

Professor Saad A. AlGadhi



EDUCATION

- ✚ **Ph. D.** in Civil Engineering (Transportation Engineering), The University of Texas at Austin, U. S. A., August 1990.
- ✚ **M. S.** in Civil Engineering (Construction Project Management), University of Illinois at Urbana/Champaign, USA, January 1986.
- ✚ **B. S.** in Civil Engineering, University of Riyadh, Saudi Arabia, June 1981.

ACADEMIC EXPERIENCE

- ✚ **July 2002 to date:** Professor, College of Engineering, King Saud University.
- ✚ **Oct. 1995 to July 2002:** Associate Professor, College of Engineering, King Saud University.
- ✚ **Sept. 1998- Sept. 1999:** Visiting Scholar at the Institute of Transportation Studies, the University of California at Berkeley, USA and the Center of Transportation Research at the University of Texas at Austin, USA.
- ✚ **Aug. 1990- Oct. 1995:** Assistant Professor, College of Engineering, King Saud University.

During working at the College of Engineering, King Saud University:

- Teaches the following courses to undergraduate students:
 - Transportation Engineering
 - Traffic Engineering
 - Transportation Planning
 - Geometric Design of Highways
 - Management of Engineering Projects
 - Engineering Economy
- Teaches the following courses to graduate students:
 - Traffic Flow Characteristics.
 - Advanced Transportation Planning
 - Transportation Systems Analysis
 - Traffic Flow Operations and Control
 - Urban Public Transportation
- Part time instructor at Traffic Police Diploma program, Naif Arab University for Security Sciences, Riyadh.
- Supervised several M. S. theses and B.S. senior projects, and a member of the examination committee for several of them.
- Reviewed a number of technical papers submitted to national and international refereed journals and conferences.

- Reviewed a number of technical proposals and final reports of sponsored research project for different research institutes.
- Referee for eligibility for Academic Promotions to the ranks of Associate and full Professor for some national and international universities.
- ✚ **July 1983-July 1984;** Teaching Assistant, College of Engineering, King Saud University:
 - * Teaching Assistant for the following courses:
 - Transportation Engineering - Highway Engineering - Transportation Planning - Construction Management - Management of Engineering Projects.
- ✚ **Oct. 1981- July 1983;** Project Engineer, AlMishkah - Sverdrup Inc., Consulting Engineers, Riyadh, Saudi Arabia:

NON-ACADEMIC EXPERIENCE

- ✚ Program Managing Director, Makkah Public Transport Program, **MPTP** (Metro- and Bus-based networks), approved for construction by the Royal Decree no. 45368 dated 25/8/2012 (7/10/1433H) and composed of 4 metro lines, of total length of 114 kilometer and 62 stations, and the complementing bus-based network; with a grand total cost of SAR 62 Billion and construction duration of 10 years. Full time **until 23/01/2015**.
- ✚ Chief Executive Officer (CEO), Makkah Mass Rail Transit Company (MMRTC), a subsidiary of Al-Balad Al-Ameen Development and Urban Regeneration Co. (fully owned by Holy Makkah Municipality), tasked by the Council of Ministers to act as the **MPTP** Program Management Office, PMO, Dec. 2011- Jan 2015 (Full Time).
- ✚ Team Leader, Makkah Mass Rail Transit (MMRT) Feasibility Study, Al-Balad Al-Ameen Co. (fully owned by Holy Makkah Municipality), 2010-2011.
- ✚ Founder and Supervisor (acting), Prince Mohamed Bin Naif Chair for Traffic Safety Research, King Saud University, 2011.
- ✚ Part time advisor, Pupil Transportation Project and Female Teachers Transportation study, Ministry of Education, 2010.
- ✚ Member of the Steering Committee to study the **Third Saudi Expansion of Makkah Grand Mosque**, the Track Leader of the Audit studies of its proposed design, the head of Crowds and Movement Studies team, and team member of the of Integrated Transport, Traffic and Pedestrian Solutions Development Studies in Makkah Central Area, Ministry of Higher Education (assigned this task by Royal order), Sept-Dec. 2008.
- ✚ **Part time** Advisor to the President of the Saudi Commission for Tourism and Antiquities, **August 2006 – September 2012**.
- ✚ Deputy Chairman of the Permanent Committee of Campus Traffic and Parking Regulation, King Saud University, **April 2008 – December 2011**.
- ✚ Part time advisor (for Transport and Traffic) to King Saud University's General Directorate for Operations and Support Services (Facility Management), Riyadh, **April 2008 - December 2011**.

- ✚ Part time advisor (for Transport and Traffic), Riyadh Municipality, General Directorate of Studies and Designs, **2002- 2010**.
- ✚ Part time advisor (for Transport and Traffic) to King Saud University Deputyship for Projects, Riyadh, 2007- March 2008.
- ✚ **Full time** Advisor to the Secretary General of the Supreme Commission for Tourism & Supervisor of Licensing and Quality Assurance Department, **Feb.- August 2006**.
- ✚ Assistant Deputy Secretary General & General Director of Licensing and Quality Assurance Department (**Full time**), The Supreme Commission for Tourism, Riyadh, **Sept. 2003- Jan. 2006**.
- ✚ Founder and Head of Operations Unit (**Full time**), National Center for Assessment in Higher Education, Riyadh, **July 2001- Sept. 2003**.
- ✚ Member of the Committee appointed by the Custodian of the Two Holy Mosques upon the request of the Supreme Council of Religious Scholars, to study the new Jamarat Bridge (Under Construction starting 2006, est. cost SR 4.2 Billion), Dec. 2002 – April 2003.
- ✚ Committee Member, Riyadh Traffic Congestion Committee, appointed by Governor of Riyadh, 2001.
- ✚ Director of Research Center, College of Engineering, King Saud University, 1996-1998.
- ✚ Director of Computer Center, College of Engineering, King Saud University, 1993-1995.
- ✚ Part time advisor to the General Directorate of Traffic, Riyadh, 1994.
- ✚ Part time advisor to the Ministry of Transport, Riyadh, 1993.

ACADEMIC ACHIEVEMENTS

- ✚ Ph.D., University of Texas, GPA 3.9 out of 4.0
- ✚ M.S., University of Illinois, GPA 4.78 out of 5.0
- ✚ B.Sc., University of Riyadh, GPA 4.6 out of 5.0. First class honor. Ranked first among 62 classmates.
- ✚ Awarded a scholarship to pursue M.S. and Ph.D. in Civil Engineering by King Saud University.
- ✚ Honorable Mention, Ph.D. Dissertation Prize Competition, Transportation Science Section, Operation Research Society of America, November 4, 1991.

MEMBERSHIPS

- Institute of Transportation Engineers (ITE), USA - Transportation Research Board (TRB), USA - Institute of Operation Research and Management Science (INFORMS), USA - American Society of Civil Engineers (ASCE), USA - Saudi Commission of Engineers - Saudi Urban Sciences Society

RESEARCH & PROFESSIONAL PROJECTS

- ✚ Chairman of Technical Committee, Design of an Intelligent Transportation System (ITS) for King Saud University Campus, Riyadh, 2008.
- ✚ Chairman of Technical Committee, Comprehensive Study of Traffic Circulation and Parking in King Saud University Campus, Riyadh, 2007-8.
- ✚ Transportation Modeling Expert, Riyadh Transportation Model Development, Riyadh Municipality, Saudi Arabia, 2008.
- ✚ Transportation Modeling Expert, Strategic Transportation Model Development, Dammam Comprehensive Transportation Study (DCTS), Municipality of Eastern Province, Saudi Arabia, 2007-8.
- ✚ Prepared a Traffic circulation and parking design of the upgraded Aziziah livestock market, Riyadh, Moaiqliah commercial center co., 2008
- ✚ Prepared an Action Plan Projects for Priority Routes M40 and M45 of the Arab Mashreq Road Network Agreement, ESCWA, UN, 2007.
- ✚ Prepared a Traffic Circulation and Parking Study of the Master Plan of Jazan University Campus, Saudi Arabia, Ministry of Higher Education, Riyadh, 2006.
- ✚ Team leader and modeler, “Simulation and Modelling of Pilgrims Movement on the New Jamarat Bridge (proposed by the Ministry of Public Works and Housing), in cooperation with the world expert in Crowd Dynamics (Dr. G. Keith Still, www.crowddynamics.com, UK), Feb- May 2003.
- ✚ Team leader, “Traffic Impact Study for Riyadh International Exhibition Center”, Al-Issa Consultants, Riyadh Chamber of Commerce, April 2002.
- ✚ Team member, “Riyadh Ring Road Interchanges Traffic Study (exits 5, 6, 7, 9, 14, 15, 16, and Erqah/King Saud University)”, Ministry of Transport, 2002.
- ✚ Team leader and modeler, “Development of a Transportation Planning Model for the City of Taif”, prepared for Municipality of Taif, Ministry of Municipal and Rural Affairs (MOMRA), 2001.
- ✚ Team leader, “Preparation of a Public Transportation Plan for the City of Makkah”, prepared for SAPTCO, 2001.
- ✚ Team member, “Traffic Impact Study for Granada Commercial Center”, prepared for General Organization for Social Insurance (GOSI), March 2000.
- ✚ Team leader and modeler, Transportation and Traffic Studies in the project titled “Development of a Master Plan for the Sacred Shrines near Makkah, 1996-1998. The project included development of a traffic simulation tool for the heavy traffic movements between Arafat, Muzdalifah, Mina, and Makkah.
- ✚ Technical consultant to the Research Project “Evaluation of the Performance of Riyadh Urban Roadway Network and Identification of its Bottlenecks (in Arabic),” conducted by Arriyadh Development Authority and sponsored by the National Traffic Safety Committee, 1996.
- ✚ Co-Investigator, “Study of the Effect of Camels on Traffic Safety in the Kingdom of Saudi Arabia,” King Abdulaziz City for Science and Technology (KACST), 3-year project, 1995- 1998.

- ✚ Principal Investigator, “Study of the Effectiveness of Traffic Signs,” Final Report, sponsored by the National Traffic Safety Committee, 1993.
- ✚ Principal Investigator, “Evaluation of Riyadh Urban Public Transportation Services,” Final Report, Research Center, King Saud University, sponsored by the Saudi Arabian Public Transport Company, SAPTCO, 1992.
- ✚ Technical consultant to the Research Project “Pupil (School) Transportation: Its Current Status and Future (in Arabic),” sponsored by the National Traffic Safety Committee, 1991.
- ✚ Academic papers while at the University of Texas at Austin, 1986-1990:
 - Single Lane Car-Following Model.
 - Facility Location Optimization Problem.
 - Control of Crowd Movements in Special Events.
 - Characterization of Crowd Behavior and Movement, Ph.D. dissertation.
- ✚ Evaluation and Analysis of Riyadh Airport Ground Access System, B.S. senior project report, 1981.

TRAINING

- ✚ Transportation Macroscopic and Microscopic Modeling using Visum / Vissim, Karlsruhe, Germany, 25-29/6/2007.
- ✚ Six Sigma (in Quality), Jeddah, Al-Taweel Training, 22-26/7/2006.
- ✚ International Project Management, Insead Executive Education, Fontainebleau, France, 10-14/7/2006.
- ✚ Quality Management in Tourism, World Tourism Organization, Cairo, Egypt, 4-8/4/2005.
- ✚ The Seven Metaphors of Management, Dubai, 18-20/9/2004.
- ✚ Developing Executive Leadership, Management Center Europe (MCE), Brussels, Belgium, 23-25/8/2004.
- ✚ Presentation Skills, Riyadh, 9-10/6/2004.
- ✚ Tourism Planning and Policy, World Tourism Organization Practicum, Madrid, Spain, 18-29/4/2004.
- ✚ Foundation ISO 9000: 2000, Riyadh, 29-30/12/2003.
- ✚ Leadership Skills & Teambuilding, Riyadh, 11-13/10/2003.
- ✚ Quality for Project Managers, Dubai, 7-9/10/2003.
- ✚ Summer Short Course in “Bus Public Transportation Service Planning and Operation,” Massachusetts Institute of Technology (MIT), Cambridge, MA, USA, August 2000.
- ✚ Construction Management Training Program under the supervision of Sverdrup Corporation, St. Louis, Missouri, USA, 8 months (Jan.- Sept. 1982).
- ✚ Intensive short course (3 weeks) in Solar Energy, which was a joint program of Saudi Arabian National Center of Science and Technology (SANCST), and the

US Solar Energy Research Institute (SERI), Golden, Colorado, USA, August 1981.

PUBLICATIONS

1. AlGadhi, S. and H. Mahmassani (1990), "Modelling Crowd Behavior and Movement: Application to Makkah Pilgrimage," Proc. of the 11th Int'l Symposium on Transportation and Traffic Theory, M. Koshi (Ed.), Yokohama, Japan, pp. 59-78, July.
2. AlGadhi, S. and H. Mahmassani (1991), "Simulation of Crowd Behavior and Movement: Fundamental Relations and Application," Presented at the 70th Annual Meeting of the Transportation Research Board, Washington, D.C., USA, and Published in Transportation Research Record, No. 1320, pp. 260-268, January.
3. AlGadhi, S. and H. Mahmassani (1992), "Simulation of Pilgrims' Crowding around the Jamarat (in Arabic)," Sixth Hajj Transportation Symposium, Ministry of Communications, Jeddah, Saudi Arabia, Feb.
4. AlGadhi, S. (1994), "Analysis of Limousine Service in Riyadh," J. King Saud University-Engineering Sciences, Vol. 6, No. 2, pp. 131-147.
5. AlGadhi, S. (1994), "Evaluation of the Performance of Riyadh Urban Public Transport Services," Presented at the 73rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA, and Published in Transportation Research Record, No. 1433, pp. 10-15.
6. AlGadhi, S., S. Naqvi and A. Abdul-Jabbar (1994), "Study of the Effect of Age and Professional Training on Recognition of Traffic Signs," Proc. of the Ergonomics Society's Annual Meeting, Warwick Univ., U.K., pp. 193-198.
7. 36 AlGadhi, S., S. Naqvi and A. Abdul-Jabbar (1994), "Driver Factors Affecting Traffic Sign Registration and Recognition," Presented at the 73rd Annual Meeting of the Transportation Research Board, Washington, D.C., USA, and Published in Transportation Research Record No. 1464, pp. 36-41.
8. AlGadhi, S. and M. Hasan (1994), "A Traffic Patrol Vehicles' Allocation Model for Riyadh," Scientific Journal of Economics and Commerce, Ain Shams Univ., Egypt, Vol. 1.
9. AlGadhi, S. (1994), "Evaluation of the performance of Traffic Patrol Vehicles in Riyadh [in Arabic]," Proc. of the National Symposium of Traffic Safety, Riyadh, pp.155-171.
10. AlSugair, A. and S. AlGadhi (1994), "Utilization of Neural Networks to Improve Traffic Safety [in Arabic]," Proc. of the National Symposium of Traffic Safety, Riyadh, pp. 437-457.

11. Sharaf, E., S. AlGadhi, and A. AlGhamdi (1994), "Towards a Comprehensive Concept of Traffic Safety [in Arabic]," Proc. of the National Symposium of Traffic Safety, Riyadh, 461-475.
12. AlGadhi, S. (1994). Safe Driving on Highways (in Arabic). Public Scientific Education Program Series, General Directorate of Civil Defense, 113 pp.
13. AlGadhi, S. (1995) "Land Transportation Disasters [in Arabic]," Science and Technology, No. 33, pp.28-34 , June.
14. AlGadhi, S. (1996), "Characterization of Crowd Behavior and Movement: A Review," J. King Saud University-Engineering Sciences, Vol. 8, No. 1, pp.77-108.
15. AlGadhi S., M. Kamal and O. AlDalbahy (1997), "Comparison of Simultaneous and Sequential Transportation Network Equilibrium Models: Calibration and Application to Riyadh, Saudi Arabia," presented at the EURO XV/INFORMS XXXIV Joint International Meeting, Barcelona, Spain, July 14-17.
16. Rumar, K. and S. AlGadhi (1997), "The Swedish National Road Safety Programme- A New Approach to Road Safety Work [in Arabic]," Science and Technology, No. 43, Traffic Safety Special Issue, pp.57-64, November.
17. AlGadhi S. A. et al. (1997), "Camel/Vehicle Collision Problem in Saudi Arabia: Characteristics, Causes and Countermeasures [in Arabic]," Proc. Of the First National Traffic Safety Conference, pp. 149-173, 20-23 Dec. 1997, Riyadh, Saudi Arabia.
18. Hasan, M., S. AlGadhi (1998), "Application of Simultaneous and Sequential Transportation Network Equilibrium Models to Riyadh, Saudi Arabia," Presented at the 77th Transportation Research Board Annual Meeting, Washington, D.C., January 11-15, 1998, and published in Transportation Research Record No. 1645, paper no.98-0104, pp. 127-132.
19. Al-Amr, S., H. Al-Hathloul, S. AlGadhi, A. Al-Ghamdi, and K. Al-Kahtani (1998), "Camel Collision Accidents on Highways: Identification of its Hazardous Locations and Its Engineering Countermeasures [in Arabic]," Proc. Of Traffic Safety International Conference, Bahrain, pp. 522-531 October 26-28.
20. Al-Amr, S., H. Al-Hathloul, S. AlGadhi, A. Al-Ghamdi, and K. Al-Kahtani (1999), "Identification of Hazardous Locations of Camel Collision Accidents on Saudi Arabian Highways [in Arabic]," Proc. of the Fifth Saudi Engineering Conference, Vol. 3, pp. 157-167, 13-16/11/1419H (1-4/03/1999G).
21. AlGadhi, S. A. (1999), "Microscopic Modeling and Simulation of Hajj Vehicular Traffic During Ifadha", Proc. of the Fifth Saudi Engineering Conference, Vol. 3, pp. 443-452, 13-16/11/1419H (1-4/03/1999G).

22. AlGadhi, S. A. (1999), "Intelligent Transportation Systems: Issues and Opportunities for Saudi Arabia [in Arabic]," Proc. of Land Transportation Between the Past and the Present Symposium, King Abdulaziz University, Jeddah, Saudi Arabia, 9-11/01/1420H (25-27/04/1999G).
23. AlGadhi, S. and A. Tannir (1999). Arabic Translation of William W. Hay's book: An Introduction to Transportation Engineering, Second Edition, published by King Saud University Press, 704 pages.
24. AlGadhi, S. and H. Al-Kharboosh (1999), "Determination of the Quality of Traffic Service in Jeddah City Using the Two-Fluid Model," Proc. Of the Symp. On Planning and Regulation of Transportation and Traffic for the Cities and Villages of Makkah AlMukarramah Region held in Jeddah 5-6 October, pp. 233-255.
25. Siyam, Y., A. Al-Garni and S. AlGadhi (1999). Surveying for Highways [a book in Arabic]. Majdalwai Publishing, Amman, Jordan, 739 pp.
26. AlGadhi, S. (2000), "Potential Impacts of International, Regional, and Local Variables on Transport Sector in the Arabian Gulf States," presented at the experts meeting to coordinate transprt policies to facilitate inter-border movement in the era of globalization, UN/ESCWA, Beirut, September.
27. AlGadhi, S., A. Al-Ghamdi and H. Al-Kharboosh (2000), "Determination and Evaluation of the Quality of Traffic Service in the Major Saudi Arabian Cities," J. King Saud University-Engineering Sciences, Vol. 13, No. 2, pp. 21-51, 1421H (2001G).
28. AlGadhi, S. (2001), "Effect of Vehicle Type of the Capacity of Signalized Intersection," Scientific Bulletin, Faculty of Engineering, Ain-Shams University, Vol. 36, No. 1, pp. 17-40, Cairo, Egypt, March.
29. AlGadhi, S. (2001), "Macroscopic Modeling and Simulation of Hajj Vehicular Traffic During Ifadha," J. King Abdul Aziz University-Engineering Sciences: Vol. 13, No. 2, pp. 305-323, Jeddah, Saudi Arabia.
30. AlGadhi, S., H. Mahmassani and R. Herman (2001), "A Speed-Concentration Relation for Bi-Directional Crowd Movements with Strong Interaction," Proc. of Pedestrian and Evacuation Dynamics (M. Schrckenberg and S. D. Sharma, Editors), held at the Gerhard-Mercator-University, Duisburg, Germany, April 4-6, 2001, Springer, pp 3-20.
31. AlGadhi, S., A. Abdelmegeed, and B. Al-Bassam (2001), "Estimation of Current and Future Demand on Public Transportation in Makkah City during Hajj and Ramadan," Proc. of Makkah and Madinah Urban Environment and its Furture Challenges Symposium, 6-8 Novemeber, Um-Al-Qura University, Makkah, pp. 117-128.

32. Abdelmegeed, A. and S. AlGadhi (2001), "Evaluation of Public Transportation Operations in Makkah City," Proc. of Transportation in The Sacred Shrines Symposium, King Fahd Security College, Riyadh, November.
33. Abdelmegeed, A. and S. AlGadhi (2001), "Study of Pilgrims Movement in Jamarat Area," Proc. of Transportation in The Sacred Shrines Symposium, King Fahd Security College, Riyadh, December.
34. Al-Shuaibi, A., A. Al-Salman, and S. AlGadhi (2002), "Utilization of Advanced Technologies in Hajj Studies," Presented at the Grand Symposium of the Custodian of the Two Holy Mosques Hajj Research Center, Makkah, January.
35. AlGadhi, S. (2002), "Optimizing Truck Weigh Stations' Locations on the Highway Network of Saudi Arabia," J. King Saud University-Engineering Sciences, Vol. 14, No. 2.
36. AlGadhi, S., R. Mufti and D. Malick (2002), "Estimating the Total Number of Vehicles Active on the Road in Saudi Arabia," J. King Abdul Aziz University-Engineering Sciences, vol. 14, no. 1, pp 3-28.
37. Al-Zahrani, A., A. Al-Ghamdi, and S. AlGadhi (2002), "Evaluation and Improvement of Some Interchanges of Riyadh Ring Road," Presented at the Traffic Management Workshop, Arriyadh Development Authority, Riyadh, March.
38. Al-Ghamdi A. S., AlGadhi S. A. (2004), "Warning signs as countermeasures to camel-vehicle collisions in Saudi Arabia," Accident Analysis and Prevention,; 36(5): 749-760.
39. AlGadhi, S. A. and G. Keith Still (2004), "Jamarat Bridge: Mathematical models, Computer Simulation and Hajjis Safety Analysis," Final Report, Ministry of Municipal and Rural Affairs, Saudi Arabia, 75 pages, March.
40. AlGadhi, S. A. (2004), "Vision of Tourism Quality Assurance Systems in Saudi Arabia," Proc. Of the First Quality Symposium in Asser Region: Quality in Tourism Industry, Saudi Quality Council, Abha, Nov.
41. Abdelghany, A. F., Abdelghany, K. F., Mahmassani, H.S., and Al-Gadhi S. (2005), "a Microsimulation Assignment Model for Multidirectional Pedestrian Movement in Crowded Facilities [Mataf Area in Makkah Grand Mosque]", Presented in the 84th Annual meeting of the Transportation Research Board, Jan., and published in Transportation Research Record, No. 1939, pp. 123-132.
42. AlGadhi, S. A. and G. Keith Still (2006), "Jamarat Bridge: Computer Simulation and Hajjis Safety Analysis [Arabic]," J. Building Technology, no.10 (special issue on the new Jamarat bridge project), pp. 88-91, Dec., Riyadh, Saudi Arabia.

43. AlGadhi, S. A. (2008), "School transport in Riyadh and its effect on resolving traffic congestion," Presented at Symposium of Traffic & Transportation Challenges at Metropolitan Cities: Current Situation & Future Expectations, Municipality of Riyadh, 19-21 October.
44. Al-Shammari, Naif, Bendak, Salaheddine and Al-Gadhi, Saad (2009) 'In-Depth Analysis of Pedestrian Crashes in Riyadh', Traffic Injury Prevention, 10: 6, 552 — 559.
45. AlGadhi, S. A. (2010), "Designing for Crowd Safety at Jamarat and Tawaf", Presented at Transport and Crowd Management Workshop, Center of Research Excellence in Hajj and Omrah, Um-Al-Qura University, Jeddah May 2.
46. Hany M. Hassan, Mohamed A. Abdel-Aty, Keechoo Choi & Saad A. AlGadhi (2012): "Driver Behavior and Preferences for Changeable Message Signs and Variable Speed Limits in Reduced Visibility Conditions," Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 16:3, 132-146

SHORT COURSES AND LECTURES

- ✚ Invited lecture titled "A vision on the transportation master plan of the Holy Shrines near Makkah," Symposium on Civil Engineering and its role in the development of transportation in Hajj, Third annual meeting of the Saudi Society of Civil Engineering, 1426H (2005).
- ✚ Invited lecture titled "Traffic Congestion: Problems and Solutions," Jeddah Municipal Council Elections, 1426H (2005).
- ✚ Instructor, Analysis of Traffic Data and Statistics, National Traffic Safety Committee, Riyadh, 1422H (2001G).
- ✚ Chairman of Panel Discussion on Public Transportation in Arriyadh, Arriyadh Development Authority, November 2000.
- ✚ Invited lecture on Transportation Modeling of Special Events (Hajj), The Advanced Institute for Transportation Infrastructure Engineering and Management, The University of Texas at Austin, USA, August 12, 1999.
- ✚ Invited speech on Transportation: An Important Issue in Urban Development Management, Arriyadh Metropolitan Strategic Plan Symposium, Arriyadh Development Authority, June 1996.
- ✚ Invited lecture to Riyadh Municipality engineers on Traffic Engineering: Concept and Application, Dec. 1995.
- ✚ Instructor, Highway Capacity, in Freeway Design, Operation, and Control Short course, Ministry of Transport, Riyadh, Nov. 1995.
- ✚ Instructor, Mathematical Models of Travel Demand Forecasting, in Highway Systems Planning Methods Short course, Ministry of Transport, Riyadh, Oct. 1993.

- ✚ Public lecture on Safe Driving on Highways, General Directorate of Civil Defense, Buraydah, Jan. 1992.
- ✚ Instructor, Traffic Congestion Management, in Traffic Engineering Intensive Short course, Ministry of Transport, Riyadh, Dec. 1991.