicslink.co.uk/IV2018/>.
- [57] Member of the Technical Program Committee, The 22<sup>nd</sup> World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI 2018), July 8 - 11, 2018, Orlando, Florida, USA, <http://www.iis2018.org/wmsci/>.
- [58] Member of the Technical Committee, The International Conference on Image, Vision and Computing (ICIVC 2018), June 27-29, 2018, Chongqing, China, [www.icivc.org](http://www.icivc.org).
- [59] Member of the International Program Committee of The International Conference in Central Europe on Computer Graphics and Computer Vision (WSCG'2018), Plzen Czech Republic, in cooperation with EUROGRAPHICS and IFIP working group 5.10 on Computer Graphics and Virtual Worlds, May 28 - June 1, 2018.
- [60] Member of International Scientific and Reviewers Committee, ACENS, DIALOGO-CONF 2018, Overpopulation and Religion's involvement (ORI), Romania, May 19-26, 2018.
- [61] Member of International Scientific Committee, International Conference on Communication, Management and Information Technology (ICCMIT'18), University of Politecnica de Madrid, Madrid, Spain, April 2-4, 2018, <http://www.iccmit.net>.

- [62] Member of the Advisory Committee, The International Conference in Engineering and Advancement in Technology (ICEAT) to be held at Sri Krishna College of Technology, Coimbatore, March 22-23, 2018, Tamil Nadu, India, <http://iceat.in/>.
- [63] Member of the Technical Program Committee, The 9th International Multi-Conference on Complexity, Informatics and Cybernetics (IMCIC 2018), March 13 - 16, 2018, Orlando, Florida, USA, <http://www.iis-spring18.org/imcic/>.
- [64] General Co-Chair, The 2<sup>nd</sup> International Conference on Computing Sciences and Engineering (ICCSE' 2018), March 11-13, 2018, Kuwait University, Kuwait.
- [65] Member of the Steering Committee, The 2<sup>nd</sup> International Conference on Computing Sciences and Engineering (ICCSE' 2018), March 11-13, 2018, Kuwait University, Kuwait.
- [66] Member of the Technical Committee, The 2<sup>nd</sup> International Conference on Computing Sciences and Engineering (ICCSE' 2018), March 11-13, 2018, Kuwait University, Kuwait.
- [67] Member of the Program Committee, The 10<sup>th</sup> International Conferences on Pervasive Patterns and Applications, PATTERNS 2018, February 18 – 22, 2018, Barcelona, Spain, <http://www.iaia.org/conferences2018/PATTERNS18.html>.
- [68] Member of the Advisory Technical Committee, The International Conference on Applied Mathematics and Theoretical Computer Science (ICAMTCS 2018), St. Xavier's Catholic College of Engineering, Chunkankadai, Nagercoil, Kanyakumari District, Tamil Nadu, India, February 01 – 03, 2018, <http://www.icamtcs.com>.
- [69] Member of the Technical Committee, The 10th International Conference on Computer Modeling and Simulation (ICCMS 2018), January 8-10, 2018, Sydney, Australia, [www.iccms.org/](http://www.iccms.org/).
- [70] Member of the Technical Committee, The 7th International Conference on Intelligent Computing and Applications (ICICA 2018), January 8-10, 2018, Sydney, Australia, [www.icica.org](http://www.icica.org).
- [71] Member of the International Program Committee, 13<sup>th</sup> International Conference on Signal Image Technology & Internet Based Systems, December 04-07, 2017, Jaipur, India, <http://www.sitis-conf.org/>.
- [72] Member of the International Program Committee, 4th Intl. Conference on Soft Computing & Machine Intelligence (ISCMi 2017), November 22-24, 2017, Republic of Mauritius, <http://iscmi.us/>.
- [73] Member of the Programme Committee, The 11<sup>th</sup> International Conference on Simulated Evolution and Learning (SEAL 2017), November 10-13, 2017, Shenzhen, China
- [74] Member of the Technical Committee, The 9th International Conference on Graphic and Image Processing (ICGIP 2017), October 14-16, 2017, Qingdao, China, <http://www.icgip.org/index.html>.
- [75] Member of the Technical Committee, The 9th International Conference on Computational Intelligence and Communication Networks (CICN 2017), September 16-17, 2017, International Final University, Cyprus, <http://www.cicn17.org>.
- [76] Member of the Technical Program Committee, The IEEE 2nd International Conference on Signal and Image Processing (ICSIP 2017), August 04-06, 2017, Nanyang Technological University, Singapore.
- [77] Member of the International Technical Committee, The International Conference on Image, Vision and Computing (ICIVC 2017), August 03-05, 2017, Chengdu, China, [www.icivc.org](http://www.icivc.org).

- [78] Member of the Organizing Committee, The International Conference on Information Visualization (IV'2017), July 11-14, 2017, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [79] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2017), July 11-14, 2017, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [80] Member of the Technical Program Committee, The 21st World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI 2017), July 8 - 11, 2017, Orlando, Florida, USA, <http://www.iiis2017.org/wmsci/>.
- [81] Member of the Technical Committee, International Conference on Graphics and Signal Processing (ICGSP 2017), June 24-27, 2017, Singapore, [www.icgsp.org](http://www.icgsp.org).
- [82] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2017), May 22 – 25, 2017, Cadi Ayyad University, Marrakesh, Morocco, Sponsored by IEEE and Graphics Links.
- [83] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2017), May 22 – 25, 2017, Cadi Ayyad University, Marrakesh, Morocco, Sponsored by IEEE and Graphics Links.
- [84] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2017), May 22 – 25, 2017, Cadi Ayyad University, Marrakesh, Morocco, Sponsored by IEEE and Graphics Links.
- [85] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2017), May 22 – 25, 2017, Cadi Ayyad University, Marrakesh, Morocco, Sponsored by IEEE and Graphics Links.
- [86] Member of the Technical Committee, International Conference on Advanced Technologies for Signal & Image Processing (ATSIP'2017), May 22-24, 2017, Fez, Morocco.
- [87] Member of the International Advisory Committee, IEEE International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT 2017), April 21-22, 2017, VIT University, Vellore, India.
- [88] Member of International Scientific Committee, International Conference on Communication, Management and Information Technology (ICCMIT'17), Warsaw, Poland, April 3-5, 2017, <http://www.iccmit.net>.
- [89] Member of the Advisory Program Committee, The International Conference on Computing, Communication, Nanophotonics, Nanoscience, Nanomaterials and Nanotechnology (I2C4N-2K17), April 6-7, 2017, Mala, Thrissur Dt, Kerala, India, Hosted by Holy Grace Academy of Engineering, [www.i2c4n.com](http://www.i2c4n.com).
- [90] Member of the Program Committee, The International Conference on Business Intelligence (CBI'17), March 29 - 31, 2017, Beni Mellal, Morocco.
- [91] Member of the Program Committee, The 9<sup>th</sup> International Conferences on Pervasive Patterns and Applications, PATTERNS 2017, February 19 – 23, 2017, Athens, Greece, <http://www.iaria.org/conferences2017/PATTERNS17.html>.
- [92] Member of the Technical Committee, The 8<sup>th</sup> International Conference on Computer Modeling and Simulation (ICCMS 2017), January 20-23, 2017, Canberra, Australia, [www.iccms.org](http://www.iccms.org).

- [93] Member of the Steering Committee, International Conference on Frontiers of Information Technology (FIT 2016), December 19-21, 2016, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [94] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2016), December 19-21, 2016, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [95] Member of Technical Committee, 10th IEEE International Conference on Open Source Systems and Technologies (ICOSST 2016), December 15-17, 2016, Al-Khawarizmi Institute of Computer Science, University of Engineering and Technology (UET), Lahore, Pakistan., <http://icosst.kics.edu.pk/2016/main/index>.
- [96] Member of Technical Committee, International Conference on Computer Networks and Communication Technology (CNCT2016), December 16-18, 2016, Xiamen, China, [www.cnct2016.org](http://www.cnct2016.org).
- [97] Member of the International Program Committee, 12th International Conference on Signal Image Technology & Internet Based Systems, November 27 – December 01, 2016, Naples, Italy, <http://www.sitis-conf.org/>.
- [98] Member of the Technical Committee, The 8th International Conference on Graphic and Image Processing (ICGIP 2016), October 29-31, 2016, Tokyo, Japan, <http://www.icgip.org/index.html>.
- [99] Member of the Technical Committee, The International Conference on Image, Vision and Computing (ICIVC 2016), August 03-05, 2016, Portsmouth, UK, [www.icivc.org](http://www.icivc.org).
- [100] Member of the Technical Program Committee, The IEEE International Conference on Signal and Image Processing (ICSIP 2016), August 13-15, 2016, North China University of Technology, Beijing, China.
- [101] Member of the Organizing Committee, The International Conference on Information Visualization (IV'2016), July 19-22, 2016, Universidade NOVA de Lisboa, Lisbon, Portugal, Sponsored by IEEE and Graphics Links.
- [102] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2016), July 19-22, 2016, Universidade NOVA de Lisboa, Lisbon, Portugal, Sponsored by IEEE and Graphics Links.
- [103] Member of the Advisory Program Committee of The International Conference on Computing, Communication, Nanophotonics, Nanoscience, Nanomaterials and Nanotechnology (I2C4N-2K16), April 7-8, 2016, Mala, Thrissur Dt, Kerala, India, Hosted by Holy Grace Academy of Engineering, [www.i2c4n.com](http://www.i2c4n.com).
- [104] Member of International Scientific Committee, International Conference on Communication, Management and Information Technology (ICCMIT'16), Cosenza, Italy, April 26-29, 2016, <http://www.iccmit.net>.
- [105] Session Organizer on Intelligent Recognition Technologies, Applications, and Systems, International Conference on Communication, Management and Information Technology (ICCMIT'16), Cosenza, Italy, April 26-29, 2016, <http://www.iccmit.net>.
- [106] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2016), March 29 – April 01, 2016, Sultan Moulay Sliman University, Beni Mellal city, Morocco, Sponsored by IEEE and Graphics Links.
- [107] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics, The International Conference on Computer Graphics, Imaging, and Visualization

- (CGIV'2016), March 29 – April 01, 2016, Sultan Moulay Sliman University, Beni Mellal city, Morocco, Sponsored by IEEE and Graphics Links.
- [108] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2016), March 29 – April 01, 2016, Sultan Moulay Sliman University, Beni Mellal city, Morocco, Sponsored by IEEE and Graphics Links.
- [109] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2016), March 29 – April 01, 2016, Sultan Moulay Sliman University, Beni Mellal city, Morocco, Sponsored by IEEE and Graphics Links.
- [110] Member of the Technical Programme Committee, The Eighth International Conferences on Pervasive Patterns and Applications, PATTERNS 2016, March 20 - 24, 2016, Rome, Italy. <http://www.iaria.org/conferences2016/PATTERNS16.html>.
- [111] Member of the Programme Committee, Fourth International Conference on Signal, Image Processing and Pattern Recognition (SIPP 2016), January 2-3, 2016, Zurich, Switzerland, <http://ccsit2015.org/2016/sipp/index.html>.
- [112] Member of the Programme Committee, 9th IEEE International Conference on Open Source Systems and Technologies" (ICOSST-2015) and associated Open Source Series Workshop (OSSW-2015), December 17-19, 2015, University of Engineering & Technology (UET), Lahore, Pakistan.
- [113] Member of the Steering Committee, International Conference on Frontiers of Information Technology (FIT 2015), December 14-16, 2015, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [114] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2015), December 14-16, 2015, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [115] Member of the Programme Committee, World Congress on Information and Communication Technologies (WICT 2015), December 14 – 16, 2015, Marrakesh, Morocco, <http://www.mirlabs.org/wict15>.
- [116] Member of the International Program Committee, 11th International Conference on Signal Image Technology & Internet Based Systems, November 23 – 27, 2015, Bangkok, Thailand, <http://www.sitis-conf.org/>.
- [117] Member of the Programme Committee, The International Conference on Soft Computing and Pattern Recognition (SoCPaR 2015), November 13–15, 2015, (<http://www.mirlabs.net/socpar15/>), Fukuoka, Japan.
- [118] Member of the Technical Committee, The International Conference on Image, Vision and Computing (ICIVC 2015), September 19-20, 2015, Hongkong, [www.icivc.org](http://www.icivc.org).
- [119] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2015), July 21–24, 2015, The University of Barcelona, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [120] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2015), July 21–24, 2015, The University of Barcelona, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [121] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools, The International Conference on Computer Graphics,

- Imaging, and Visualization (CGIV'2015), July 21–24, 2015, The University of Barcelona, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [122] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2015), July 21–24, 2015, The University of Barcelona, Barcelona, Spain, sponsored by IEEE and Graphics Links.
- [123] Member of the Organizing Committee, The International Conference on Information Visualization (IV'2015), July 21-24, 2015, The University of Barcelona, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [124] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2015), July 21-24, 2015, The University of Barcelona, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [125] Member of Technical Committee, The Second International Conference on Computing Technology and Information Management (ICCTIM2015), Universiti Tun Hussein Onn Malaysia, Malaysia, April 21- 23, 2015, <http://sdiwc.net/conferences/icctim2015/>.
- [126] Member of International Program Committee, The Second International Conference on Artificial Intelligence and Pattern Recognition (AIPR 2015), April 16-18, 2015, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences (SIAT-CAS), Shenzhen, China.
- [127] Member of International Scientific Committee, International Conference on Communication, Management and Information Technology (ICCMIT'15), Czech Republic, April 3-5, 2015, <http://www.iccmit.net>.
- [128] Member of the International Program Committee of the IEEE International Conference on Communication Systems and Network Technologies (CSNT), April 04–06, 2015, Gwalior, India, <http://www.csnt.in/>.
- [129] Member of the Advisory Program Committee of the International Conference on Emerging Trends on Engineering and Technology"( ICET 2K15), March 26-27, Nagercoil, Tamilnadu, India, <http://www.eliteece.com/>.
- [130] Organizer of the First International Conference on Computing Sciences and Engineering (ICCSE' 2015), March 15-17, 2015, Kuwait University, Kuwait.
- [131] Member of the Technical Committee, First International Conference on Computing Sciences and Engineering (ICCSE' 2015), March 15-17, 2015, Kuwait University, Kuwait.
- [132] Member of the Steering Committee, International Conference on Frontiers of Information Technology (FIT 2014), December 17-19, 2014, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [133] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2014), December 17-19, 2014, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [134] Member of Technical Committee of “Best IT Innovation Awards”, International Conference on Frontiers of Information Technology (FIT 2014), December 17-19, 2014, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [135] Member of the Programme Committee, The 10<sup>th</sup> International Conference on Simulated Evolution and Learning (SEAL 2014), December 15-18, 2014, Dunedin, New Zealand <http://seal2014.otago.ac.nz>.
- [136] Member of the Technical Committee, The International Arab Conference on Information Technology (ACIT'2014), University of Nizwa, Al-Dakhiliyah Governorate, Nizwa, Sultanate of Oman, December 9 - 11, 2014.

- [137] Member of the Programme Committee, World Congress on Information and Communication Technologies (WICT 2014), December 08-11 2014, Malacca, Malaysia, <http://www.mirlabs.org/wict14>.
- [138] Member of the Programme Committee, The International Conference on Intelligent Systems Design and Applications (ISDA 2014), November 27 – 30, 2014, Okinawa, Japan, <http://www.mirlabs.org/isda14>.
- [139] Member of the International Program Committee, 10th International Conference on Signal Image Technology & Internet Based Systems, November 23 – 27, 2014, Marrakech, Morocco, <http://www.sitis-conf.org/>.
- [140] Member of the of the Program Committee, The International Conference on Computational Intelligence and Communication Networks (CICN2014), November 08 – 10, 2014, Bhopal, India, <http://www.cicn.in>.
- [141] Member of the International Program Committee, International Conference on Computer & Communication Engineering (ICCCE 2014), September 23-25, 2014, Kuala Lumpur, Malaysia, <http://www.iiium.edu.my/iccce/14/>.
- [142] Member of the Technical Committee, The International Conference on Image, Vision and Computing (ICIVC 2014), September 17-18, 2014, Paris, France, [www.icivc.org](http://www.icivc.org).
- [143] Member of the Programme Committee, The International Conference on Techniques and Applications for Mobile Commerce (TAMoCo'14), 7 - 10 September, 2014, Warsaw, Poland, <https://fedcsis.org/tamoco>.
- [144] Member of the Programme Committee, The International Conference on Soft Computing and Pattern Recognition (SoCPaR 2014), August 11-14, 2014, (<http://www.mirlabs.net/socpar14/>), Tunis, Tunisia.
- [145] Member of the Programme Committee, The International Workshop on Emerging Technologies for Computational Sustainability and Meaningful Use (CSMU 2014), August 7-8, 2014, Ottawa, Canada.
- [146] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2014), August 06 – 08, 2014, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [147] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2014), August 06 – 08, 2014, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [148] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2014), August 06 – 08, 2014, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [149] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2014), August 06 – 08, 2014, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [150] Member of the Programme Committee, World Congress on Nature & Biologically Inspired Computing (NaBIC 2014), July 30 - August 01, 2014, Porto. Portugal, <http://www.mirlabs.net/nabic14>.
- [151] Member of the Programme Committee, The 6th International Conference on Computational Aspects of Social Networks (CASoN), July 30 - August 01, 2014, Porto. Portugal, <http://www.mirlabs.net/cason14>.

- [152] Member of the Organizing Committee, The International Conference on Information Visualization (IV'2014), July 15-18, 2014, University of Paris Descartes, Paris, France, Sponsored by IEEE and Graphics Links.
- [153] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2014), July 15-18, 2014, University of Paris Descartes, Paris, France, Sponsored by IEEE and Graphics Links.
- [154] Member of the of the International Program Committee of the IEEE International Conference on Communication Systems and Network Technologies (CSNT), April 07 – 09, 2014, Bhopal, India, <http://www.csnt.in/>.
- [155] Co-ordinator, The Poster Day, Kuwait University, March 15, 2014.
- [156] Program Committee Chair, International Conference on Image, Vision and Computing (ICIVC 2013), September 1-2, 2013, Beijing, China.
- [157] Member of the Steering Committee, International Conference on Frontiers of Information Technology (FIT 2013), December 16-18, 2013, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [158] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2013), December 16-18, 2013, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [159] Member of Technical Committee of “Best IT Innovation Awards”, International Conference on Frontiers of Information Technology (FIT 2013), December 16-18, 2013, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [160] Judge of the Committee, Best IT Innovation Awards (BITA) in International Conference on Frontiers of Information Technology (FIT 2013), December 16-18, 2013, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [161] Member of the Programme Committee, World Congress on Information and Communication Technologies (WICT 2013), December 15-18 2013, Hanoi, Vietnam, <http://www.mirlabs.org/wict13>.
- [162] Member of the International Program Committee, 9th International Conference on Signal Image Technology & Internet Based Systems, December 2 – 5, 2013, Kyoto, Japan, <http://www.sitis-conf.org/past-conferences/www.sitis-conf.org-2013/index.php.html>.
- [163] Member of the Technical Program Committee, the 4th International Conference on Internet Technology and Applications (iTAP2013), August 16-18, 2013 in Beijing, China.
- [164] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2013), August 06 – 08, 2013, University of Macau, Macau, China, Sponsored by IEEE and Graphics Links.
- [165] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2013), August 06 – 08, 2013, University of Macau, Macau, China, Sponsored by IEEE and Graphics Links.
- [166] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2013), August 06 – 08, 2013, University of Macau, Macau, China, Sponsored by IEEE and Graphics Links.
- [167] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2013), August 06 – 08, 2013, University of Macau, Macau, China, Sponsored by IEEE and Graphics Links.

- [168] Member of the Organizing Committee, The International Conference on Information Visualization (IV'2013), July 15-18, 2013, SOAS, University of London, London, Sponsored by IEEE and Graphics Links.
- [169] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2013), July 15-18, 2013, SOAS, University of London, London, UK, Sponsored by IEEE and Graphics Links.
- [170] Member of the Technical Program Committee, *The IEEE 6<sup>th</sup> International Conference on Information Technology (ICIT'2013)*, Al-Zaytoonah University, Jordan, May 8-10, 2013.
- [171] Member of the Program Committee, International Conference on Human-Machine Interaction (HMI 2013), March 25-27, 2013, Chennai, India
- [172] Member of the Program Committee, International Conference on Human-Machine Interaction (HMI 2013), March 25-27, 2013, Chennai, India
- [173] Member of the Advisory Committee, IEEE International Multi-Conference on Automation, Computing, Communication, Control and Compressed Sensing, IMAC4S 2013, Palai, Kottayam Dist., India, [www.imac4s.org](http://www.imac4s.org).
- [174] General Co-Chair, 4th workshop on UNESCO-HP "Brain Gain Initiative", In Conjunction with: 3rd Kuwait Conf. on e-Services & e-Systems – KCESS 2012, December 18-20, 2012, Kuwait University, Kuwait, <http://www.kcess.org>.
- [175] Member of the Steering Committee, International Conference on Frontiers of Information Technology (FIT 2012), December 17-19, 2012, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [176] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2012), December 17-19, 2012, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [177] Member of Program Committee, Best IT Innovation Awards (BITA) in International Conference on Frontiers of Information Technology (FIT 2012), December 17-19, 2012, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [178] Member of the Program Committee, The 9<sup>th</sup> International Conference on Simulated Evolution and Learning (SEAL 2010), December 16 – 19, 2012, Hanoi, Vietnam.
- [179] Member of the International Program Committee, World Congress on Information and Communication Technologies (WICT 2012), October 30 – November 02, 2012, Trivandrum, India, <http://www.mirlabs.net/wict12/>.
- [180] Member of the International Program Committee, World Congress on Information and Communication Technologies (WICT 2012), October 27 – 29, 2012, Dalian, China, <http://www.mirlabs.net/wict2012/>.
- [181] Program Committee Chair, International Conference on Image, Vision and Computing (ICIVC 2012), August 25-26, 2012, Shanghai, China.
- [182] Program Committee Chair, International Conference on Mechanics and Control Engineering, (ICMCE 2012), August 25-26, 2012, Shanghai, China.
- [183] Member of the International Program Committee, International Conference on Internet Technology and Applications (iTAP 2012), August 18-20, 2012 in Wuhan, China, [www.itapconf.org/2012](http://www.itapconf.org/2012).
- [184] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2012), July 24-27, 2012, National Chiao Tung University, Hsinchu, Taiwan, Sponsored by IEEE and Graphics Links.

- [185] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2012), July 24-27, 2012, National Chiao Tung University, Hsinchu, Taiwan, Sponsored by IEEE and Graphics Links.
- [186] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2012), July 24-27, 2012, National Chiao Tung University, Hsinchu, Taiwan, Sponsored by IEEE and Graphics Links.
- [187] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2012), July 24-27, 2012, National Chiao Tung University, Hsinchu, Taiwan, Sponsored by IEEE and Graphics Links.
- [188] Member of the Organizing Committee, The International Conference on Information Visualization (IV'2012), July 10-13, 2012, LIRMM CNRS Univ. Montpellier II, Montpellier, France, Sponsored by IEEE and Graphics Links.
- [189] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2012), July 10-13, 2012, LIRMM CNRS Univ. Montpellier II, Montpellier, France, Sponsored by IEEE and Graphics Links.
- [190] Member of the International Program Committee, International Conference on Computer & Communication Engineering (ICCCE 2012), July 03-05, 2012, Kuala Lumpur, Malaysia, <http://www.iium.edu.my/iccce/12/>.
- [191] Chair of Steering Committee, International Conference on Frontiers of Information Technology (FIT 2011), December 19-21, 2011, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [192] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2011), December 19-21, 2011, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [193] Member of the International Program Committee, World Congress on Information and Communication Technologies (WICT 2011), December 11 – 14, 2011 in Mumbai, India, <http://www.mirlabs.org/wict11>.
- [194] Member of International Scientific Committee, International Conference on Mathematical Sciences), November 23 – 26, 2011, Lahore, Pakistan.
- [195] Member of the International Program Committee, International Conference on Research & Innovations in Information Systems (ICRIIS), November 23 – 24, 2011, Kualalumpur, Malaysia, <http://seminar.utmspace.utm.my/icriis2011/>.
- [196] Member of the of the Program Committee, The International Conference on Computational Intelligence and Communication Networks (CICN2011), October 07 – 09, 2011, Gwalior, India, <http://www.cicn.info/>.
- [197] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2011), August 16-19, 2011, The Nanyang Executive Centre, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [198] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2011), August 16-19, 2011, The Nanyang Executive Centre, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [199] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools, The International Conference on Computer Graphics,

- Imaging, and Visualization (CGIV'2011), August 16-19, 2011, The Nanyang Executive Centre, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [200] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2011), August 16-19, 2011, The Nanyang Executive Centre, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [201] Member of the Organizing Committee, The International Conference on Information Visualization (IV'2011), July 12-15, 2011, The Brunei Gallery, SOAS, London University, London, UK. Sponsored by IEEE and Graphics Links.
- [202] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2011), July 12-15, 2011, The Brunei Gallery, SOAS, London University, London, UK. Sponsored by IEEE and Graphics Links.
- [203] Member of the Program Committee of the International Workshop on Computational Geometry and Applications, The International Conference on Computational Science and its Applications (ICCSA'2011), University of Cantabria, Santander, Spain, June 20-23, 2011.
- [204] Member of the of the International Program Committee of the IEEE International Conference on Communication Systems and Network Technologies (CSNT), June 03 – 05, 2011, Shri Mata Vaishno Devi University, Katra, Jammu, India, <http://www.csnt.in/>.
- [205] Member of the International Program Committee of the International Conference on Imaging and Signal Processing in Healthcare and Technology (ISPHT), May 16 – 18, 2011, Washington DC, USA.
- [206] Member of the International Program Committee of the International Conference on Sciences of Electronic, Technologies of Information and Telecommunications (SETIT), Sousse, Tunisia, May 12- 15, 2011.
- [207] Member of the Technical Committee WORKSHOP ON UNESCO-HP “BRAIN GAIN INITIATIVE” in Conjunction with: 2<sup>nd</sup> Kuwait Conf. on e-Services & e-Systems, April 5-7, 2011, Kuwait University, Kuwait ([http://www.kcess.org/UNESCO\\_Workshop.php](http://www.kcess.org/UNESCO_Workshop.php)).
- [208] Member of Steering Committee, International Conference on Frontiers of Information Technology (FIT 2010), December 21-23, 2010, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [209] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2010), December 21-23, 2010, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [210] Member of the Programme Committee, The 8<sup>th</sup> International Conference on Simulated Evolution And Learning (SEAL 2010), December 01 – 04, 2010, Indian Institute of Technology Kanpur, India, <http://www.iitk.ac.in/kangal/seal10/>.
- [211] Member of the International Program Committee of The International Conference on Computational Intelligence and Communication Networks (CICN2010), Bhopal, India, November 26- 28, 2010, <http://www.cicn.info/cicn2010.html>.
- [212] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2010), August 10-13, 2010, University of Technology, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [213] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics (Co-located with The International Conference on Computer Graphics, Imaging,

- and Visualization – CGIV’2010), August 10-13, 2010, University of Technology, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [214] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2010), August 10-13, 2010, University of Technology, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [215] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2010, August 10-13, 2010, University of Technology, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [216] Member of the Organizing Committee, The International Conference on Information Visualization (IV’2010), July 26-29, 2010, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [217] Chairman of The International Conference on Graphical Models and Imaging (GMAI’2010), July 26-29, 2010, London South Bank University, London, UK.
- [218] Member of Program Committee, Third International Conference E-Medical, Systems (E-MEDISYS 2010), May 12-14, 2010, Fez, Morocco, <http://www.setit.rnu.tn/E-medisys/>.
- [219] Member of the International Program Committee, International Conference on Computer & Communication Engineering, Kuala Lumpur, Malaysia, May 11-13, 2010, <http://www.iiu.edu.my/iccce/>.
- [220] General Co-Chair, International Conference on Frontiers of Information Technology (FIT 2009), December 16-18, 2009, COMSATS Institute of Information Technology, Abbottabad, Pakistan, <http://www.fit.edu.pk/>.
- [221] Member of Steering Committee, International Conference on Frontiers of Information Technology (FIT 2009), December 16-18, 2009, COMSATS Institute of Information Technology, Abbottabad, Pakistan, <http://www.fit.edu.pk/>.
- [222] Member of Technical Committee, International Conference on Frontiers of Information Technology (FIT 2009), December 16-18, 2009, COMSATS Institute of Information Technology, Abbottabad, Pakistan, <http://www.fit.edu.pk/>.
- [223] Publicity Chair, World Congress on Nature & Biologically Inspired Computing (NaBIC 2009), December 9-11, 2009, New Delhi, INDIA, <http://nabic-09.org>.
- [224] Chair for Special Sessions, The International Conference on Soft Computing and Pattern Recognition (SoCPaR 2009), 4-7 December 2009 (<http://www.socpar.org/>), Melaka, Malaysia.
- [225] Co-Chair, Track Signal & Image Technologies (SIT), The 5th International SITIS 2009 conference, November 29th - December 4th 2009, Marrakech, Morocco.
- [226] Member of the International Program Committee, Track Signal & Image Technologies (SIT), The 5th International SITIS 2009 conference, November 29th - December 4th 2009, Marrakech, Morocco.
- [227] Chair of the Special Session on “Soft Computing in Computer Graphics, Imaging, and Vision”, The 14th Online World Conference on Soft Computing in Industrial Applications (WSC14), November 17 – 29, 2009 - On the Internet (World Wide Web).
- [228] Member of the International Program Committee, The IFAC International Conference on Intelligent Control Systems and Signal Processing (ICONS 2009), 21-23 September 2009, Istanbul, Turkey, <http://mecha.ee.boun.edu.tr/ocs/index.php/index/index>.

- [229] Member of the International Program Committee, The International Joint Conference on INC, IMS and IDC (NMC 2009), August 25-27, 2009, Seoul, Korea, <http://www.aicit.org/NCM/>.
- [230] Member of the International Program Committee, The International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2009), London, UK, August 4-6, 2009, <http://www.dirf.org/diwt2009/>.
- [231] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2009), August 11-14, 2009, Tianjin University, Tianjin, China, Sponsored by IEEE and Graphics Links.
- [232] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV'2009), August 11-14, 2009, Tianjin University, Tianjin, China, Sponsored by IEEE and Graphics Links.
- [233] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV'2009), August 11-14, 2009, Tianjin University, Tianjin, China, Sponsored by IEEE and Graphics Links.
- [234] Member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization – CGIV'2009, August 11-14, 2009, Tianjin University, Tianjin, China, Sponsored by IEEE and Graphics Links.
- [235] Member of the Organizing Committee of The International Conference on Information Visualization (IV'2009), July 14-17, 2009, Pompeu Fabra university, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [236] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2009), July 14-17, 2009, Pompeu Fabra university, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [237] Member of the International Program Committee, The International Conference on Computing, Communications and Control Technologies(CCCT 2009), July 10 - 13, 2009, Orlando, Florida, USA, <http://www.iiis2009.org/imeti/Website/>.
- [238] Member of the International Program Committee, International Conference on New Trends in Information and Service Science (NISS 2009), 30 June - 2 July 2009 in Beijing, China, Sponsored by IEEE.
- [239] Member of the Program Committee of the International Workshop on Computational Geometry and Applications, The International Conference on Computational Science and its Applications (ICCSA'2009), Japan, March 23-26, 2009.
- [240] Member of the Organizing Committee, International Conference on Information Science, Technology, and Applications (ISTA 2009), March 20 – 22, 2009, Kuwait University, Kuwait.
- [241] Chair of the Publicity and Web Committee, International Conference on Information Science, Technology, and Applications (ISTA 2009), March 20 – 22, 2009, Kuwait University, Kuwait.
- [242] Chair of the Best Paper Award Committee, International Conference on Information Science, Technology, and Applications (ISTA 2009), March 20 – 22, 2009, Kuwait University, Kuwait.

- [243] Member of the International Program Committee, International Conference on Information Science, Technology, and Applications (ISTA 2009), March 20 – 22, 2009, Kuwait University, Kuwait.
- [244] Member of the International Technical Committee, International Conference on Information Science, Technology, and Applications (ISTA 2009), March 20 – 22, 2009, Kuwait University, Kuwait.
- [245] Member of the Programme Committee, The 7<sup>th</sup> International Conference on Simulated Evolution And Learning (SEAL 2008), December 07 – 10, 2008, Melbourne, Australia, <http://www.cs.rmit.edu.au/seal08/>.
- [246] Member of the International Program Committee, 4th International Symposium on Visual Computing, December 1-3, 2008, Las Vegas, Nevada, USA.
- [247] Member of the International Program Committee, Track Signal & Image Technologies (SIT), The 4th International SITIS 2008 conference, November 30th - December 3rd, 2008, Bali, Indonesia.
- [248] Chair of the International Technical Program Committee, The 13th Online World Conference on Soft Computing in Industrial Applications (WSC13), November 10 – 21, 2008 - On the Internet (World Wide Web).
- [249] Chair of the Special Session on “Soft Computing in Computer Graphics, Imaging, and Vision”, The 13th Online World Conference on Soft Computing in Industrial Applications (WSC13), November 10 – 21, 2008 - On the Internet (World Wide Web).
- [250] Member of the International Technical Program Committee, The 13th Online World Conference on Soft Computing in Industrial Applications (WSC13), November 10 – 21, 2008 - On the Internet (World Wide Web).
- [251] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV’2008), August 25-28, 2008, Penang, Malaysia, Sponsored by IEEE and Graphics Links.
- [252] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2008), August 25-28, 2008, Penang, Malaysia, Sponsored by IEEE and Graphics Links.
- [253] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2008), August 25-28, 2008, Penang, Malaysia, Sponsored by IEEE and Graphics Links.
- [254] member of the International Program Committee, The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2008, August 25-28, 2008, Penang, Malaysia, Sponsored by IEEE and Graphics Links.
- [255] Member of the Organizing Committee of The International Conference on Information Visualization (IV’2008), July 08-11, 2008, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [256] Chairman of The International Conference on Graphical Models and Imaging (GMAI’2008), July 08-11, 2008, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [257] Member of the International Program Committee, Computer Graphics and Geometric Modeling TSCG’2008, University of Perugia, Perugia (Italy), 30 June-3 July 2008.

- [258] Member of the 7<sup>th</sup> International Workshop on Computer Graphics and Geometric Modeling CGGM'2008, Krakow, Poland, June 23-25, 2008.
- [259] Member of the 3<sup>rd</sup> International Conference on Computer Graphics Theory and Applications (GRAPP), January 22 - 25, 2008, Funchal, Madeira - Portugal.
- [260] Member of the International Program Committee, 3<sup>rd</sup> International Conference on Computer Vision Theory and Applications (VISAPP), January 22 - 25, 2008, Funchal, Madeira - Portugal.
- [261] Member of the Technical Program Committee, IEEE International Conference on Signal Processing and Communication (ICSPC07), 24-27 November 2007, Dubai, United Arab Emirates.
- [262] Member of the Scientific Committee of the International Conference on Advanced Research in Virtual and Rapid Prototyping (VRAP'2007), Leiria, Portugal, October 2007.
- [263] Member of the International Program Committee of The 10<sup>th</sup> International Conference on CAD and Graphics, Beijing, China, October 15-18, 2007.
- [264] Chair of the Special Session on "Soft Computing in Computer Graphics, Imaging, and Vision", The 12<sup>th</sup> Online World Conference on Soft Computing in Industrial Applications (WSC12), October 16 - 26, 2007 - On the Internet (World Wide Web), <http://wsc12.softcomputing.org/>.
- [265] Member of the International Technical Program Committee, The 12<sup>th</sup> Online World Conference on Soft Computing in Industrial Applications (WSC12), October 16 - 26, 2007 - On the Internet (World Wide Web), <http://wsc12.softcomputing.org/>.
- [266] Member of the International Program Committee, International Symposium on Visual Computing (ISVC07), November 26-28, 2007, Lake Tahoe, Nevada/California, USA.
- [267] Member of the International Advisory Board of The International Conference on Multidisciplinary Information Sciences and Technologies, InSciT2007, October 25<sup>th</sup> - 28<sup>th</sup> 2007, Granada, Spain.
- [268] Member of the International Program Committee, International Conference of E-Medical Services (E-MEDISYS 2007), Fez, Morocco, October 24 - 26, 2007.
- [269] Member of the International Program Committee, International Conferences on Convergence information Technology, 2007, Korea.
- [270] Member of the International Program Committee, the workshop on Intelligent Soft Computing Approaches to Multimedia Processing (ISCAMP'2007) This workshop is organized as a part of the third International Conference on Intelligent information hiding and Multimedia Signal Processing <http://bit.kuas.edu.tw/~iihmsp07/>, November 26th-28th, 2007, Kaohsiung Cite, Taiwan.
- [271] Member of the Scientific Committee of the International Conference on Advanced Research in Virtual and Rapid Prototyping (VRAP'2007), Leiria, Portugal, October 2007.
- [272] Member of the International Program Committee of The 10<sup>th</sup> International Conference on CAD and Graphics, Beijing, China, October 15-18, 2007.
- [273] Chair of the Special Session on "Soft Computing in Computer Graphics, Imaging, and Vision", The 12<sup>th</sup> Online World Conference on Soft Computing in Industrial Applications (WSC12), October 16 - 26, 2007 - On the Internet (World Wide Web), <http://wsc12.softcomputing.org/>.
- [274] Member of the International Technical Program Committee, The 12<sup>th</sup> Online World Conference on Soft Computing in Industrial Applications (WSC12), October 16 - 26, 2007 - On the Internet (World Wide Web), <http://wsc12.softcomputing.org/>.

- [275] Member of the International Program Committee, 6<sup>th</sup> IFIP International Conference on Entertainment Computing (ICEC 2007), September 20-22, 2007, Shanghai Jiao Tong University, Shanghai, China.
- [276] Member of the International Program Committee, Computer Graphics and Geometric Modeling TSCG'2007, Sunway Lagoon Resort Hotel, Kuala Lumpur (Malaysia), August 26-30 2007.
- [277] Member of the Program Committee of the International Workshop on Computational Geometry and Applications, The International Conference on Computational Science and its Applications (ICCSA'2007), Malaysia, August 26-29, 2007.
- [278] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2007), July 25-28, 2007, Bangkok, Thailand, Sponsored by IEEE and Graphics Links.
- [279] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV'2007), July 25-28, 2007, Bangkok, Thailand, Sponsored by IEEE and Graphics Links.
- [280] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV'2007), July 25-28, 2007, Bangkok, Thailand, Sponsored by IEEE and Graphics Links.
- [281] Member of the International Program Committee of the International Conference on Artificial Intelligence and Pattern Recognition (AIPR), July 9-12, 2007, Orlando, FL, USA.
- [282] Member of the Organizing Committee of The International Conference on Information Visualization (IV'2007), July 3-6, 2007, Swiss Federal Institute of Technology, Zurich, Switzerland, Sponsored by IEEE and Graphics Links.
- [283] Chairman of The International Conference on Graphical Models and Imaging (GMAI'2007), July 3-6, 2007, Swiss Federal Institute of Technology, Zurich, Switzerland, Sponsored by IEEE and Graphics Links.
- [284] Member of the International Program Committee of the Workshop on Soft Computing in Intelligent Multimedia organized as a part of the 2007 International Conference on Multimedia and Ubiquitous Engineering - MUE07, April 26th - 28th, 2007, Seoul Olympic Parktel, Seoul, Korea.
- [285] Member of the International Program Committee of the 4th International Conference Sciences of Electronic, Technologies of Information and Telecommunications (SETIT), Hammamet, Tunisia, March 18- 22, 2007.
- [286] Member of the International Program Committee of the International Conference on Mathematics and Computer Science (ICMCS), Chennai, India, March 1-3, 2007.
- [287] Member of the 2<sup>nd</sup> International Conference on Computer Graphics Theory and Applications (GRAPP), Barcelona, Spain, March 8-11, 2007, <http://www.grapp.org/index.htm>.
- [288] Member of the International Program Committee, 2<sup>nd</sup> International Conference on Computer Vision Theory and Applications (VISAPP), Barcelona, Spain, March 8-11, 2007.
- [289] Member of the International Program Committee, International Symposium on Signal Processing and its Applications 2007 (ISSPA 2007), 12-15 February 2007, Sharjah, United Arab Emirates.

- [290] Organizer of the Special Track on “Soft Computing in Image Processing and Computer Vision” in the International Symposium on Visual Computing (ISVC), Nov. 6-8, 2006, (<http://www.isvc.net/>), Lake Tahoe, Nevada.
- [291] Member of the International Advisory Board of The International Conference on Multidisciplinary Information Sciences and Technologies, InSciT2006, (<http://www.instac.es/inscit2006/>) October 25<sup>th</sup> - 28<sup>th</sup> 2006, Mérida, Spain.
- [292] Member of the International Advisory Board of The 7<sup>th</sup> International Conference on Computer Vision, Pattern Recognition and Image Processing (CVPRIP’2006), (<http://www.jcis.org/page/welcome.html>), October 8-11, 2006, National Kaohsiung University of Applied Sciences, Kaohsiung, Taiwan.
- [293] International Co-Chair of The 11th Online World Conference on Soft Computing in Industrial Applications (WSC11) September 18th - October 06th, 2006 - On the Internet (World Wide Web), <http://www.gtrep.gatech.edu/drl/wsc11/>.
- [294] Chair of the Special Session on “Soft Computing in Computer Graphics, Imaging, and Vision”, in The 11th Online World Conference on Soft Computing in Industrial Applications (WSC11) September 18th - October 06th, 2006 - On the Internet (World Wide Web), <http://www.gtrep.gatech.edu/drl/wsc11/>.
- [295] Member of the International Technical Program Committee of The 11th Online World Conference on Soft Computing in Industrial Applications (WSC11) September 18th - October 06th, 2006 - On the Internet (World Wide Web), <http://www.gtrep.gatech.edu/drl/wsc11/>.
- [296] Member of International Program Committee of The International Conference on Visualization, Imaging, and Image Processing (VIIP’2006), Palma De Mallorca, Spain, August 28-30, 2006, Organized by IASTED.
- [297] Member of the International Program Committee of The International Conference on Embedded Systems, Mobile Communication and Computing (ICEMC<sup>2</sup>), August 4th-5th 2006, Bangalore, India
- [298] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV’2006), July 25-28, 2006, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [299] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2006), July 25-28, 2006, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [300] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2006), July 25-28, 2006, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [301] Member of the Organizing Committee of The International Conference on Information Visualization (IV’2006), July 04-07, 2006, London, U.K., Sponsored by IEEE and Graphics Links.
- [302] Chairman of The International Conference on Graphical Models and Imaging (GMAI’2006), July 04-07, 2006, London, U.K., Sponsored by IEEE and Graphics Links.
- [303] Member of the Organization Committee of the 3rd International SYMPOSIUM on VORONOI DIAGRAMS in SCIENCE and ENGINEERING (ISVD 2006). July 2 - 5, 2006, Banff, Alberta, Canada

- [304] Member of the Program Committee of the International Workshop on Computational Geometry and Applications, The International Conference on Computational Science and its Applications (ICCSA'2006), UK, May 08-11, 2006.
- [305] Member of the International Program Committee of The 9<sup>th</sup> International Conference on CAD and Graphics, Hong Kong, China, December 07-10, 2005.
- [306] Member of the Scientific Committee of the Annual World Enformatika Conference (WEC), <http://www.enformatika.com/enformatika.htm>, Istanbul, Turkey.
- [307] Member of The Steering Committee of the 2nd International Conference on Information Technology "Human Computer Interaction" (ICIT 2005), <http://www.alzaytoonah.edu.jo/scon2.1.html>, May 3-5, 2005, AL-Zaytoonah University, Amman, Jordan .
- [308] Member of The Steering Committee of the International Conference on Graphics, Vision and Image Processing (GVIP – 05), Cairo, Egypt - December 19 – 21, 2005, <http://www.icgst.com/gvip2005.html>.
- [309] Member of The Steering Committee of the International Conference on Graphics, Vision and Image Processing (GVIP – 05), Cairo, Egypt - December 19 – 21, 2005, <http://www.icgst.com/gvip2005.html>.
- [310] Member of The Steering Committee of the International Conference on Intelligence and Machine Learning (AIML – 05), Cairo, Egypt - December 19 – 21, 2005, <http://www.icgst.com/aiml2005.html>.
- [311] Member of the International Program Committee of The LUMS International Conference on Mathematics, <http://web.lums.edu.pk/~licm05/internationalprogcommittee.html>, November 27 – 30, 2005.
- [312] Member of the Scientific Committee of the 2nd International Conference on Advanced Research in Virtual and Rapid Prototyping (VRAP'2005), Leiria, Portugal, September 2005.
- [313] International Co-Chair, The 10th Online World Conference on Soft Computing in Industrial Applications (WSC10) September 19th - October 7th, 2005 - On the Internet (World Wide Web), <http://www.cranfield.ac.uk/wsc10/>.
- [314] Chair of the Special Session on “Soft Computing in Computer Graphics, Imaging, and Vision”, in The 10th Online World Conference on Soft Computing in Industrial Applications (WSC10) September 19th - October 7th, 2005 - On the Internet (World Wide Web), <http://www.cranfield.ac.uk/wsc10/>.
- [315] Member of the International Technical Program Committee of The 10th Online World Conference on Soft Computing in Industrial Applications (WSC10) September 19th - October 7th, 2005 - On the Internet (World Wide Web), <http://www.cranfield.ac.uk/wsc10/>.
- [316] Member of International Program Committee of The International Conference on Visualization, Imaging, and Image Processing (VIIP'2005), September 07 - 09, 2005 Benidorm, Spain, Organized by IASTED.
- [317] Co-Chair of The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2005), July 26-29, 2005, Beijing, China, Sponsored by IEEE and Graphics Links.
- [318] Chairman of The International Symposium on Computer Aided Geometric Design and Graphics (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV'2005), July 26-29, 2005, Beijing, China, Sponsored by IEEE and Graphics Links.

- [319] Chairman of The International Symposium on Intelligent Recognition Techniques, Applications, Systems and Tools (Co-located with The International Conference on Computer Graphics, Imaging, and Visualization – CGIV’2005), July 26-29, 2005, Beijing, China, Sponsored by IEEE and Graphics Links.
- [320] Chairman of The International Conference on Geometric Modeling, Visualization, and Graphics (Co-ordinated and Co-located with The International Joint Conference on Information Sciences – JCIS’2005), July 21 – 26, 2005, Salt Lake, USA.
- [321] Member of the Organizing Committee of The International Conference on Information Visualization (IV’2005), July 06-08, 2005, London, U.K., Sponsored by IEEE and Graphics Links.
- [322] Chairman of The International Symposium on Graphical Models and Imaging (Co-located with The International Conference on Information Visualization – IV’ 2005), July 06-08, 2005, London, U.K., Sponsored by IEEE and Graphics Links.
- [323] Member of the Technical Committee of the 1<sup>st</sup> International Conference on Information and Communication Technology’ (ICICT’2005), Karachi, Pakistan, July 23-24, 2005.
- [324] Member of the International Program Committee of the 9th World Multi-Conference on Systemics, Cybernetics and Informatics. July 10-13, 2005 (SCI 2005), <http://www.iiisci.org/sci2005/website/default.asp> - Orlando, Florida, USA.
- [325] Chairman of the International Symposium on Graphical Models and Imaging (Co-ordinated and Co-located with *The International Conference on Information Visualization – IV’2005*), July 6 – 8, 2005, <http://www.graphicslink.demon.co.uk/IV05/>, London, U.K., Sponsored by IEEE and Graphics Links.
- [326] Member of the Organizing Committee of *The International Conference on Information Visualization (IV’2005)*, July 6 – 8, 2005, <http://www.graphicslink.demon.co.uk/IV05/>, London, U.K., Sponsored by IEEE and Graphics Links.
- [327] Member of the Program Committee of the Fourth International Workshop on Computer Graphics and Geometric Modelling (CGGM 2005), <http://personales.unican.es/iglesias/CGGM2005/>, Emory University, Atlanta, USA, May 22 – 25, 2005.
- [328] Member of the Program Committee of the Information Resources Management Association International Conference (IRMA2005), San Diego, CA, USA, May 15-18, 2005.
- [329] Member of the Program Committee of the 3<sup>rd</sup> Technical Session on Computer Graphics and Geometric Modeling (TSCG’2005), <http://personales.unican.es/iglesias/TSCG2005/>, Suntec Singapore International & Convention Exhibition Centre, Singapore, May 09 - 12, 2005.
- [330] Member of the Program Committee of the 5th Annual International Workshop on Computational Geometry and Applications (CGA’05), <http://pages.cpsc.ucalgary.ca/~marina/Newweb/session.htm>, Suntec Singapore International & Convention Exhibition Centre, Singapore, May 09 - 12, 2005.
- [331] Member of the Program Committee of The International Conference on Computational Science and its Applications (ICCSA’2005), Singapore, May 09-12, 2005.
- [332] Member of the International Program Committee of the 2<sup>nd</sup> World Conference on 21st Century Mathematics 2005, School of Mathematical Sciences, GC University, Lahore, Pakistan, March 04 – 06 2005.

- [333] Member of the International Program Committee of The 3<sup>rd</sup> ACS/IEEE International Conference on Computer Systems and Applications (AICCSA'05), Cairo, Egypt, January 03-06, 2005, Sponsored by Arab Computer Society (ACS) and IEEE Computer Society.
- [334] Member of The Steering Committee of the International Conference on Graphics, Vision and Image Processing (GVIP – 04), Cairo, Egypt - December, 2004.
- [335] Member of The Steering Committee of the International Conference on Intelligence and Machine Learning (AIML – 04), Cairo, Egypt - December, 2004.
- [336] Member of the International Program Committee of First World Congress on Lateral-Computing (WCLC 2004: <http://www.lateral-computing.org/wclc/>), December 17th -19th, 2004, Bangalore India.
- [337] Member of the Technical Committee of *The International Arab Conference on Information Technology* (ACIT'2004), Mentouri University of Constantine, Algeria, December 12th - 15th, 2004.
- [338] Member of the International Technical Program Committee of The 9th Online World Conference on Soft Computing in Industrial Applications (WSC9) September 20th - October 08th, 2004 - On the Internet (World Wide Web), <http://www.cs.nmt.edu/~wsc9/>.
- [339] Member of the Organizing Committee of *The International Conference on Information and Computer Sciences* (ICICS'2004), King Fahd University of Petroleum and Minerals, Dharam-Saudi Arabia, Nov. 29 – December 01, 2004.
- [340] Member of the Technical Program Committee of *The International Conference on Information and Computer Sciences* (ICICS'2004), King Fahd University of Petroleum and Minerals, Dharam-Saudi Arabia, Nov. 29 – December 01, 2004.
- [341] Member of the Conference Secretariat Committee of *The International Conference on Information and Computer Sciences* (ICICS'2004), King Fahd University of Petroleum and Minerals, Dharam-Saudi Arabia, Nov. 29 – December 01, 2004.
- [342] Chairman of the Committee for Keynote/Invited Speakers, *The International Conference on Information and Computer Sciences* (ICICS'2004), King Fahd University of Petroleum and Minerals, Dharam-Saudi Arabia, Nov. 29 – December 01, 2004.
- [343] Chairman of The Technical Session on Graphical Models and Imaging (GMAI'04) in *The 2<sup>nd</sup> IEEE - GCC 2004 "Advancing Technology in the GCC: Challenges, and Solutions"*, Manama, Kingdom of Bahrain, Nov. 23-25, 2004.
- [344] Member of the Technical Committee of *The 2<sup>nd</sup> IEEE - GCC 2004 "Advancing Technology in the GCC: Challenges, and Solutions"*, Manama, Kingdom of Bahrain, Nov. 23-25, 2004.
- [345] Member of the International Technical Program Committee of The 9<sup>th</sup> Online World Conference on Soft Computing in Industrial Applications (WSC9) September 20th - October 08th, 2004 - On the Internet (World Wide Web), <http://www.cs.nmt.edu/~wsc9/>.
- [346] Member of International Program Committee of *The International Conference on Visualization, Imaging, and Image Processing (VIIP'2004)*, September 06-08, 2004 - Marbella, Spain, Organized by IASTED.
- [347] Co-Chairman of the *The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2004)*, July 26-29, 2004, Penang, Malaysia, Sponsored by IEEE and Graphics Links.
- [348] Chairman of the International Program Committee of *The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2004)*, July 26-29, 2004, Penang, Malaysia, Sponsored by IEEE and Graphics Links.

- [349] Member of the Organizing Committee of *The International Conference on Information Visualization (IV'2004)*, July 16-18, 2004, London, U.K., Sponsored by IEEE and Graphics Links.
- [350] Member of the International Program Committee of *The International Business Information Management Conference (IBIMC'2004)*, Amman, Jordan, July 03 – 05, 2004.
- [351] Member of the International Program Committee of International Workshop on Computer Graphics and Geometric Modeling (CGGM'2004), Krakow, Poland, June 7-9, 2004.
- [352] Member of the Advisory Board of *The International CAD Conference and Exhibition (CAD'04)*, May 24-28, 2004, Thailand.
- [353] Member of the Program Committee of The International Conference on Computational Science and its Applications (ICCSA'2004), Domus Pacis, S. Maria degli Angeli, Assisi (PG), Italy, May 14-17, 2004.
- [354] Member of the International Program Committee of *The International Conference on Computing and Information Sciences (ICCIS'2004)*, University of Qatar, Doha-Qatar March 15 – 19, 2004.
- [355] Member of the International Program Committee of the 1<sup>st</sup> World Conference on 21<sup>st</sup> Century Mathematics 2004, School of Mathematical Sciences, GC University, Lahore, Pakistan, March 04 – 06 2004.
- [356] Member of the Technical Committee of *The International Arab Conference on Information Technology (ACIT'2003)*, Egypt, December 20th - 23th, 2003.
- [357] Member of International Program Committee of *The International Conference on Visualization, Imaging, and Image Processing (VIIP'2003)*, September 08-10, 2003 - Benalmádena, Spain, Organized by IASTED.
- [358] Member of International Program Committee: *The International Conference on Computer Graphics and Imaging (CGIM'2003)*, August 13-15, 2003 - Honolulu, Hawaii, USA, Organized by IASTED.
- [359] Chairman of the *The International Conference on Geometric Modeling and Graphics (GMAG'2003)*, July 16-18, 2003, London, U.K., Sponsored by IEEE and Graphics Links.
- [360] Member of the Organizing Committee of *The International Conference on Information Visualization (IV'2003)*, July 16-18, 2003, London, U.K., Sponsored by IEEE and Graphics Links.
- [361] Member of the Technical Program Committee of International Conference on Computer Systems and Applications (AICCSA'03), Tunis, Tunisia, July 14-18, 2003, Sponsored by Arab Computer Society (ACS) and IEEE Computer Society.
- [362] Member of the Organizing Committee of *The International Conference on Imaging Science, Systems, and Technology (CISST'2003)*, June 23 - 26, 2003, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [363] Member of the International Program Committee of International Workshop on Computer Graphics and Geometric Modeling (CGGM'2003), Montreal, Canada, May 18-21, 2003.
- [364] Member of the International Program Committee of *The International Conference in Central Europe on Computer Graphics and Computer Vision (WSCG'2003)*, Plzen

- Czech Republic, in cooperation with EUROGRAPHICS and IFIP working group 5.10 on Computer Graphics and Virtual Worlds, February 03-07, 2003.
- [365] Member of the Technical Committee of *The International Arab Conference on Information Technology* (ACIT'2002), Doha-Qatar December 16th - 19th, 2002.
  - [366] Member of International Program Committee of *The International Conference on Visualization, Imaging, and Image Processing (VIIP'2002)*, September 09-12, 2002 - Malaga, Spain, Organized by IASTED.
  - [367] Member of International Program Committee: *The International Conference on Computer Graphics and Imaging (CGIM'2002)*, August 12-14, 2002 - Kauai, USA, Organized by IASTED.
  - [368] Member of the Organizing Committee: *International Conference on Information Visualization (IV'2002)*, July 25-27, 2002, London, U.K., Sponsored by IEEE and Graphics Links.
  - [369] Organizer and Chairman of the CAGD Symposium in *The International Conference on Information Visualization (IV'2002)*, July 25-27, 2002, London, U.K., Sponsored by IEEE and Graphics Links.
  - [370] Member of the Organizing Committee: *The International Conference on Imaging Science, Systems, and Technology (CISST'2002)*, June 25 - 28, 2002, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
  - [371] Member of the Program Committee: *Workshop on M-Services, Concepts, Approaches, and Tools (ISMIS'2002)*, June 26, 2002, Lyon, France, <http://www.elcomag.com/MServices2002Workshop>.
  - [372] Organizer and Chairman of the GMAI Session in *The International Conference on Imaging Science, Systems, and Technology (CISST'2002)*, June 25 - 28, 2002, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
  - [373] Vice Chairman of WICS'2002 (The KFUPM Workshop on Information & Computer Science) Program Committee, Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.
  - [374] Member of the International Program Committee of *The International Conference in Central Europe on Computer Graphics and Computer Vision (WSCG'2002)*, Plzen Czech Republic, in cooperation with EUROGRAPHICS and IFIP working group 5.10 on Computer Graphics and Virtual Worlds, February 04-08, 2002.
  - [375] Member of International Program Committee: *The International Conference on Computer Graphics and Imaging (CGIM'2001)*, August 13-16, 2001 - Honolulu, Hawaii, USA, Organized by IASTED.
  - [376] Organizer and Chairman of the GDAM Session in: *The International Conference on Computer Graphics and Imaging (CGIM'2001)*, August 13-16, 2001 - Honolulu, Hawaii, USA, Organized by IASTED.

- [377] Member of the Organizing Committee: *International Conference on Information Visualization (IV'2001)*, July 25-27, 2001, London, U.K., Sponsored by IEEE and Graphics Links.
- [378] Organizer and Chairman of the CAGD Symposium in *The International Conference on Information Visualization (IV'2001)*, July 25-27, 2001, London, U.K., Sponsored by IEEE and Graphics Links.
- [379] Member of the Organizing Committee: *The International Conference on Imaging Science, Systems, and Technology (CISST'2001)*, June 25 - 28, 2001, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [380] Organizer and Chairman of the GMAI Session in *The International Conference on Imaging Science, Systems, and Technology (CISST'2001)*, June 25 - 28, 2001, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [381] Member of the Organizing Committee: International Conference on Cooperative Design and Visualisation (CDV2001), May 28 - 30, 2001, Palma de Mallorca, Spain, Sponsored by IEEE and Graphics Links.
- [382] Dyputy Chairman of WICS'2000 (The KFUPM Workshop on Information & Computer Science) Program Committee, Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia.
- [383] Member of International Program Committee: *The International Conference on Computer Graphics and Imaging (CGIM'2000)*, November 19-23, 2000 in Las Vegas, Nevada, USA, Organized by IASTED.
- [384] Member of the Organizing Committee: *International Conference on Information Visualization (IV'2000)*, July 19 - 21, 2000, London, U.K., Sponsored by IEEE and Graphics Links.
- [385] Organizer and Chairman of the CAGD Symposium in *The International Conference on Information Visualization (IV'2000)*, July 19-21, 2000, London, U.K., Sponsored by IEEE and Graphics Links.
- [386] Organizer and Chairman of the CAGD Session in *The International Conference on Imaging Science, Systems, and Technology (CISST'2000)*, June 26 - 29, 2000, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [387] Member of the Organizing Committee: *The International Conference on Imaging Science, Systems, and Technology (CISST'2000)*, June 26 - 29, 2000, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.

- [388] Member of the International Advisory Committee for the 4th Annual International Conference on Industrial Engineering Theories, Applications and Practices, December, 1999, Huston, Texas, USA.
- [389] Member of International Program Committee: *The International Conference on Computer Graphics and Imaging (CGIM'99)*, October 25-27, 1999, Palm Springs, California USA, Organized by IASTED.
- [390] Member of the Organizing Committee: *International Conference on Information Visualization (IV'99)*, July 14-16, 1999, London, U.K., Sponsored by IEEE and Graphics Links.
- [391] Organizer and Chairman of the CAGD Symposium in *The International Conference on Information Visualization (IV'99)*, July 14-16, 1999, London, U.K., Sponsored by IEEE and Graphics Links.
- [392] Organizer and Chairman of the CAGD Session in *The International Conference on Imaging Science, Systems, and Technology (CISST'99)*, June 28-July 01, 1999, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [393] Member of the Organizing Committee: *The International Conference on Imaging Science, Systems, and Technology (CISST'99)*, June 28-July 01, 1999, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [394] Member of the Organizing Committee: *The International Conference on Information Visualization (IV'98)*, July 29-31, 1998, London, U.K., Sponsored by IEEE and Graphics Links.
- [395] Member of the Organizing Committee: *The 1998 International Conference on Imaging Science, Systems, and Technology (CISST'98)*, July 6-9, 1998, Las Vegas, Nevada, USA, Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [396] Member of the International Advisory Committee for the 3rd Annual International Conference on Industrial Engineering Theories, Applications and Practices, December 28-31, 1998, Hong Kong University of Science and Technology, Hong Kong.
- [397] Member of the Organizing Committee: *The International Conference on Information Visualization (IV'97)*, July 27-29, 1997, London, U.K, Sponsored by IEEE and Graphics Links.
- [398] Member of WICS'98 (The KFUPM Workshop on Information & Computer Science) Management Committee, Department of Information & Computer Science, King Fahd University of Petroleum & Minerals, Saudi Arabia, March 03, 1998.

## Conference Participation

- [1] The 5th International Conference on Business Intelligence (CBI'19), April 17 - 19, 2019, Beni Mellal, Morocco.
- [2] The International Conference on Computer and Information Sciences (ICCIS 2019), April 04-05, 2019, AlJouf, Saudi Arabia.
- [3] The 5<sup>th</sup> International Conference on Automation, Control Engineering & Computer Science (ACECS 2018), December 19-22, 2018, Hammamet, Tunisia.
- [4] The IEEE 5th Intl. Conference on Soft Computing & Machine Intelligence (ISCOMI 2018), November 21-22, 2018, Nairobi, Kenya.
- [5] 3<sup>rd</sup> International Conference on Computing, Communication & Security (ICCCS 2018), October 25-27, 2018, Kathmandu, Nepal.
- [6] The 18th IFAC Conference on Technology, Culture & International Stability (TECIS'18), September 13-15, 2018, Baku, Azerbaijan.
- [7] The 6th International Conference on Control and Optimization with Industrial Applications (COIA'18), July 11-13, 2018, Baku, Azerbaijan.
- [8] The International Conference on Business Intelligence (CBI'18), April 25 - 27, 2018, Beni Mellal, Morocco.
- [9] The 2<sup>nd</sup> International Conference on Computing Sciences and Engineering (ICCSE' 2018), March 11-13, 2018, Kuwait University, Kuwait.
- [10] Workshop on "Current Challenges and Future Prospects for the Oil Industry" on Wednesday, November 01, 2017, Kuwait University, Sponsored by Research Sector, Kuwait University.
- [11] The 19th International Conference on Value Engineering and Cost Reduction (ICVECR 2017), October 26-27, 2017, Bangkok, Thailand, WASET.
- [12] International Conference on Sustainable Agriculture using Water Fund Technology, October 23-25, 2017, Arab Planning Institute, Kuwait, Sponsored by Kuwait Water Association.
- [13] Value Summit 2017, Philadelphia, PA, USA, August 27-30, 2017, SAVE, USA.
- [14] The International Conference on Information Visualization (IV'2017), July 11-14, 2017, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [15] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2017), May 22 - 25, 2017, Cadi Ayyad University, Marrakesh, Morocco, Sponsored by IEEE and Graphics Links.
- [16] The International Conference on Business Intelligence (CBI'17), March 29 - 31, 2017, Beni Mellal, Morocco.
- [17] International Conference on Frontiers of Information Technology (FIT 2016), December 19-21, 2016, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [18] 10th IEEE International Conference on Open Source Systems and Technologies (ICOSST 2016), December 15-17, 2016, Al-Khawarizmi Institute of Computer Science, University of Engineering and Technology (UET), Lahore, Pakistan.
- [19] Conference on Graduate Studies and Scientific Research in Gulf Cooperation Council (GCC) Countries: Present Challenges & Future Aspirations, Kuwait University, November 01-03, 2016.

- [20] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2016), March 29 – April 01, 2016, Sultan Moulay Sliman University, Beni Mellal city, Morocco, Sponsored by IEEE and Graphics Links.
- [21] International Conference on Frontiers of Information Technology (FIT 2015), December 14-16, 2015, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [22] International Conference on Information Security and Cyber Forensics (InfoSec2015), Cape Town, South Africa, November 15-17, 2015, IEEE.
- [23] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2015), July 21–24, 2015, The University of Barcelona, Barcelona, Spain, ponsored by IEEE and Graphics Links.
- [24] The International Conference on Information Visualization (IV'2015), July 21-24, 2015, The University of Barcelona, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [25] The International Conference on Graphical Models and Imaging (GMAI'2015 July 21-24, 2015, The University of Barcelona, Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [26] Workshop on “The Computing Professional Skills Assessment: An Innovative Method for Teaching and Assessing the ABET Computing Professional Skills to Ensure Graduate Employability”, College of Computing Sciences and Engineering, May 6, 2015, Kuwait University, Kuwait.
- [27] International Conference on Communication, Management and Information Technology (ICCMIT'15), Prague, Czech Republic, April 20-22, 2015, <http://www.iccmit.net>.
- [28] The Second International Conference on Artificial Intelligence and Pattern Recognition (AIPR 2015), April 16-18, 2015, Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences (SIAT-CAS), Shenzhen, China.
- [29] First International Conference on Computing Sciences and Engineering (ICCSE 2015), March 15-17, 2015, Kuwait University, Kuwait.
- [30] International Conference on Frontiers of Information Technology (FIT 2014), December 16-18, 2014, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [31] The 4th International Conference on Electronics, Communications and Networks (CECNet 2014), December 12 – 15, 2014, Beijing, China.
- [32] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2014), August 06 – 08, 2014, Nanyang Technological University, Singapore.
- [33] The International Conference on Information Visualization (IV'2014), July 15-18, 2014, University of Paris Descartes, Paris, France.
- [34] The International Conference on Graphical Models and Imaging (GMAI'2014), July 15-18, 2014, University of Paris Descartes, Paris, France.
- [35] The 5th International Conference on Computer Science and Software Engineering (CSSE 2014), January 12 – 14, 2014, Shenzhen, China.
- [36] International Conference on Frontiers of Information Technology (FIT 2013), December 16-18, 2013, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>.
- [37] The IEEE 6th International Conference on Information Technology, (ICIT 2013), Al-Zaytoonah University, Jordan, May 8-10, 2013.

- [38] 3rd International Symposium on Automatic Amazigh Processing (SITACAM 2013), May 2-4, 2013, Sultan Moulay Slimane University, Béni Mellal, Morocco.
- [39] The 13th WSEAS International Conference on Applied Computer Science (ACS 2013), April 23-25, 2013, Iwate Prefectural University, Morioka City, Iwate, Japan.
- [40] The 3rd International Conference on Computer and Management (CAMAN 2013), Wuhan, China, March 10-12, 2013.
- [41] The International Conference on Image Processing (CIP 2013), January 4-6, 2013 Sanya, Hainan Island, China.
- [42] International Conference on Image, Vision and Computing (ICIVC 2012), August 25-26, 2012, Shanghai, China.
- [43] International Conference on Mechanics and Control Engineering, (ICMCE 2012), August 25-26, 2012, Shanghai, China.
- [44] Workshop on Research Excellence Framework, March 22, 2012, Costa del Sol Hotel, Shaab, Gulf Road, Kuwait, British Council.
- [45] The International Conference on Machine Learning and Computing (ICMLC 2012), Hong Kong, China, March 10 – 12, 2012, ASME.
- [46] The International Conference on Computer Technology and Development (ICCTD 2011), Chengdu, China, November 25-27, 2011, ASME.
- [47] The International Conference on Information and Intelligent Computing (ICIIC 2011), Hong Kong, China, November 25-27, 2011, IASCIT.
- [48] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2011), August 16-19, 2011, The Nanyang Executive Centre, Nanyang Technological University, Singapore, Sponsored by IEEE and Graphics Links.
- [49] Kuwait Conference on e-Services & e-Systems, April 5-7, 2011, Kuwait University, Kuwait (<http://www.kcess.org>), Co-operated by ACM.
- [50] International Multi-Conference on Systems, Signals & Devices (SSD2011), March 22-25, 2011, Sousse, Tunisia, Sponsored by IEEE.
- [51] International Conference on Frontiers of Information Technology (FIT 2010), December 21-23, 2010, COMSATS Institute of Information Technology, Islamabad, Pakistan, <http://www.fit.edu.pk/>, Co-operated by ACM.
- [52] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2010), August 10-13, 2010, University of Technology, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [53] The International Conference on Graphical Models and Imaging (GMAI'2010), July 26-29, 2010, London South Bank University, London, UK.
- [54] The International Conference on Information Visualization (IV'2010), July 26-29, 2010, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [55] International Conference on Frontiers of Information Technology (FIT 2009), December 16-18, 2009, COMSATS Institute of Information Technology, Abbottabad, Pakistan, <http://www.fit.edu.pk/>, Sponsored by ACM.
- [56] The International Conference on Soft Computing and Pattern Recognition (SoCPaR 2009), 4-7 December 2009 (<http://www.socpar.org/>), Melaka, Malaysia, Sponsored by IEEE.
- [57] The 22nd Australasian Joint Conference on Artificial Intelligence (AI'09), December 1- 4, 2009. The University of Melbourne, Melbourne, Australia.
- [58] The 5th International SITIS 2009 conference, November 29th - December 4th 2009, Marrakech, Morocco, Sponsored by IEEE and ACM.

- [59] The 14<sup>th</sup> Online World Conference on Soft Computing in Industrial Applications (WSC14), November 17 – 29, 2009 - On the Internet (World Wide Web).
- [60] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2009), August 11-14, 2009, Tianjin University, Tianjin, China, Sponsored by IEEE and Graphics Links.
- [61] The International Conference on Geometric Modeling and Imaging (GMAI'2009), July 14-17, 2009, Pompeu Fabra university (UPF), Barcelona, Spain, Sponsored by IEEE and Graphics Links.
- [62] International Conference on Information Science, Technology, and Applications (ISTA 2009), March 20 – 22, 2009, Kuwait University, Kuwait, Sponsored by ACM.
- [63] Workshop on BioInformatics, March 15 – 19, 2009, Kuwait University, Kuwait.
- [64] The 13<sup>th</sup> Online World Conference on Soft Computing in Industrial Applications (WSC13), November 10 – 21, 2008 - On the Internet (World Wide Web).
- [65] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2008), August 25-28, 2008, Penang, Malaysia, Sponsored by IEEE and Graphics Links.
- [66] The International Conference on Information Visualization (IV'2008), July 08-11, 2008, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [67] The International Conference on Graphical Models and Imaging (GMAI'2008), July 08-11, 2008, London South Bank University, London, UK, Sponsored by IEEE and Graphics Links.
- [68] The 12th Online World Conference on Soft Computing in Industrial Applications (WSC12), October 16 – 26, 2007 - On the Internet (World Wide Web), <http://wsc12.softcomputing.org/>.
- [69] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2007), July 25-28, 2007, Bangkok, Thailand, Sponsored by IEEE and Graphics Links.
- [70] The International Conference on Graphical Models and Imaging (GMAI'2007), July 3-6, 2007, Swiss Fedral Institute of Technology, Zurich, Switzerland, Sponsored by IEEE and Graphics Links.
- [71] The 22nd Annual ACM Symposium on Applied Computing, March 11-15, 2007, Seoul, Korea.
- [72] The fifth ACS/IEEE International Conference on Computer Systems and Applications (AICCSA-07), May 13 – 16, 2007, Amman, Jordan.
- [73] The International Symposium on Signal Processing and its Applications 2007 (ISSPA 2007), 12-15 February 2007, Sharjah, United Arab Emirates.
- [74] Workshop on “Research Methods”, December 20, 2006, Organized by Department of Information and Computer Science, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [75] Workshop on “Effective use of Collaborative Learning in the Classroom”, September 20, 2006, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [76] The 11th Online World Conference on Soft Computing in Industrial Applications (WSC11) September 18 – October 06, 2006.
- [77] Workshop on “Good Learning and Good Teaching: How do we Promote more of it?”, September 04, 2006, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.

- [78] Workshop on “Using Course Design to Create more Significant Learning Experiences for Students”, September 03 – 04, 2006, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [79] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV’2006), July 26 – 29, 2006, Sydney, Australia, Sponsored by IEEE and Graphics Links.
- [80] The 12th International Congress on Computational and Applied Mathematics (ICCAM’06), July 10 – 14, 2006, Ketholic University, Leuven, Belgium.
- [81] The International Conference on Information Visualization (IV’2006), July 04-07, 2006, London, U.K., Sponsored by IEEE and Graphics Links.
- [82] The International Conference on Information Visualization (IV’2006), July 04-07, 2006, London, U.K., Sponsored by IEEE and Graphics Links.
- [83] The 4th ACS/IEEE International Conference on Computer Systems and Applications, March 8-11, 2006, Dubai/Sharjah, UAE, American University of Sharjah (AUS) & Dubai Silicon Oasis (DSO).
- [84] Second Workshop on “Contract Research”, December 20, 2005, Research Institute, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [85] Discussion Forum on “Material Available to KFUPM Students in Students’ Service Centers”, November 29, 2005, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [86] Workshop on “Research Quality at KFUPM”, October 11, 2005, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [87] The 10th Online World Conference on Soft Computing in Industrial Applications (WSC10) September 19 – October 07, 2005.
- [88] Workshop on Basics of WebCT, September 25 & 27, 2005, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [89] Workshop on Evaluating the Quality of Teaching: An Institutional Framework, September 03, 2005, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [90] Workshop on Graduates for Tomorrow’s World: Developing University Curricula and Teaching for Generic Attributes, September 04, 2005, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [91] The International Conference on Fuzzy logic, soft computing and computational intelligence: Theories and Applications (IFSA’2005), July 28-31, 2005, Beijing, China, Organized by International Fuzzy Systems Association.
- [92] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV’2005), July 26-29, 2005, Beijing, China, Sponsored by IEEE and Graphics Links.
- [93] The International Conference on Geometric Modeling, Visualization, and Graphics (Co-ordinated and Co-located with The International Joint Conference on Information Sciences – JCIS’2005), July 21 – 26, 2005, Salt Lake, USA.
- [94] The International Conference on Information Visualization (IV’2005), July 06-08, 2005, London, U.K., Sponsored by IEEE and Graphics Links.
- [95] Workshop on Experience Sharing in Developing Online Courses, May 01, 2005, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.

- [96] The International Conference on Information and Computer Sciences (ICICS'2004), King Fahd University of Petroleum and Minerals, Dhahran-Saudi Arabia, Nov. 29 – December 01, 2004.
- [97] The 2nd IEEE – GCC 2004 “Advancing Technology in the GCC: Challenges, and Solutions”, Manama, Kingdom of Bahrain, Nov. 23-25, 2004.
- [98] The 9th Online World Conference on Soft Computing in Industrial Applications (WSC9) September 20 – October 8, 2004, <http://wsc9.softcomputing.net>.
- [99] Workshop on Active Learning to Foster Critical Thinking of Students, September 06, 2004, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [100] Workshop on Developing the Communication Skills of Students, September 04-05, 2004, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [101] The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2004), July 26-29, 2004, Penang, Malaysia, Sponsored by IEEE and Graphics Links.
- [102] The International Conference on Information Visualization (IV'2004), July 14-16, 2004, London, U.K., Sponsored by IEEE and Graphics Links.
- [103] The 11th Annual IEEE Technical Exchange Meeting, KFUPM, Dhahran, Saudi Arabia, April 13-14, 2004.
- [104] The Workshop on Strategic Planning, April 12-13, 2004, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [105] The 10th IEEE International Conference On Electronics, Circuits and Systems (ICECS'2003), December 14-18, 2003, Sharjah, United Arab Emirates (UAE).
- [106] The 8th Online World Conference on Soft Computing in Industrial Applications (WSC8) September 29 - October 10, 2003 - On the Internet (World Wide Web), <http://wsc8.e-technik.uni-dortmund.de/>.
- [107] The International Conference on Geometric Modeling and Graphics (GMAG'2003), July 16-18, 2003, London, U.K., Sponsored by IEEE and Graphics Links.
- [108] The International Conference on Information Visualization (IV'2003), July 16-18, 2003, London, U.K., Sponsored by IEEE and Graphics Links.
- [109] The International Conference on Computational Science and Its Applications (ICCSA'03), Montreal, Canada, May 18-21, 2003.
- [110] The International Workshop on Computer Graphics and Geometric Modeling (CGGM'2003), Montreal, Canada, May 18-21, 2003.
- [111] The 6th Saudi Engineering Conference, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, December 14 - 17, 2002.
- [112] The International Arab Conference on Information Technology (ACIT'2002), Doha-Qatar, December 16th - 19th, 2002.
- [113] The 7th Online World Conference on Soft Computing in Industrial Applications (WSC7) September 23 -- October 4, 2002 - On the Internet (World Wide Web), <http://decsai.ugr.es/wsc7>.
- [114] The Workshop on Striving for Excellence in University Teaching and Learning II, August 27-29, 2002, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [115] The Workshop on the Overview of Faculty Practice Standards and Campus Life at King Fahd University of Petroleum and Minerals, Saudi Arabia, August 25, 2002, Organized by

- Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [116] The International Conference on Information Visualization (IV'2002), July 10-12, 2002, London, U.K., Sponsored by IEEE and Graphics Links.
  - [117] The 2nd WSEAS International Conference On Scientific Computation And Soft Computing, July 07-13, 2002, Crete, Greece.
  - [118] The International Conference on Imaging Science, Systems, and Technology (CISST'2002), June 24 - 27, 2002, Las Vegas, Nevada, USA.
  - [119] The Workshop on Striving for Excellence in University Teaching and Learning – III, April 07 - 16, 2002, Academic Development Center, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [120] The Workshop on Enhancing Student Learning at King Fahd University of Petroleum and Minerals, March 26, 2002, Organized by Academic Development Center, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [121] The Workshop on Introduction to WebCT, Jan 28, Feb 04, Feb 11, 2002, Organized by Academic Development Center, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [122] The 6th Online World Conference on Soft Computing in Industrial Applications (WSC6) September 10 - 24, 2001 -- On the Internet (World Wide Web), <http://vision.fhg.de/wsc6/>.
  - [123] The Workshop on the Overview of Faculty Practice Standards and Campus Life at King Fahd University of Petroleum and Minerals, Saudi Arabia, August 25, 2002, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [124] The Workshop on Striving for Excellence in University Teaching and Learning II, August 27-29, 2002, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [125] The International Conference on Computer Graphics and Imaging (CGIM'2001), August 13-16, 2001 in Las Vegas, Nevada, USA, Organized by IASTED.
  - [126] International Conference on Information Visualization (IV'2001), London, UK, July 25 - 27, 2001.
  - [127] International Conference on Imaging Science, Systems, and Technology (CISST'2001), June 25 - 28, 2001, Las Vegas, Nevada, USA.
  - [128] The Workshop on Striving for Excellence in University Teaching and Learning, April 28-May 01, 2001, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [129] The Workshop on Discussion Forum On Student Learning at Kfupm: Challenges And Opportunities, March 25, 2001, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [130] The International Conference on Computer Graphics and Imaging (CGIM'2000), November 19-23, 2000 in Las Vegas, Nevada, USA, Organized by IASTED.
  - [131] The Workshop on Instructional Technology, November 04-08, 2000, Organized by Academic Development Centre, King Fahd University of Petroleum and Minerals, Saudi Arabia.
  - [132] The Third KFUPM Workshop on Information and Computer Science: Software Development for the New Millennium (WICS'2000), October 22-23, 2000, Organized by

- Information and Computer Science Department, King Fahd University of Petroleum and Minerals, Saudi Arabia Saudi Arabia.
- [133] International Conference on Information Visualization (IV'2000), London, UK, July 19 - 21, 2000.
  - [134] International Conference on Imaging Science, Systems, and Technology (CISST'2000), June 26 - 29, 2000, Las Vegas, Nevada, USA.
  - [135] International Conference on Information Visualization (IV'99), London, UK, July 14-16, 1999.
  - [136] International Conference on Imaging Science, Systems, and Technology (CISST'99), June 28-July 01, 1999, Las Vegas, Nevada, USA.
  - [137] International Conference on Information Visualization (IV'98), London, UK, July 29-31, 1998.
  - [138] International Conference on Imaging Science, Systems, and Technology (CISST'98), July 6-9, 1998, Las Vegas, Nevada, USA.
  - [139] Computer Graphics International '98, Hanover, Germany, June 22-26, 1998.
  - [140] International Conference on Information Visualization (IV'97), London, UK, August 27-29, 1997.
  - [141] 2nd International Conference on the Application of Numerical Methods in Engineering, Selangor, Malaysia, June 23-25, 1997.
  - [142] Computer Graphics International'97, Hasselt, Belgium, June 24-28, 1997.
  - [143] International Conference on Operations and Quantitative Management, India, January 5-8, 1997.
  - [144] ISCIS XI: The Eleventh International Symposium on Computer and information Sciences, Antalya, Turkey, November 6-8, 1996.
  - [145] CADEX'96: The International Conference and Exhibition on Computer Aided Design, Hagenberg, Austria, September 9-11, 1996.
  - [146] 6th International Conference on Computer Theory and Applications, Alexandria, Egypt, September 3-5, 1996.
  - [147] 7th IMA Conference on the Maths. of Surfaces, Dundee, U.K, September 2-4, 1996.
  - [148] Fifth International Conference of ISOSS, Malang, Indonesia, August 24-31, 1996.
  - [149] Seventh International Conference on Engineering Computer Graphics and Descriptive Geometry, Cracow, Poland, July 18-22, 1996.
  - [150] 3rd Annual IEEE Technical Exchange Meeting, KFUPM, Dhahran, Saudi Arabia, June 4, 1996.
  - [151] Mini Symposium on Computer Simulation and its Applications, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, May 21, 1996.
  - [152] IASTED International Conference on Modelling and Simulation, Pittsburgh, Pennsylvania, USA, April 25-27, 1996.
  - [153] ICSC'95: Third International Computer Science Conference, Hong Kong, December 11-13, 1995.
  - [154] ISCIS X: The Tenth International Symposium on Computer and information Sciences, Kusadasi, Turkey, October 30-November 1, 1995.
  - [155] CAD and Graphics'95: 4th International Conference on CAD and Graphics, Wuhan, China, October 23-25, 1995.
  - [156] International Conference on Pure and Applied Mathematics, Bahrain, November 19-22, 1995.

- [157] International Symposium on Scientific Computing, Computer Arithmetic and Validated Numerics, Wuppertal, Germany, September 26-29, 1995.
- [158] Computer Graphics International, Pohang, Korea, June 24-28, 1995.
- [159] Mini Symposium on Optimization Theory and Applications, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, May 30, 1995.
- [160] The Fourth International Conference of ISOSS, Lahore, Pakistan, August 27-31, 1994.
- [161] Workshop on "PC's Hardware Maintenance", University Grants Commission (NAHE), Pakistan (held in UGC Regional Centre, Lahore, Pakistan), September 27-October 03, 1993.
- [162] Workshop on "Computer Algebra", University Grants Commission (NAHE), Islamabad, Pakistan (held in the Department of Computer Science, University of the Punjab, Lahore, Pakistan), December 16-21, 1992.
- [163] Workshop on "Computational Methods", University Grants Commission (NAHE), Islamabad, Pakistan, January 01-09, 1992.
- [164] The First National Symposium on artificial Intelligence, Baragali, Pakistan, August 10-13, 1991.
- [165] 3rd National Computer Conference, Pakistan Computer Bureau, Islamabad, Pakistan, January 14-16, 1991.

## Honors and Awards

- Best Paper Award for the paper “Design Transformation to Reduce Cost in Irrigation Using Value Engineering”, in the 19th International Conference on Value Engineering and Cost Reduction (ICVECR 2017), October 26-27, 2017, Bangkok, Thailand.
- Advisee for Best Capstone Project, Department of Information Science, Kuwait University, Spring 2013.
- Appreciation for Best Advisee for Capstone Project, Department of Information Science, Kuwait University, Spring 2013.
- Appreciation for Best Advisee for Capstone Project, Department of Information Science, Kuwait University, 2011.
- Award for Excellence in Research, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, 2005.
- Selected for “Distinguished and Admirable Achievers”, South-Asia (INTL.) Publishing Co., India, 2005.
- Award for Contribution to the Department of Information and Computer Science, College of Computer Sciences and Engineering, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, 2004.
- Selected in the List of Ph.D. Supervisors of the Ph.D Program of The Ministry of Science and Technology, Pakistan, Since 2003.
- Achievement Award, By *The World Academy of Sciences*, in Recognition and Appreciation of Contributions to the set of 2002 International Conferences (PDPTA+CISST, IC-AI, IC, METMBS, ERSA, CIC, VLSI, IKE, ICMLA, ICWN, SERP, SAM), Las Vegas, Nevada, USA, 2002.
- Achievement Award, By *The World Academy of Sciences*, in Recognition and Appreciation of Contributions to the set of 2001 International Conferences (PDPTA+CISST, IC-AI, IC, METMBS, ERSA, ISE, CIC), Las Vegas, Nevada, USA, 2001.
- Awarded Diploma for Internationally Registered Technology Specialist, by International Technology Institute, USA, 2002.
- Awarded Diploma for Internationally Registered Technology Specialist, by International Technology Institute, USA, 2001.
- Selected for “Asian/American Who’s Who”, since 2001.
- Selected for “Asia/Pacific Who’s Who”, Rifacimento International Publisher, India, since 2004.
- Excellence in Teaching and Advising, College of Computer Sciences and Engineering, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, 2001.
- Excellence in Administrative Services, Department of Information and Computer Science, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia, 2000.
- Selected for “Marqui’s Who’s Who in Science and Engineering”, since 1999.
- Selected for “Marqui’s Who’s Who in the World”, since 1998.
- Selected for “Asia/Pacific Who’s Who”, Volume V, 2004, Rifacimento International, India.
- Selected for “Dictionary of International Biography”, The International Biographical Centre of Cambridge, U.K, since 1997.
- Selected for “International Who’s Who of Professionals”, since 1997.

- International Man of the year 1995/96, awarded by The International Biographical Centre of Cambridge, U.K.
- MRS Prize (carries **cash award** and a **Gold Medal**), for Scientists under 40 (1994/95), awarded by Pakistan Academy of Sciences.
- Throughout first class academic career (with scholarship in Intermediate, B.Sc, M.Sc. (Pak), M.Sc. (UK), Ph.D. (UK))
- Quaid-i-Azam Scholarship for Ph.D. by the Government of Pakistan.
- First Position and Gold Medal in M.Sc. among thousands of students of the University of the Punjab, Pakistan.
- Third Position in B.Sc. among thousands of students of the University of the Punjab, Pakistan.

## Editorial

- [1] Editor-in-Chief, Information Sciences Letters\_NLP (ISL), An International Journal, Natural Sciences Publishing.
- [2] Editor-in-Chief, International Journal of Computer Vision and Image Processing (IJCVIP), IGI Global, (2011-2015).
- [3] Associate Editor, International Journal “Virtual & Physical Prototyping”, <http://www.tandf.co.uk/journals/boards/nvpp-edbrd.asp>, Taylor & Francis.
- [4] Associate Editor of The International Journal of Computers and Their Applications (IJCA), <http://www.isca-hq.org/journal.htm>, ISCA, (1996-2006).
- [5] Associate Editor of the *Punjab University Journal of Mathematics, Pakistan* (since 1991).
- [6] Member of Editorial Review Board for the International Journal of Applied Evolutionary Computation (IJAEC)”, <http://www.igi-global.com/journal/international-journal-applied-evolutionary-computation/1127>, IGI Global.
- [7] Associate Editor, The *International Journal of Computing and Information Sciences* (IJCIS), <http://www.ijcis.info/>, APCEP Publisher, Canada, Since 2015.
- [8] Member of the Editorial Board, Transactions on Computational Science, Springer, Since 2002.
- [9] Member of International Advisory Board, International Journal of Extreme Automation and Connectivity in Healthcare (IJEACH), <https://www.igi-global.com/journal/international-journal-extreme-automation-connectivity/188743>, IGI Global, Since 2017.
- [10] Member of Editorial Review Board, International Journal of Extreme Automation and Connectivity in Healthcare (IJEACH), <https://www.igi-global.com/journal/international-journal-extreme-automation-connectivity/188743>, IGI Global, Since 2017.
- [11] Associate Editor, International Journal of Cognitive Informatics and Natural Intelligence (IJCINI), <https://www.igi-global.com/journal/international-journal-cognitive-informatics-natural/1095>, IGI Global, Since 2018.
- [12] Member of Editorial Review Board, The International Journal of Applied Evolutionary Computation (IJAEC), <http://www.igi-global.com/journal/international-journal-applied-evolutionary-computation/1127>, IGI Global.
- [13] Editor, Biostatistics and Biometrics Open Access Journal (BBOAJ), <https://juniperpublishers.com/bboaj/index.php>, Juniper Publishers.
- [14] Member of the Editorial Board, Indian Journal of Computing & Software Testing, Eureka Journals, <http://technology.eurekajournals.com/index.php/IJCST> (Since 2017).
- [15] Member of the Editorial Board, Oriental Journal of Computer Science And Technology, [info@computersciencejournal.org](mailto:info@computersciencejournal.org) (Since 2018).
- [16] Member of the Editorial Board, Mediterranean Journal of Basic and Applied Sciences, <http://mjbas.com/> (Since 2017).
- [17] Member of the Editorial Board, International Journal of Computer & Software Engineering (IJCSE), [https://www.graphyonline.com/journal/journal\\_home.php?journalid=IJCSE](https://www.graphyonline.com/journal/journal_home.php?journalid=IJCSE), Graphy Publications (Since 2016).
- [18] Member of the Editorial Board, Journal of Computer Science, Science Publications, <http://thescipub.com/journals/jcs>, since June 2017.
- [19] Member of the Editorial Board, Asian Journal of Applied Science and Technology, <http://ajast.net/>.

- [20] Member of the Editorial Board, Advances in Computer Sciences, Boffin Access Inc., <http://www.boffinaccess.com/journals/advances-in-computer-sciences/index.php>, since 2017.
- [21] Member of the Scientific Board, Journal of Future Interdisciplinary Technologies (JFIT), Cambridge International Academics, <http://www.cambridgeint.uk/jfit>. since 2017.
- [22] Member of the Editorial Board, International Journal of Convergence Information Technology (JCIT), Korea.
- [23] Member of the Editorial Board, International Journal of Distributed Systems and Technologies (IJDST), IGI Global.
- [24] Member of the Editorial Board, The Scientific World Journal, Hindawi Publishing Corporation.
- [25] Member of the Editorial Board, International Journal of Computer Science Letters (IJCSL), ISSR, <http://www.issres.net/journal/index.php/csl/>.
- [26] Member of the Advisory Board, BLOBUS International Journal of of MANAGEMENT & IT ([www.globusjournal.com](http://www.globusjournal.com)), Sabisa Info Technology.
- [27] Member of the Review Board, International Journal of Computational Science (IJCS) (<http://www.gip.hk/ijcs/>), Global Information Publisher.
- [28] Member of the Editorial Board, International Journal of Arts and Technology (IJART) (<http://www.inderscience.com/browse/index.php?journalID=264>), Inderscience Publisher.
- [29] Member of the Editorial Board, International Journal of Theoretical and Applied Computer Sciences (IJTACS), GBS Publishers.
- [30] Member of the Editorial Committee, International Journal of Lateral Computing (IJLC).
- [31] Theme Chair for Computer Graphics, Vision and Image Processing, International Journal of Lateral Computing (IJLC).
- [32] Member of Technical Program Committee, International Journal of Lateral Computing (IJLC).
- [33] Member of The Editorial Bboard of the International Journal of Information Technology (IJIT), <http://www.ijit.org/editorial.htm>.
- [34] Member Steering Committee of the ICGST International Journal on Graphics, Vision and Image Processing (GVIP), <http://www.icgst.com/GVIP.html>.
- [35] Member Steering Committee of the ICGST International Journal on Intelligence and Machine Learning (AIML), <http://www.icgst.com/AIML.html>.
- [36] Technical Editor of the *International Journal of Computer Science* (IJCS), ISSN 1549-3636, Published by Asian Network for Scientific Information on behalf of National Institute for the Promotion of Research Activities, USA, [http://www.ansinet.net/c4p.asp?dsn=dsn\\_jcs&jid=jcs](http://www.ansinet.net/c4p.asp?dsn=dsn_jcs&jid=jcs).
- [37] Editor of the *International journal of management and information in health*, The medical university of Isfahan., Iran, (JMIH).
- [38] Guest Editor of the *International Journal of Information Science*, (2003).
- [39] Guest Editor of the *International Journal of Information Science*, (2002).
- [40] Member of the Technical Committee for *International Arab Journal of Information Technology* (IAJIT).
- [41] Publication Officer of the Information Visualisation Society, (1999-2001).
- [42] Newsletter Editor, IEEE Computer Society Chapter, Saudi Arabia, (since 2000).
- [43] Co-Editor of the Proceedings of the series of *IEEE International Conferences on Information Visualization* (since 1998).

- [44] Co-Editor of the Proceedings of the series of *International Conference on Geometric Modeling and Imaging* (since 1998).
- [45] Co-Editor of the Proceedings of the series of *International Conference on Computer Graphics, Imaging, and Visualisation* (since 2000).

## Reviewer

- [1] Reviewer for IEEE Computing in Science & Engineering.
- [2] Reviewer for IEEE Transactions on Image Processing.
- [3] Reviewer for IEEE Transactions on Visualization & Computer Graphics
- [4] Reviewer for ACM (Association of Computing) Transactions on Computer Graphics.
- [5] Reviewer for Mathematical Modelling and Analysis, Taylor & Francis
- [6] Reviewer for IET Journal of Image Processing.
- [7] Reviewer for IET Journal of Computer Vision.
- [8] Reviewer for International Journal of Information Retrieval Research (IJIRR), IGI Global, USA.
- [9] IET Journal of Computer Vision.
- [10] Reviewer for Sains Malaysiana Journal, Universiti Kebangsaan Malaysia.
- [11] Reviewer for Malaysiana Journal of Computer Science, University of Malaya, Malaysia.
- [12] Reviewer for the International Journal of Visual Communication and Image Representation, Elsevier.
- [13] Reviewer for the International Journal of Computer Methods and Programs in Biomedicine, Elsevier.
- [14] Reviewer for the International Journal of Pattern Recognition Letters.
- [15] Reviewer for the International Journal of Pattern Recognition, Elsevier.
- [16] Reviewer for the International Journal of Computers & Electrical Engineering, Elsevier.
- [17] Reviewer for the International Journal of Mathematical Imaging and Vision.
- [18] Reviewer for the International Journal of Computer-Aided Design, Elsevier.
- [19] Reviewer for the International Journal of Computer Aided Geometric Design, Elsevier.
- [20] Reviewer for The Imaging Science Journal, Maney Publishing.
- [21] Reviewer for the International Journal of Computers and Their Applications (IJCA), ISCA.
- [22] Reviewer for the International Journal of Computers and Mathematics with Applications, Elsevier.
- [23] Reviewer for the International Journal of Applied Soft Computing, Elsevier.
- [24] Reviewer for the International Journal of Applied Mathematics and Computation (AMC), Elsevier.
- [25] Reviewer for the International Journal of Applied Mathematics and Computing (JAMC), Elsevier.
- [26] Reviewer for the International Journal of Computer Mathematics, Taylor & Francis.
- [27] Reviewer for the World Applied Science Journal, International Digital Organization for Scientific Information.
- [28] Reviewer for the Journal of Software, Academy Publisher.
- [29] Reviewer for the Scientific World Journal, Hindawi Publishing Corporation.
- [30] Reviewer for the International Journal of Computers and Applications (IJCA), ACTA Press / IASTED.
- [31] Reviewer for the International Journal of Arts and Technology (IJART), Inderscience.

- [32] Reviewer for the International Journal: *Information Sciences*, Elsevier.
- [33] Reviewer for the International Journal: *International Journal of Computers & Graphics*, Elsevier.
- [34] Reviewer for the International Journal of Computational Science (IJCS), Global Information Publisher.
- [35] Reviewer for *Arabian Journal for Science & Engineering*, King Fahd University of Petroleum and Minerals, Saudi Arabia.
- [36] Reviewer for Journal of King Saud University - Computer and Information Sciences.
- [37] Reviewer for the International Journal: *Journal of Computational and Applied Mathematics*, Elsevier.
- [38] Reviewer for the *International Arab Journal of Information Technology* (IAJIT).
- [39] Reviewer for the Applied Mathematics and Informatics, The Korean Society for Computational and Applied Mathematics.
- [40] Reviewer for the International Journal of Computational Methods for Sciences and Engineering, IOS Press.
- [41] Reviewer for the International Journal of Numerical Analysis and Modeling (<http://www.math.ualberta.ca/ijnam>), Anshan University of Science and Technology and University of Alberta.
- [42] Reviewer for the International Journal of Modelling and Simulation, International Association of Science and Technology for Development (IASTED).
- [43] Reviewer for the International Journal: *The Computer Journal*, Oxford University Press.
- [44] Reviewer for the International Journal: *Communications in Numerical Methods in Engineering*, John Wiley.
- [45] Reviewer for the International Journal: *Pakistan Journal of Statistics*.
- [46] Reviewer for the Book "Capacitated Graph Theoretical Algorithms for Wireless Sensor Networks towards Internet of Things", 2019, IGI Global, USA.
- [47] Reviewer for the Book "Biometric Authentication in Online Learning Environments", 2019, IGI Global, USA.
- [48] Reviewer for the Computer Graphics International (Annual International Conference), supported by IEEE Computer Society, ACM SIGGRAPH.
- [49] Reviewer for the International Symposium on Signal Processing and its Applications 2007 (ISSPA 2007), 12-15 February 2007, Sharjah, United Arab Emirates.
- [50] Reviewer for the 4th International Conference Sciences of Electronic, Technologies of Information and Telecommunications (SETIT), Hammamet, Tunisia, March 18- 22, 2007.
- [51] Reviewer for The International Conference on the Applications of Digital Information and Web Technologies (ICADIWT) – (Annual Conference).
- [52] Reviewer for The International Conference on Computing, Communications and Control Technologies (CCCT) – (Annual Conference).
- [53] Reviewer for The World Multi-Conference on Systemics, Cybernetics and Informatics (WMSCI) – (Annual Conference).
- [54] Reviewer for The International Conference on Computational Science and its Applications (ICCSA) – (Annual Conference).
- [55] Reviewer for The International Conference on Information Technology (ICIT) – (Annual Conference).
- [56] Reviewer for the International Conference on Image and Graphics, supported by IEEE Computer Society.

- [57] Reviewer for the *International Conference on Information Visualization*, (Annual International Conference), supported by IEEE Computer Society and Graphics Links.
- [58] Reviewer for the *International Conference on Imaging Science, Systems, and Technology*, (Annual International Conference), Sponsored by the Computer Science Research, Education, and Applications Tech. (CSREA) in cooperation with the computer Vision Research and Tech. (CVRA), The National Supercomputing Center for Energy and the Environment (USA), developers of high-performance machines and systems and related computer associations.
- [59] Reviewer for: *The International Conference in Central Europe on Computer Graphics and Visualization* (Annual Conference), in cooperation with EUROGRAPHICS and IFIP working group 5.10 on Computer Graphics and Virtual Worlds.
- [60] Reviewer for: *The International Conference on Visualization, Imaging, and Image Processing (VIIP)* – (Annual Conference), Organized by IASTED.
- [61] Reviewer for: *The International Conference on Computer Graphics and Imaging (CGIM)* – (Annual Conference), Organized by IASTED.
- [62] Reviewer for: *The International Arab Conference on Information Technology (ACIT)* (Annual Conference).
- [63] Reviewer for: The Conference *Shape Modelling International* (Annual Conference).
- [64] Reviewer for: The International Conference on Computer Systems and Applications (AICCSA), sponsored by the Arab Computer Society (ACS) and IEEE Computer Society (Annual Conference).
- [65] Reviewer for: The IEEE International Conference On Electronics, Circuits and Systems (ICECS), sponsored by IEEE Computer Society (Annual Conference).

## **Plenary / Keynote / Invited / Speeches, Panelist, Seminars, Presentations, Tutorials & Workshops**

<b>#</b>	<b>Title</b>	<b>Date</b>	<b>Place</b>	<b>Category</b>
1.	Intelligent Systems on License Plate Recognition	April 17, 2019	5 <sup>th</sup> International Conference on Business Intelligence (CBI'19), April 17 - 19, 2019, Beni Mellal, Morocco.	Keynote Speech
2.	Wonderful World due to Computer Graphics	April 04, 2019	International Conference on Computer and Information Sciences (ICCIS 2019), April 04-05, 2019, AlJouf, Saudi Arabia	Keynote Speech
3.	License Plate Recognition Systems	March 18, 2019	College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
4.	My Research Areas	February 11, 2019	Meeting of the European Organization for Nuclear Research-CERN, February 11, 2019, Kuwait University, Kuwait	Presentation
5.	Empowering with Automation, Control & Computer Graphics	December 21, 2018	5 <sup>th</sup> International Conference on Automation, Control Engineering & Computer Science	Keynote Speech

			December 19-22, 2018, Hammamet, Tunisia	
6.	Research & Quality	December 10, 2018	College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
7.	Soft Computing, Intelligent Systems and Geometric Modeling	November 21, 2018	IEEE 5th Intl. Conference on Soft Computing & Machine Intelligence (ISCMi 2018), November 21-22, 2018, Nairobi, Kenya	Keynote Speech
8.	Computer Graphics, Imaging and Vision in Designing Industry Today: One of the Views	October 25, 2018	3 <sup>rd</sup> International Conference on Computing, Communication & Security (ICCCS 2018), October 25-27, 2018, Kathmandu, Nepal	Keynote Speech
9.	Shape Control & Designing Objects	September 12, 2018	18th IFAC Conference on Technology, Culture & International Stability (TECIS'18), September 13-15, 2018, Baku, Azerbaijan	Plenary Speech
10.	Modeling with Splining	July 12, 2018	6th International Conference on Control and Optimization with Industrial Applications (COIA'18), July 11-13, 2018, Baku, Azerbaijan	Plenary Speech
11.	Splines and Graphics	April 26, 2018	4 <sup>th</sup> International Conference on Business Intelligence (CBI'18), April 25 - 27, 2018, Beni Mellal, Morocco.	Keynote Speech
12.	Virtual Environment for Automobile Driving Test	Mar. 12, 2018	2 <sup>nd</sup> International Conference on Computing Sciences & Engineering (ICCSE 2018), March 11-13, 2018, Kuwait	Presentation
13.	An Elegant and Efficient Database Design for Home-Based Restaurants	Mar. 12, 2018	2 <sup>nd</sup> International Conference on Computing Sciences & Engineering (ICCSE 2018), March 11-13, 2018, Kuwait	Presentation
14.	Mobile Commerce Applications and Adoption for Kuwait	Mar. 12, 2018	2 <sup>nd</sup> International Conference on Computing Sciences & Engineering (ICCSE 2018), March 11-13, 2018, Kuwait	Presentation
15.	A Comparative Study on Shadow Detection Methods Based on Features	Mar. 11, 2018	2 <sup>nd</sup> International Conference on Computing Sciences & Engineering (ICCSE 2018), March 11-13, 2018, Kuwait	Presentation

16.	Shadows, Imaging & Real Life	Feb. 12, 2018	College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
17.	Kuwait University & Funding Research	Oct. 23, 2017	College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
18.	Function Analysis for Economical Designs: A Case Study of a Feasible Re-Engineered Design Alternative for Rationing Irrigation	Aug. 29, 2017	Value Summit 2017, Philadelphia, USA.	Seminar & Panel Discussion
19.	On Collaborative Research from Information Science Department, Kuwait University	Apr. 19, 2017	College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
20.	A Novel Approach for Designing Amazigh Fonts	Mar. 30, 2017	3rd International Conference on Business Intelligence (CBI'17), March 29 - 31, 2017, Beni Mellal, Morocco.	Keynote Speech
21.	Funding Research in Kuwait University	Mar. 13, 2017	College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
22.	Outline Capture of Objects and Modeling with Splines	Jan. 27 – Feb. 03, 2017	LCW University, Lahore, Pakistan	Workshop
23.	What makes a Great Presentation?	January 27, 2017	LCW University, Lahore, Pakistan	Seminar
24.	Invariant Object Recognition	January 26, 2017	LCW University, Lahore, Pakistan	Seminar
25.	How to Select Journals and Conferences	January 26, 2017	LCW University, Lahore, Pakistan	Seminar
26.	Corner Detections on Images	January 25, 2017	LCW University, Lahore, Pakistan	Seminar
27.	Ethics in Publishing	January 25, 2017	LCW University, Lahore, Pakistan	Seminar
28.	Designing Objects using Splines	January 24, 2017	LCW University, Lahore, Pakistan	Seminar
29.	Research Methodologies for Mathematics and Computer Science	January 24, 2017	LCW University, Lahore, Pakistan	Seminar
30.	Teaching an Image Processing Course	January 23, 2017	LCW University, Lahore, Pakistan	Seminar
31.	Academic Writing (Thesis, Report, Paper)	January 23, 2017	LCW University, Lahore, Pakistan	Seminar

	for Graduate Students			
32.	A Professional University	January 20, 2017	FC College University, Lahore, Pakistan	Seminar
33.	Winners vs. Losers	January 19, 2017	LCW University, Lahore, Pakistan	Seminar
34.	Research & Quality	January 18, 2017	LCW University, Lahore, Pakistan	Seminar
35.	Getting Funding Successfully	January 17, 2017	LCW University, Lahore, Pakistan	Seminar
36.	Graduate Theses & Research Areas in Computer Vision, Graphics, Imaging and Pattern Recognition	January 16, 2017	LCW University, Lahore, Pakistan	Seminar
37.	A Quadratic Alternate to Cubic Splines for Graphics Design	Dec. 28, 2016	Department of Information Science, College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
38.	Splines and Computer Graphics	Apr. 27, 2016	Department of Information Science, College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
39.	Ph.D. Workshop	March 29, 2016	The International Conference on Computer Graphics, Imaging, and Visualization (CGIV'2016), March 29 – April 01, 2016, Sultan Moulay Sliman University, Beni Mellal city, Morocco	½ day Workshop
40.	Visualization of Scientific Data	Dec. 14, 2015	International Conference on Frontiers of Information Technology (FIT 2015), December 14-16, 2015, Islamabad, Pakistan.	Invited Speech
41.	An Intelligent System for Online Signature Verification	Dec. 02, 2015	Department of Information Science, College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
42.	The Computing Professional Skills Assessment: An Innovative Method for Teaching and Assessing the ABET Computing Professional Skills to Ensure Graduate Employability	May 6, 2015	College of Computing Sciences & Engineering, Kuwait University, Kuwait	Organized ½ Day Workshop

43.	Visualization of Scientific Data	December 16, 2014	International Conference on Frontiers of Information Technology (FIT 2014), December 16-18, 2014, Islamabad, Pakistan.	Invited Speech
44.	Paper Currency Recognition	April 23, 2014	Department of Information Science, College of Computing Sciences & Engineering, Kuwait University, Kuwait	Seminar
45.	Designing Objects by Detecting Geometrical Features	December 16, 2013	International Conference on Frontiers of Information Technology (FIT 2013), December 16-18, 2013, Islamabad, Pakistan.	Invited Speech
46.	Vectorizing Outlines of Generic Shapes	December 18, 2012	International Conference on Frontiers of Information Technology (FIT 2012), December 17-19, 2012, Islamabad, Pakistan.	Invited Speech
47.	Designing Objects using Curves	November 14, 2012	College for Women, Kuwait University, Kuwait	Seminar
48.	Motion Tweening for Skeletal Animation	May 09, 2012	College for Women, Kuwait University, Kuwait	Seminar
49.	Vectorising Outlines of Generic Shapes	March 09, 2012	University Science Malaysia, Malaysia	½ day Tutorial
50.	Licence Plate Recognition	January 26, 2012	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
51.	Some Advises for Successful Graduate Studies	January 25, 2012	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
52.	Student-Teacher Interaction	January 24, 2012	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
53.	Motion Tweening for Skeletal Animation	December 22, 2011	International Conference on Frontiers of Information Technology (FIT 2011), December 21-23, 2011, Islamabad, Pakistan.	Invited Speech
54.	Launching of NPRP 5th Cycle	October 1, 2011	Qatar National Research Fund, Qatar	Webinar Participation
55.	Visualization of Scientific Data using Rational Cubics	September 09, 2011	Punjab University, Lahore, Pakistan	Seminar
56.	Ph.D. Workshop	August 16, 2011	International Conference on Computer Graphics, Imaging and Visualization, The Nanyang Executive Centre, Nanyang	½ day Workshop

			Technological University, Singapore	
57.	Vectorizing Digital Outlines of Images	March 24, 2011	The Sixth International Conference SETIT 2011, March 23-26, 2011, Sousse, Tunis	Invited Speech
58.	Mathematics for Computer Graphics	February 09, 2011	Punjab University, Lahore, Pakistan	Seminar
59.	Getting Funding Successfully	February 07, 2011	CIIT, COMSATS University, Abbottabad, Pakistan.	Seminar
60.	Landmark Detection on Images	February 04, 2011	CIIT, COMSATS University, Abbottabad, Pakistan.	Seminar
61.	Object Recognition using Moments: Some Experiments and Observations	February 03, 2011	CIIT, COMSATS University, Abbottabad, Pakistan.	Seminar
62.	Advises for Graduate Students	February 03, 2011	CIIT, COMSATS University, Abbottabad, Pakistan	Seminar
63.	An Intelligent System for Indoor Navigational Aid of the Visually Impaired People	December 29, 2010	College for Women, Kuwait University, Kuwait	Seminar
64.	Indoor Navigational Aid for the Visually Impaired People	December 22, 2010	International Conference on Frontiers of Information Technology FIT2010, Islamabad, Pakistan	Invited Speech
65.	Meeting of the COMSATS' Thematic Group on Information and Communication Technology	December 21, 2010	Serena Hotel, Islamabad, Pakistan. Organized by COMSATS Institute of Information Technology.	Group Meeting
66.	Ph.D. Workshop	August 07, 2010	International Conference on Computer Graphics, Imaging and Visualization, University of Technology, Sydney, Australia	½ day Workshop
67.	Corner Detection using Geometric Shapes	March 17, 2010	College for Women, Kuwait University, Kuwait	Seminar
68.	Research Areas in Computer Vision, Imaging and Pattern Recognition	February 10, 2010	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
69.	A Faculty in Profession	February 09, 2010	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
70.	Advises for Graduate Students	February 08, 2010	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar

71.	Some Suggestions and Advises for Institutional Improvement	February 03, 2010	CIIT, COMSTS University, Lahore, Pakistan	Seminar
72.	Getting Funding Successfully	February 02, 2010	CIIT, COMSTS University, Lahore, Pakistan	Seminar
73.	Funding Opportunities in Foreign Universities	February 01, 2010	CIIT, COMSTS University, Lahore, Pakistan	Seminar
74.	Corner Detection and Planar Curves	January 29, 2010	CIIT, COMSTS University, Lahore, Pakistan	Workshop
75.	A Corner Detection Algorithm using Geometry Shapes	May 15, 2009	College for Women, Kuwait University, Kuwait	Seminar
76.	Computer Graphics, Imaging and Vision do work for Digital Design	December 17, 2009	International Conference on Frontiers of Information Technology (FIT 2009), December 16-18, 2009, COMSATS Institute of Information Technology, Abbottabad, Pakistan.	Invited Speech
77.	A New Algorithm on Corner Detection	May 15, 2009	College for Women, Kuwait University, Kuwait	Seminar
78.	Ph.D. Workshop	August 11, 2009	International Conference on Computer Graphics, Imaging and Visualization, Tianjin University, Tianjin, China	½ day Workshop
79.	Quality Research	February 15, 2009	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
80.	Some Advises to the Graduate Students	February 15, 2009	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
81.	On Optical Character Recognition	February 09, 2009	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
82.	Outline Capture of Planar Images	December 28, 2008	The 2008 International Conference on Signal-Image Technology & Internet- Based Systems (SITIS'08), Bali, Indonesia	½ day Tutorial
83.	Ph.D. Workshop	August 25, 2009	International Conference on Computer Graphics, Imaging and Visualization, Tianjin University, Tianjin, China	½ day Workshop
84.	Outline Capture of Planar Images	August 19, 2007-2008	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
85.	Object Recognition with Soft Computing Approaches	August 18, 2007-2008	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar

86.	Object Recognition with Traditional Approaches	August 17, 2008	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
87.	Corner Detection of 2D Images	August 16, 2008	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
88.	Winners vs Losers	August 15, 2008	CIIT, COMSTS University, Abbottabad, Pakistan	Seminar
89.	Computer Graphics & Designing	May 26, 2008	College for Women, Kuwait University, Kuwait	Seminar
90.	On Book Writing	May 09, 2007	Arabic Computing Group, King Fahd University of Petroleum and Minerals, Saudi Arabia	Seminar
91.	Reverse Engineering	April 04, 2007	Computer Graphics, Imaging & Vision Group, King Fahd University of Petroleum and Minerals, Saudi Arabia	Seminar
92.	Corner Detection by Sliding Rectangles	March 07, 2007	Computer Graphics,, Imaging & Vision Group, King Fahd University of Petroleum and Minerals, Saudi Arabia	Seminar
93.	Automatic Arabic Optical Text Recognition	Sep. 17, 2006	King Fahd University of Petroleum and Minerals, Saudi Arabia	Seminar
94.	Object Recognition using Fourier Descriptors	July 26, 2006	University Sydney Technology, Sydney, Australia.	Seminar
95.	Object Recognition using Moments	July 06, 2006	SOAS, University of London, London, UK.	Seminar
96.	Corner Detection using Sliding Rectangles	April, 2006	Computer Graphics Group, ICS Department KFUPM.	Seminar
97.	Corner Detection using Sliding Rectangles	March, 2006	ICECS'05, Sharjah, UAE.	Seminar
98.	Outline Representation of Planar Objects using Simulated Evolution	Feb, 2006	Computer Graphics Group, ICS Department KFUPM.	Seminar
99.	An Automatic Outline Fitting Algorithm for Planar Objects	Jan., 2006	Computer Graphics Group, ICS Department KFUPM.	Seminar
100.	Reverse Engineering for Geometric Models using Evolutionary Heuristics	Oct. 22 , 2005	King Fahd University of Petroleum and Minerals, Saudi Arabia	Seminar
101.	How to conduct Research	Sep., 2005	Computer Graphics Group, ICS Department KFUPM.	Seminar
102.	Segmentation of License Plates using Fuzzy Clustering	July 29 , 2005	Tsinghua University, Beijing, China	Seminar
103.	On Corner Detection	July 27 , 2005	CGIV'05, Beijing, China	Seminar

104.	Outline Representation of Planar Objects using Simulated Evolution	May, 2005	Computer Graphics Group, ICS Department KFUPM.	Seminar
105.	An Automatic Outline Fitting Algorithm for Planar Objects	Feb., 2005	Computer Graphics Group, ICS Department KFUPM.	Seminar
106.	Detecting Significant Points on Planar Shapes	Jan, 2004	Computer Graphics Group, ICS Department KFUPM.	Seminar
107.	Some thoughts on Constructive Research	Dec, 2004	Computer Graphics Group, ICS Department KFUPM.	Seminar
108.	On Evolutionary Algorithms for capturing outlines	Nov, 2004	Computer Graphics Group, ICS Department KFUPM.	Seminar
109.	Automating Hand-drawn shapes	Oct., 2004	Computer Graphics Group, ICS Department KFUPM.	Seminar
110.	How to conduct Research	Sep., 2004	Computer Graphics Group, ICS Department KFUPM.	Seminar
111.	How to proceed research?	Nov. 12, 2003	Computer Graphics Group, ICS Department KFUPM.	Seminar
112.	Font Design Techniques	Aug. 27, 2003	Computer Science Department, LUMS, Lahore, Pakistan.	Seminar
113.	Outline recovery of images II	Apr. 23, 2003	Computer Graphics Group, ICS Department KFUPM.	Seminar
114.	Outline recovery of images I	Apr. 16, 2003	Computer Graphics Group, ICS Department KFUPM.	Seminar
115.	A Multiresolution Framework using NUBS	Dec 17, 2002	Presentation in ACIT2002, Qatar.	Seminar
116.	Opportunities and Education System at KFUPM	Aug. 5, 2002	Information Technology Center, Govt College, Lahore, Pakistan.	Seminar
117.	Computer Graphics and Applications	Aug.15, 2002	Information Technology Center, Govt College, Lahore, Pakistan.	Seminar
118.	Opportunities and Education System at KFUPM	Aug 14, 2002	Punjab University Center of Information Technology, University of the Punjab, Lahore, Pakistan.	Seminar
119.	Graphics World	Aug 14, 2002	Punjab University Center of Information Technology, University of the Punjab, Lahore, Pakistan.	Seminar
120.	Opportunities and Education System at KFUPM	Aug 10, 2002	Department of Mathematics, University of the Punjab, Lahore, Pakistan.	Seminar
121.	Conic Rescue of Rational Cubic Splines	Aug 10, 2002	Department of Mathematics, University of the Punjab, Lahore, Pakistan.	Seminar

122.	Opportunities and Education System at KFUPM	Aug 07, 2002	Institute of Business Management and Economics, Lahore, Pakistan.	Seminar
123.	A Computer Graphics Course	Aug 07, 2002	Institute of Business Management and Economics, Lahore, Pakistan.	Seminar
124.	Computer Graphics and Mathematics	Aug 05, 2002	Institute of Leadership and management, Lahore, Pakistan.	Seminar
125.	Fitting Curves to Planar Digital Data	July 11, 2002	Presentation in IV'2002, UK.	Seminar
126.	Towards Automatic Recognition of Fonts using Genetic Approach	July 08, 2002	Presentation in WSEAS'2002, Greece.	Seminar
127.	An Algorithm for Arabic Font Design	June 26, 2002	Presentation in the International Conference on Imaging Science, Systems, and Technology (CISST'2002), Las Vegas, Nevada, USA.	Seminar
128.	Visualization of Data with Spline Fitting: A Tool with a Genetic Approach	June 26, 2002	Presentation in the International Conference on Imaging Science, Systems, and Technology (CISST'2002), Las Vegas, Nevada, USA.	Seminar
129.	Automatic Text Recognition: A Need in Arabization	Sep., 05, 2001	KFUPM.	Seminar
130.	Capturing Outline of Fonts using Genetic Algorithm and Splines	July 27, 2000	Presentation in IV'2001, UK.	Seminar
131.	A Rational Cubic Spline for the Visualizing of Convex Data	July 26, 2001	Presentation in IV'2001, UK.	Seminar
132.	Visualization of Monotone Data with Cubic Splines	June, 2001	Presentation in CISST'2001, USA.	Seminar
133.	Some thoughts on Constructive Research	April, 2001	Computer Graphics Group, ICS Department KFUPM.	Seminar
134.	Visualization of Scientific Data	March, 2001	Computer Graphics Group, ICS Department KFUPM.	Seminar
135.	Visualization of Scientific Data	March, 2001	Computer Graphics Group, ICS Department KFUPM.	Seminar
136.	Corner Detection of 2D Shapes	Jan, 2001	Computer Graphics Group, ICS Department KFUPM.	Seminar
137.	On Genetic Algorithms	Dec., 2000	Computer Graphics Group, ICS Department KFUPM.	Seminar
138.	Capturing Outlines of Hand-Drawn Shapes	Nov 21, 2000	CGIM'2000, Las Vegas, USA.	Seminar

	using Recursive Subdivision			
139.	Capturing Outlines of Hand-Drawn Shapes	Oct., 15, 2000	ICS Department KFUPM.	Seminar
140.	Splines in Graphics-II	Oct., 11, 2000	Computer Graphics Group, ICS Department KFUPM.	Seminar
141.	Splines in Graphics-I	Oct., 04, 2000	Computer Graphics Group, ICS Department KFUPM.	Seminar
142.	A Rational Spline for Visualizing Positive Data	July 21, 2000	Presentation in IV'2000, UK.	Seminar
143.	Curve Designing using a Rational Cubic Spline with Point and Interval Tension	July 21, 2000	Presentation in IV'2000, UK.	Seminar
144.	Capturing Outlines of 2D Images	June, 2000	Presentation in CISST'2000, USA.	Seminar
145.	Piecewise Rational Interpolation Preserving Positive Data	June, 2000	Presentation in CISST'2000, USA.	Seminar
146.	Visualization of Scientific Data	May, 2000	Computer Graphics Group, ICS Department KFUPM.	Seminar
147.	NURBS	March, 2000	Computer Graphics Group, ICS Department KFUPM.	Seminar
148.	Automated Font Designing	Oct., 1999	Computer Graphics Group, ICS Department KFUPM.	Seminar
149.	Visualization of Scientific Data through Solving Equations	November 08, 1999	Workshop on Algebra & Applications, KFUPM, Saudi Arabia	Seminar
150.	Visualization Techniques for Positive Data	August 10, 1999	University of the Punjab, Pakistan.	Seminar
151.	A Smooth Rational Spline for Visualizing Monotone Data	July 16, 1999	Presentation in IV'99, UK.	Seminar
152.	Conic Representation of A Rational Cubic Spline	July 15, 1999	Presentation in IV'99, UK.	Seminar
153.	Designing of Objects Using Rational Quadratic Spline with Interval Shape Control	July 01, 1999	Presentation in CISST'99, USA.	Seminar
154.	Designing of Objects Using A Rational Cubic Spline with Point Shape Control	June 30, 1999	Presentation in CISST'99, USA.	Seminar
155.	A Rational Spline Approach for Object Modeling	May 15, 1999	KFUPM, Saudi Arabia	Seminar

156.	Some Output Primitives based on a Rational Spline	May 08, 1999	Computer Graphics Group, ICS Department KFUPM.	Seminar
157.	M. Sarfraz, "Some CAGD Perspectives", Computer Graphics Group, ICS Department KFUPM,.	May 01, 1999	Computer Graphics Group, ICS Department KFUPM.	Seminar
158.	Font Designing Techniques	April 17, 1999	Computer Graphics Group, ICS Department KFUPM.	Seminar
159.	Scientific Data Visualization Techniques	August 17, 1998	Punjab University, Pakistan	Seminar
160.	Piecewise Interpolation for Designing of Parametric Curves	July 31, 1998	Presentation in IV'98, UK.	Seminar
161.	A Rational Spline with Tension: Some CAGD Perspectives	July 30, 1998	Key-note Lecture in IV'98, UK.	Seminar
162.	Representing a $C^1$ Rational Quadratic Spline with Interval Shape Control	July 09, 1998	Presentation in CISST'98, USA.	Seminar
163.	On Generating Circles, Disks and Spheres	July 08, 1998	Presentation in CISST'98, USA.	Seminar
164.	Piecewise Interpolation for Designing of Parametric Curves	June 26, 1998	Presentation in CGI'98, Germany	Seminar
165.	A Spline Based Approach for Object Modeling	June 02, 1998	KFUPM, Saudi Arabia	Seminar
166.	Visualization of Scientific Data Preserving Monotonicity	January, 1997	KFUPM, Saudi Arabia	Seminar
167.	Modeling with Splines	August, 1997	DeMontfort University, UK	Seminar
168.	Visualization of Scientific Data	August, 1996	University Sains, Malaysia	Seminar
169.	Object Modeling	August, 1996	University Sains, Malaysia	Seminar
170.	Intelligent Design System for Calligraphy and Artefact	August 30, 1996	University of Brawijaya, Indonesia.	Seminar
171.	NURBS: Need of the Industry	June 04, 1996	3 <sup>rd</sup> IEEE Meeting, KFUPM, Saudi Arabia	Seminar
172.	Visualization of Shaped Scientific Data	June 02, 1996	KFUPM, Saudi Arabia	Seminar
173.	Modeling for the Visualization of	May 18, 1996	Minisymposium on Comp. Sim. & App., KFUPM, Saudi Arabia	Seminar

	Scientific Data Preserving Monotonicity			
174.	Interacting with Curves & Surfaces	September, 1995	DeMontfort University, UK	Seminar
175.	Modeling for the Visualization of Scientific Data Preserving Positivity	August, 1995	Punjab University, Pakistan	Seminar
176.	Convexity Preserving Rational Spline Interpolation	May 18, 1995	Minisymposium on Approx. Th. & App., KFUPM, Saudi Arabia	Seminar
177.	Computer Aided Geometric Design	November, 1991	University of Engg. & Tech., Pakistan	Seminar
178.	Visualization of Scientific Data	May, 2000	Computer Graphics Group, ICS Department KFUPM.	Seminar
179.	NURBS	March, 2000	Computer Graphics Group, ICS Department KFUPM.	Seminar
180.	Automated Font Designing	Oct., 1999	Computer Graphics Group, ICS Department KFUPM.	Seminar
181.	Visualization of Scientific Data through Solving Equations	November 08, 1999	Workshop on Algebra & Applications, KFUPM, Saudi Arabia	Seminar
182.	Visualization Techniques for Positive Data	August 10, 1999	University of the Punjab, Pakistan.	Seminar
183.	A Smooth Rational Spline for Visualizing Monotone Data	July 16, 1999	Presentation in IV'99, UK.	Seminar
184.	Conic Representation of A Rational Cubic Spline	July 15, 1999	Presentation in IV'99, UK.	Seminar
185.	Designing of Objects Using Rational Quadratic Spline with Interval Shape Control	July 01, 1999	Presentation in CISST'99, USA.	Seminar
186.	Designing of Objects Using A Rational Cubic Spline with Point Shape Control	June 30, 1999	Presentation in CISST'99, USA.	Seminar
187.	A Rational Spline Approach for Object Modeling	May 15, 1999	KFUPM, Saudi Arabia	Seminar
188.	Some Output Primitives based on a Rational Spline	May 08, 1999	Computer Graphics Group, ICS Department KFUPM.	Seminar
189.	M. Sarfraz, "Some CAGD Perspectives", Computer Graphics	May 01, 1999	Computer Graphics Group, ICS Department KFUPM.	Seminar

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193.	A Rational Spline with Tension: Some CAGD Perspectives	July 30, 1998	Key-note Lecture in IV'98, UK.	Seminar
194.	Representing a $C^1$ Rational Quadratic Spline with Interval Shape Control	July 09, 1998	Presentation in CISST'98, USA.	Seminar
195.	On Generating Circles, Disks and Spheres	July 08, 1998	Presentation in CISST'98, USA.	Seminar
196.	Piecewise Interpolation for Designing of Parametric Curves	June 26, 1998	Presentation in CGI'98, Germany	Seminar
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201.	Object Modeling	August, 1996	University Sains, Malaysia	Seminar
202.	Intelligent Design System for Calligraphy and Artefact	August 30, 1996	University of Brawijaya, Indonesia.	Seminar
203.	NURBS: Need of the Industry	June 04, 1996	3 <sup>rd</sup> IEEE Meeting, KFUPM, Saudi Arabia	Seminar
204.	Visualization of Shaped Scientific Data	June 02, 1996	KFUPM, Saudi Arabia	Seminar
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