

# CURRICULUM VITAE

Nadim Obeid

## 1. PERSONNAL DETAILS

**Name:** Nadim OBEID

**Address** Department of Computer Information Systems  
King Abdullah II School for Information Technology  
The University of Jordan  
Amman, Jordan.

**Position:** Professor

**Martial Status:** Married

**Nationality:** Jordanian

## 2. ACADEMIC QUALIFICATIONS

- (1979) B.Sc. Mathematics (First)  
Lebanese University  
Lebanon.
- (1980) B.Sc. Business Administration -  
Section of Accountancy and Financing (First)  
Lebanese University  
Lebanon.
- (1982) Diploma in Computer Programming and  
Microprocessor applications (Distinction)  
University of Essex  
England, UK.
- (1983) M.Sc. Computer Studies, (Distinction in Examination)  
University of Essex  
England, UK.
- (1987) Ph.D. in Computer Science  
University of Essex  
England, UK.  
Supervisor: Professor Raymond Turner

### **3. ACADEMIC AND RESEARCH POSTS**

Feb. 2004 – Date	Professor Department of Computer Information Systems King Abdullah II School for Information Technology The University of Jordan Amman, Jordan.
Nov. 2001 – Feb. 2004	Professor Department of Computer Science Princess Sumaya University for Technology Jordan.
(May 2000 to Oct. 2002)	Associate Professor (A) Department of Computer Science Princess Sumaya University for Technology Jordan.
(Sept. 1996 – May 2000)	Associate Professor (B) Department of Computer Science Princess Sumaya University for Technology Jordan.
(Oct. 1987 to 14 Sept.1996)	Lecturer (Assistant Professor) Department of Computer Science University of Essex England, UK.
(Dec. 1992 - April 1993)	Visiting Professor University of Jordan Jordan.
(Nov. 1986 - Sept. 1987)	Senior Research Officer EUROpean Machine TRAnslation Project (EUROTRA) Department of Language and Linguistics University of Essex England, UK.
(1979-1980)	High School Mathematics Teacher Lebanon

#### **4. ADMINISTRATIVE RESPONSIBILITIES**

##### **4.1. Internal Committees and Responsibilities**

- 2009- 2012    Dean  
King Abdullah II School for Information Technology  
The University of Jordan
- 2009-2011    Chairman of the board of Al-Atheer Centre.
- 2009-2010    Head of Business Information Systems Department  
King Abdullah II School for Information Technology  
The University of Jordan
- 2008-2009    Deputy-Dean  
King Abdullah II School for Information Technology  
The University of Jordan
- 2008–2012    Head of the Graduate Studies Committee  
King Abdullah II School for Information Technology  
The University of Jordan
- 2007 - 2012    Member of the University Council,  
The University of Jordan.
- 2004 – Date    Head of the Appointment and Promotion Committee,  
Department of Computer and Information Systems,  
King Abdullah II School for Information Technology  
The University of Jordan
- 2004 – Date    Head of the Scientific Research Committee  
King Abdullah II School for Information Technology  
The University of Jordan
- 2004– Date    Member of the Appointment and Promotion Committee  
King Abdullah II School for Information Technology  
The University of Jordan
- 2004–2012    Member of the Graduate Studies Committee  
King Abdullah II School for Information Technology  
The University of Jordan
- 2002–2004    Member of the Scientific Research Committee  
Princess Sumaya University for Technolgy.
- 1998-2000    Member of the Scientific Research Committee  
Princess Sumaya University for Technolgy.

- 1999-2000 Member of the Student Affairs Committee  
Princess Sumaya University for Technology.
- 1994-1996 Scheme Director of B.Sc in Computer Science  
(Artificial Intelligence)  
Department of Computer Science  
University of Essex.
- 1994-1996 Scheme Director of B.Sc in Computer Science  
(Artificial Intelligence)  
Department of Computer Science  
University of Essex.
- 1990–1996 Overseas Admission Director  
Department of Computer Science  
University of Essex.
- 1987-1999 Member of Cognitive Science Centre  
University of Essex
- 1987-1990 Academic Coordinator for Four Sun Laboratories  
Department of Computer Science  
University of Essex.
- 1987-1989 Member of the steering committee  
European Machine Translation Project (Eurotra).

#### **4.2. External Committees:**

- 2013-2014 Member of the Competency Exam Committee,  
Ministry of Higher Education
- 2012-2013 Member of the Scientific Research Council  
The University of Jordan
- 2011 Member of a Prestigious National Prize committee,  
Amman-Jordan
- 2010- 2012 Member of the Scientific research Fund Support Committee,  
Science, Engineering and IT committee,  
Ministry of Higher Education
- 2009-2010 Member of Higher education Accreditation Committee, Science and  
Engineering Degrees,  
Ministry of Higher Education

- 2006-Date     Member of many Higher Education Accreditation Committee for programs in IT.  
Ministry of Higher Education
- 2007            Member of a Prestigious Regional Prize committee, Amman-Jordan
- 2006- Date     Many Specialized Committess,  
Ministry of Higher Education Committees.
- 1992-1996     Member of Software Intellectual Property Committee,  
England, UK.

## **5. NON-ACADEMIC RESPONSIBILITIES**

- (Oct. 1986 - Sept. 1992)     Residential Assistant Dean of Students  
Avon Way House  
University of Essex.
- (Oct. 1991- Sept. 1996)     Member of the Equal Opportunity Committee  
University of Essex.

## **6. PUBLICATIONS**

### **6.1. Articles in Scientific Journals**

1. N Obeid and R. Turner, Logical Foundations of Nonmonotonic Reasoning, *Artificial Intelligence Review, special Issues*, vol. 5, Nos. 1&2, 53-70, 1991, UK.
2. Nadim Obeid, Answers to Modal and Hypothetical questions in Knowledge Based Systems, *Applied Intelligence 2*, 353-367, 1992, Kluwer Academic Publishers, USA.
3. N Obeid, (Book Review, Gerhard Brewka), Nonmonotonic Reasoning, Logical Foundation of Commonsense, *The Computer Journal*, 1992.
4. Nadim Obeid, A Proof Procedure for Normal Default Theories, *Applied Intelligence*, Vol. 6, No. 2, 1-11, 1996, Kluwer Academic Publishers, USA.
5. Nadim Obeid, Three Valued Logic and Nonmonotonic Reasoning, *Computers and Artificial Intelligence*, Vol. 15, No. 6, 509-530, December 1996.
6. Nadim Obeid, Towards a Model of Learning Through Communication, *Knowledge and Information Systems*, Vol 2, 498-508, 2000, Springer-Verlag, USA.
7. Nadim Obeid, Model-Based Diagnosis and Conditional Logic, *Applied Intelligence*, Vol 14, 213-230, 2001, Kluwer Academic Publishers, USA.

8. Nadim Obeid, On the Connection between Normal Default Reasoning and Conditional Logic, *Computing and Informatics*, Vol. 20, 2001.
9. Nadim Obeid, Towards a Formalization of Collective Decision-Making and Learning, In: *Recent Advances in Intelligent Systems and Signal Processing*, 285-290, World Scientific and Engineering Society Press, 2003.
10. Nadim Obeid, On Multi-Agent Diagnosis, In: *Recent Advances in Intelligent Systems and Signal Processing*, 252-257, World Scientific and Engineering Society Press, 2003.
11. Nadim Obeid, (2005), A Formalism for Representing and Reasoning with Temporal Information, Event and Change, *Applied Intelligence*, Vol. 23, No. 2. 109-119, Kluwer Academic Publishers, USA.
12. N. Obeid, I Salah and R Rao, Role of Knowledge Management in Diagnosing and Prognosing System's Failures, *Diagnostyka* 1 (37), 2006. **(Invited Paper)**
13. N Obeid and R. B. K. N. Rao , A Step Toward a Universal Theory of Failure Handling, *Diagnostyka* 1 (41), 2007. **(Invited Paper)**
14. Moh'd Belal Al- Zoubi, Imad Salah, Azzam Sleit Saleh Al-Sharaeh, Ammar Huneiti and Nadim Obeid, (2008), Efficient Method for Assigning Students to Proper Groups, *European Journal of Scientific Research*, Vol. 21, No. 2, 249-258.
15. Asma Moubaidin and Nadim Obeid, (2008), Towards A Multi-Agent Based Model of Argumentation and Dialogue for E-Learning, *International Journal of Education and Information Technologies*, Vol. 2, No. 3, 175-183.
16. Asma Moubaidin and Nadim Obeid, (2008), Dialogue and Argumentation in Multi-Agent Diagnosis, *Studies in Computational Intelligence*, Vol. 134, 13-22.
17. Nabeel Alassaf , Nadim Obeid, Imad Salah, (2009), Facilitating Information Sharing Using Mobile Agents, *European Journal of Scientific Research*, Vol.36 No.2 (2009), pp.145-153, ISSN 1450-216X.
18. Asma Moubaidin and Nadim Obeid, (2009), Partial Information Basis for Agent-Based Collaborative Dialogue, *Applied Intelligence*, Vol 30, No 2, 142-167. Available Online: DOI [10.1007/s10489-007-0108-5]
19. Ahmad Abdel-Aziz Sharieh, Iman Sharif Mustafa and Nadim Obeid, (2009), Row Column Diagonal Using Multithreads for Sequence Alignment in DNA , *European Journal of Scientific Research*, Vol. 30, No. 1, 6-25.

20. Nadim Obeid and Asma Moubaidin, (2010), Towards a Formal Model of Knowledge Sharing in Complex Systems, *Studies in Computational Intelligence*, Vol. 260, 53-82.
21. Nadim Obeid and Raj B. K. N. Rao, (2010), On Integrating Event Definition and Event Detection, *Knowledge and Information Systems*, Vol. 22, No. 2, 129-158. DOI: 10.1007/s10115-009-0193-3.
22. Samih Al-Areqi, Amjad Hudaib and Nadim Obeid, (2011), Improving Availability in Distributed Component-Based Systems via Replication, *Studies in Computational Intelligence*, Vol. 351, 43-52
23. Marwan Altawil, Asma Moubaidin and Nadim Obeid, (2011), Towards an Agent-Based Knowledge Management System, *Studies in Computational Intelligence*, Vol. 363, 95-100
24. Mahran Al-Zyoud, Imad Salah, Nadim Obeid, Towards a Model of Context Awareness Using Web Services, *Computational Collective Intelligence. Technologies and Applications, Lecture Notes in Computer Science*, Vol. 7654, 2012, pp 121-131.
25. Heba Al-Juaidy, Lina Abu Jaradeh, Duha Qutaishat, and Nadim Obeid, (2013), On Representing and Sharing Knowledge in Collaborative Problem Solving, *Studies in Computational Intelligence*, Volume 489, 61-66.
26. Asma Moubaidin and Nadim Obeid, (2013), On formalizing social commitments in dialogue and argumentation models using temporal defeasible logic, *Knowledge and Information Systems*, Vol. 37, No. 2, 417-452. DOI: 10.1007/s10115-012-0578-6.
27. Nadim Obeid and Samih Al-Areqi, (2013), Using Agents for Dynamic Components Redeployment and Replication in Distributed Systems, *Studies in Computational Intelligence* Volume 489, 19-25.
28. Asma Moubaidin, Fatmeh Shawarbeh and Nadim Obeid, (2013), Using Intelligent Agents in e-Learning, *Information*, Vol. 16, No. 10, 7325-7342.

## **6.2. Chapters In International Books**

1. J. Bell, N. Obeid, E. Tsang and R. Turner Logic in artificial intelligence, (with J. Bell, E. Tsang and R. Turner), in: *Artificial Intelligence, State of the Art Report*, 11-28, Pergamon, 1988, London, UK.
2. Nadim Obeid, On Assumptions in Diagnosis, In: *Systems and Control: Theory and Applications*, N. Mastorakis (eds.), Electrical and Computer Engineering Series, 337-342, World Scientific and Engineering Society Press, 2000.

3. Nadim Obeid, Towards a Formalization of Collective Decision-Making and Learning, In: *Recent Advances in Intelligent Systems and Signal Processing*, 285-290, World Scientific and Engineering Society Press, 2003.

### **6.3. International Conferences and Invited Proceedings**

1. Nadim Obeid, A propositional logic for reasoning about real-time situations, in: *Proc. of the international IASTED Conference on Expert Systems*, (eds. Hamza H), Acta Press, 1988.
2. Nadim Obeid, Towards a real-time knowledge base system, *United Kingdom Information Technology Conference*, Department of Trade and Industry, London, 28-31, 1988, London, UK.
3. Nadim Obeid, Towards a model of learning via dialogue. In *Proc. 2nd international Conference on industrial and Engineering Applications of Artificial intelligence and Expert Systems - Volume 2* (Tullahoma, Tennessee, United States). A. Monnis, Ed. IEA/AIE '89. ACM, New York, NY, 831-837. 1989.
4. Nadim Obeid, Expert systems: Some theoretical and practical aspects of reasoning and constructive interaction, in: *Proc. of the International Conference on Artificial Intelligence in Industry and Government*, 1989.
5. Nadim Obeid, On knowledge acquisition and representation in knowledge based systems, in: *Expert Systems: Theory & Applications*, (eds. Hamza H.), Acta Press, 1989.
6. Nadim Obeid, Knowledge based systems: reasoning and interaction, in: *Expert Systems: Theory Applications*, (eds. Hamza H.), Acta Press, 1989.
7. Nadim Obeid, On maintaining and reasoning with incomplete information, in: *Proc. of the International Congress on Condition Monitoring & Diagnostic Engineering Management*, COMADEM, (eds. Raj R. and Hope A.), 261-270, Springer, 1989.
8. Nadim Obeid, On Some Aspects of Default Reasoning, (with M. Fang), in: *AI'90, Proc. of the Fourth Australian Joint Conference on Artificial Intelligence*, (C. P. Tsang Eds.) , 81-93, Perth, 1990, World Scientific, [ISBN:9810204167, 9789810204167]
9. R. Ball, E. K. Brown, C. Fox, M. Groefsema, A. De Roeck, N Obeid and R. Turner, Answers to Modal and Hypothetical Questions, in: *Proc. of the Fifth Conference of the European Chapter of the Association for Computational Linguistics*, UK, 1991.
10. M. Groefsema, N Obeid and C. Fox, Can, May, Must and Should: A Division of Labour, *Linguistic Association of Great Britain*, Somerville College, Oxford, 1991.



11. Nadim Obeid, On Choosing among Competitive Default Theories, (with M. Fang) in: *Proc. of the Fifth International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems*, 141-149, 1992.
12. Nadim Obeid, Reasoning with Inheritance Networks, in : *Proc. of the International Conference on Intelligent Systems*, 82-91,1992.
13. Nadim Obeid, Patterns of Reasoning with Inheritance Networks, in: *Proc. of the Eight International Symposium on Computer and Information Sciences*, (eds. Gun L., Onvural R., and Gelenbe E.), 13-20, Presses de l'Ecole de Hautes Etudes en Informatique, University Rene Descartes, 1993.
14. Nadim Obeid, On Modelling Communicating Agents, in: *Proc. of the Fourth International Symposium on Information Sciences*, (eds. Rauch W., Strohmeier, Hiller H. and Schlog C.), 121-136, 1994.
15. Nadim Obeid, A Formalism for Defeasible Inheritance, in: *Industrial & Engineering Applications of Artificial Intelligence and Expert Systems*, Tanaka T., Ohsuga S., and . Ali M. eds., 357-362, 1996, Taylor and Francis.
16. Nadim Obeid, Assumption-Based Reasoning and Fault-Diagnosis, in: *Proc. of the International Congress on Condition Monitoring & Diagnostic Engineering Management, COMADEM*, (eds. Rao R., Smith R. and Wearing J.), 1113-1122, 1996.
17. Nadim Obeid, On Normal Default Reasoning and Conditional Logic, in: *Progress in Artificial Intelligence, IBERAMIA '98*, (eds. H Coelho), 81-92, 1998.
18. Nadim Obeid, A Conditional Logic for Diagnostic Reasoning, in: *Proc. of the International Congress on Condition Monitoring & Diagnostic Engineering Management, COMADEM*, (eds. Kuhnell B. and Rao B.), 661-672, 1998.
19. Nadim Obeid, A Logic Framework for Model-Based Diagnosis of Dynamic Systems, in: *Proc. of the 15<sup>th</sup> International COMADEM Congress on Condition Monitoring & Diagnostic Engineering Management*, , 189-199, 2002.
20. N Obeid and R. B. K. N. Rao, Monitoring and Diagnostic Support to Asset Management, in: 17<sup>th</sup> International Congress on Condition Monitoring & Diagnostic Engineering Management, COMADEM, (R. Rao, B. Jones and R. Grosvenor eds.), 543-555, 2004.
21. N Obeid, I Salah and R Rao, Performance Monitoring and Diagnostic Support to Asset Management: Integrating Planning and Scheduling, in: 19<sup>th</sup> International Conference on Condition Monitoring & Diagnostic Engineering Management, COMADEM, Sweden, 2006.

22. Asma Moubaidin and Nadim Obeid, Towards A Formal Model of Knowledge Acquisition Via Cooperative Dialogue, 9<sup>th</sup> International Conference on Enterprise Information Systems, 2007.
23. Asma Moubaidin and Nadim Obeid, The Role of Dialogue in Remote Diagnostics, 20<sup>th</sup> International Conference on Condition Monitoring & Diagnostic Engineering Management, COMADEM, 2007.
24. Asma Moubaidin and Nadim Obeid, Dialogue and Argumentation in Interdisciplinary Communication: 12<sup>th</sup> World Multi-Conference on Systemics, Cybernetics and Informatics(WMSCI), 3<sup>rd</sup> International Symposium on Knowledge Communication and Conferences, 318-323, Orlando, Florida, USA, 2008.
25. Asma Moubaidin and Nadim Obeid, A Multi-Agent Approach to E-Learning, Recent Advances in E-Activities, Proc. Of the 7<sup>th</sup> WSEAS International Conference on E-Activities, Electrical and Computer Engineering Series, 252-257.
26. B. K. N., Rao, I. A. Oraifige and N. A. Obeid, Failure Diagnosis through Virtual Reality(VR), 21st International Congress and Exhibition- Condition Monitoring and Diagnostic Engineering Management, (COMADEM 2008), Prague, Czech Republic, 11<sup>th</sup> - 13<sup>th</sup> June 2008.
27. Nadim Obeid and Asma Moubaidin, On The Role Of Dialogue And Argumentation In Collaborative Problem Solving, 9<sup>th</sup> International Conference of Intelligent System Design and Applications, Published by IEEE CS, 2009.
28. Asma Moubaidin and Nadim Obeid, Towards an Interdisciplinary Collaboration Support System, Advances in Education Research, Vol 3., 244-249, 2012.
29. Asma Moubaidin, Abeer Tufaha, Bassam Hammo and Nadim Obeid, Investigating the Syntactic Structure of Arabic Sentences, 1st International Conference on Communications, Signal Processing, and their Applications (ICCSPA'13), IEEE, 2013.
30. Nadim Obeid, Israa Huzayyen and Bassam Hammo, Experimenting with Arabic Text Visualizing, 1st International Conference on Communications, Signal Processing, and their Applications (ICCSPA'13), IEEE, 2013.
31. Bassam Hammo, Faisal Al-Shargi, Sane Yagi, Nadim Obeid, Developing tools for Arabic corpus for researchers, Second Workshop on Arabic Corpus Linguistics (WACL-2), Lancaster University, UK, 2013

## **6.5. Other Publications and Course Materials and Other Publications**

1. Nadim Obeid, A Model of Information Growth, Ph.D Thesis, Department of Computer Science. University of Essex, 1987.

2. Nadim Obeid, A structured Editor for Prolog, M.Sc Dissertation, 1983, *Program installed on Main Frame*, Essex University, 1983-2000.
3. Fourth European Summer School in Logic, Language and Information, August 17-29, Lisette Appelo, J F A K van Benthem, Gennaro Chierchia, E A Cichon, Robin Cooper, Garrison Weeks Cottrell, Max J Cresswell, Janusz Czelakowski, Vincent Danos, Wil Dekkers, Jochen Dörre, David R Dowty, Solomon Feferman, Peter Gärdenfors, Dale Gerdemann, Dafydd Gibbon, Fritz Hamm, Ian Hodkinson, Hans Kamp, Yves Kamp, Ruth M Kempson, Andras Kornai, John Lee, Alex Leitsch, Rachel Lunnon, Alexis Manaster-Ramer, María Manzano Arjon, Uwe Mönnich, Glyn Morrill, **Nadim Obeid**, Michel Parigot, Aarne Ranta, Tanya Reinhart, Lorenzo Robbiano, Erik Sandwell, Jörg H Siekmann, Remko Scha, Jan M Smith, Colin Stirling, Hans Uszkoreit, Gerhard Widmer, Paul Young - 1992, University of Essex, Colchester, UK. [Course Materials].

## **7. SUPERVISION (M.Sc and PhD)**

- 1992-1996     2 Ph.D theses  
                   Department of Computer Science  
                   Essex University.
- 1988-1996     25 M.Sc dissertations  
                   Department of Computer Science  
                   Essex University.
- 2006-Now     Over 25 M.Sc dissertations  
                   King Abdullah II School for Information Technology  
                   The University of Jordan

## **8. EXTERNAL AND INTERNAL EXAMINING AND REFEREEING**

- 1991            External Referee (3 applicants for a Post)  
                   Trinity College  
                   University of Cambridge  
                   UK.
- 1992            External Examiner (1 Ph.D student)  
                   Imperial college  
                   University of London  
                   UK.
- 1993            External Examiner (1 Ph.D student)  
                   Imperial college  
                   University of London  
                   UK.
- 1992            External Referee

King's college  
University of London  
UK.

1994 External Examiner (1 Ph.D student)  
Imperial college  
University of London  
UK.

2004-Date External Examiner (over 35 MSc + 4 PhD)  
Various Universities in Jordan

I have *internal* examined at Essex University 5 Ph.D theses, over 25 M.Sc. dissertations during the period 1988-1996.

I have *internal* examined at the University of Jordan more than 40 M.Sc. during the period 2004-Date.

I have delivered many seminars at universities in UK, Germany and Jordan.

#### **9. EDITORIAL and REVIEW BOARDS**

- Member of the Editorial Board, Journal of Universal Computer Science, 2010-date.
- Member of the Editorial Board, I-Business, 2010-date.
- Member of the Review Board, Applied Intelligence, 2009-Date.

#### **10. CONFERENCE COMMITTEES**

- Member of the International Program Committee for the First International Conference on Cloud Computing, 2013.
- Member of the Advisory Committee for the 5th International Conference on Computer Science and Information Technology (CSIT2013), 2013.
- Member of the International Program Committee for the International Conference on Computational Intelligence and Bioinformatics (CIB), 2011.
- Member of the International Program Committee for IEEE Jordan Conference on Applied Electrical Engineering and Computing Technologies, (AEECT), 2011
- Regional Publicity Chair, International Conference on Communications and Information Technology (ICCIT), 2011.

- Track Chair, Artificial Intelligence and Agent Technologies, International Conference on Communications and Information Technology (ICCIIT), 2011.
- Member of the Technical Program Committee of the International Conference on Communications and Information Technology (ICCIIT), 2011.
- Member of the Scientific Committee of the International Conference on Frontiers and Beyond in Information Technology (FBIT), Jordan 2011.
- Member of the Technical Committee of the International Arab Journal of e-Technology (IAJeT), 2010-Date.
- Member of the IASTED Technical Committee on Intelligent Systems and Control, 2004-2009.
- Member of the IASTED Technical Committee on Computational Intelligence, 2004-2010.
- Member of the International Advisory Committee, 17<sup>th</sup> COMADEM International Conference, 2004, Cambridge, UK.
- Member of the Program Committee, 2004 International Business Information Management Conference, 2004.
- Member of the program committee, Mathematics and Computers in Business and Economics MBCE2000, 2000.
- Member of the program Committee, First Southern Conference on Computing, 1998.
- Chairman of sessions in many International Conferences

## **11. MEMBERSHIP IN SCIENTIFIC ASSOCIATIONS AND SOCIETY**

- A member of the Cognitive Science Centre at the University of Essex. 1987-1999.
- A member of the New York Academic of Sciences, 1996.

## **12. REFEREE**

### **12.1. Indexed, Refereed, International Scientific Journals**

- (1) IEEE
- (2) Journal of Artificial Intelligence.
- (3) Studia Logica Journal.

- (4) The Computer Journal.
- (5) Logic and Computation.
- (6) Human-Computer Interaction Journal.
- (7) Applied Intelligence.
- (8) Computing and Informatics.
- (9) Logic and Computation.
- (10) Logic, Language and Information.
- (11) Computer and Control Journal.
- (12) Knowledge and Information Systems  
and many others.

### **12.2. Refereed International Conferences**

- (1) International Conference on Artificial Intelligence.
- (2) European Conference on Artificial Intelligence.
- (3) International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems.
- (4) Australian Joint Conference on Artificial Intelligence.
- (5) International Symposium on Computer and Information Sciences.
- (6) International Symposium on Information Sciences.
- (7) International IASTED Conference on Intelligent Systems and Control
- (8) International IASTED Conference on Computational Intelligence  
and many others

### **13. CONFERENCES ATTENDED**

I have attended more than 35 conferences. Among these are:

- (1) International Joint Conference on Artificial Intelligence.
- (2) European Conference on Artificial Intelligence.
- (3) International Conference on Industrial & Engineering Applications of Artificial Intelligence & Expert Systems.
- (4) Australian Joint Conference on Artificial Intelligence.
- (5) International Symposium on Computer and Information Sciences.
- (6) International Symposium on Information Sciences.
- (7) Logic, Language and Information Summer School  
and many others

### **14. TEACHING**

**I have been involved in teaching many:**

#### **Undergraduate Courses:**

Artificial Intelligence  
Knowledge Based Systems  
Logic in Artificial Intelligence  
Software Engineering  
Software Engineering and Documentation  
System Analysis and Design

System Development and Tools  
Data Base Systems  
Theory of Computation  
Theory of Algorithms  
Algorithms Design  
Data Structures  
Data Base Systems  
Introduction to Computer Science  
Programming Courses in:  
    Pascal  
    C  
    C++.

**Postgraduate Courses (MSc, PhD):**

Logic in Artificial Intelligence  
Artificial Intelligence  
Information Systems  
Multi-Agent Systems  
Research Methodology

**15. RESEARCH GRANTS**

- 1989 **European Economic Community Grant 3303**  
(with E. K. Brown, R. Turner, and A. De Roeck)  
30,000 pounds  
Questions and Discourse
- 1988 **ESRC Grant, R000231279**  
(with E. K. Brown, R. Turner, and A. De Roeck)  
96,490 pounds  
Answers to Modal and Hypothetical Questions

**16. AWARDS AND STUDY GRANTS**

- 2002 Logic in Artificial Intelligence & Industrial Applications: Part II,  
**Winner of the Best Paper of the Year Award**  
International Journal of Condition Monitoring & Diagnostic Engineering  
Management
- 2001 Logic in Artificial Intelligence & Industrial Applications: Part I,  
**Winner of the Best Paper of the Year Award**  
International Journal of Condition Monitoring & Diagnostic Engineering  
Management
- 1981 **A Grant to study for a Ph.D. in UK or USA**  
(Economics, Accountancy, Finance and Statistics)  
Faculty of Business Administration,—

Lebanese University.

1980 **A Grant to study for a Ph.D. in Computer Science in UK**

Faculty of Science,  
Lebanese University.

1980 **A Grant to study for a Doctorate 3ieme cycle in France**

Application of Information Technology in Business Administration  
French Embassy,  
Beirut, Lebanon.