



Amirkabir University of Technology  
(Tehran Polytechnic)



**AHMAD AGHA KARDAN**

Assistant Professor  
Department of Computer Engineering  
(Emeritus)

Email:

[aakardan@aut.ac.ir](mailto:aakardan@aut.ac.ir)

Phone:

h-index (Scopus):

**11**

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**573**

### Supervised MSc Theses

#	Thesis title	By	Date
1	A new approach to scaffold collaborative learning processes through the knowledge convergence	Seyedeh Mojdeh Ebrahimnejad Shirvani & Ahmad Agha Kardan	February 2018
2	Proposing A New Approach for Adaptive Knowledge Level Assessment Based on the Learner Model	Yasmin Jalali & Ahmad Agha Kardan	February 2018
3	Applying New Gamification Rules to Enhance Contribution in Collaborative Learning	Mozhdeh Taghavi Namin & Ahmad Agha Kardan	January 2018
4	An Approach for Analzing User Behaviours in Smart Houses for Energy	Shima Salehi & Ahmad Agha Kardan	March 2017
5	Classification of Emotional States in Social Networks	Yousef Aghajanloo & Ahmad Agha Kardan	February 2017
6	Presenting A Method for Expanding Content Sharing in Q&A Forums	Amir Narimani & Ahmad Agha Kardan	February 2017
7	Presenting an Improved Method for expert finding in Q&A USING Social Network Analysis	Behnam Bozorgi & Ahmad Agha Kardan	December 2016
8	A Developed Method for Evaluating E-Content Trustworthiness Based on Users Interactions	Roghaye Ahmadi & Ahmad Agha Kardan	December 2016
9	A New Approach for Effective Learning Based on Gamification of Exam	Ali Kazemi Arani & Ahmad Agha Kardan	October 2016

10	presented a hybrid heterogeneous grouping learners strategy based on a concept map analysis for cooperative learning environment	Yeganeh Adibmanesh & Ahmad Agha Kardan	October 2015
11	Opinion Mining in social commerce by means of association rules	Saeid Hojjati Zadeh & Ahmad Agha Kardan	October 2015
12	Estimating Knowledgelevel based on bayesian Nets for Concept and Resource Recommendation Extraction	Fatemeh Jahangiri & Ahmad Agha Kardan	October 2015
13	A recommendation system for web documents based on texts clusterig usin k-means Algorithm	Seyede Maryam Hashemi & Ahmad Agha Kardan	October 2015
14	Itroucing a New Method to Mmeasure Preference Similarity of Social Networks Users Using Text Mining	Masoumeh Gholipour & Ahmad Agha Kardan	September 2015
15	A hybrid heterogeneous groping strategy strategy based on a concept map for cooperative learning by extracting grouping	Elmira Javadpour & Ahmad Agha Kardan	August 2015
16	Annotation analysis using ontology for knowledge gap discovery	Yosra Bahrani & Ahmad Agha Kardan	February 2015
17	Concept map evaluation based on data mining for educational resource recommendation	Negin Rajaei Razavi & Ahmad Agha Kardan	February 2015
18	Course content adaptation based using learner model and knowledge domain ontology	Shiva Shahsavari & Ahmad Agha Kardan	February 2015
19	Extraction and modeling domain knowledge in text – based educational resources	Nastaran Hoseinpourkavaz & Ahmad Agha Kardan	December 2014
20	title of dissertation : supervised link prediction in social networks	Samira Ghareh Gozlou & Ahmad Agha Kardan	September 2014
21	Design and implementation of a recommender system for video resources finding and recommendation	Shahin Mirzaei & Ahmad Agha Kardan	May 2014
22	interest finding based on textCategorization and text mining for user modeling in social networks	Hossein Akbarifard & Ahmad Agha Kardan	May 2014
23	Expert recommendation in Q&A communities text mining on comments and user behavior analysis	Mojtaba Behzadi & Ahmad Agha Kardan	May 2014
24	Personalized Page Recommendation In Social Networks	Hamed Jafarpour & Ahmad Agha Kardan	April 2014
25	Development of A Tag recommender system for textual contents using Association Rules	Darya Parvas & Ahmad Agha Kardan	October 2013
26	Finding the influence of social network member’s attributes on network centrality	Sima Salimi & Ahmad Agha Kardan	October 2013
27	Expert Finding in Online Communities by a Hybrid Method Based on Knowledge Level Modeling and Ranking Algorithms	Majid Rafiei & Ahmad Agha Kardan	October 2013
28	Presenting a Technique for Measurement of Content Trustworthiness in Collaborative Environments	Reza Salarmehr & Ahmad Agha Kardan	October 2013
29	Open learner modeling for using concept map in effective learning process	Parastoo Heydarian & Ahmad Agha Kardan	October 2013
30	desing and development of a method for determination and adaptation learning path using automatic constructed concept map	Molood Aleebrahimdehkordi & Ahmad Agha Kardan	October 2013
31	Proposing a Method for Automatic Suggestion of link Description for Concept in Concept Maps	Mina Keyhaninejad & Ahmad Agha Kardan	May 2013

32	presenting a Hybrid Method for Assessing Learners by means of Concept Maps	Samira Sherkat Razavi & Ahmad Agha Kardan	May 2013
33	design a hybrid tag recommendation system based on keyword extraction and collaborative filtering	Mohammad Reza Fani Sani & Ahmad Agha Kardan	February 2013
34	Design and implementation of an interactive visualization system for online discussion boards to facilitate understanding content knowledge	Arman Cohan & Ahmad Agha Kardan	February 2013
35	design and implementation of a self-regulated supportive system based on learner model and using clustering techniques	Hamed Mirashk Daghighan & Ahmad Agha Kardan	February 2013
36	learner clustering based on learning model for adaptive assessment	Abdolreza Ghalamkari & Ahmad Agha Kardan	October 2012
37	presenting a model for visualization and analysis of learning networks to facilitate student learning and participation process	Yashar Vahidnia & Ahmad Agha Kardan	May 2012
38	review of studies on collaborative learning models and examine the practical methods of concept mapping in collaborative learning	Seyed Mohammad Mehdi Shapourian & Ahmad Agha Kardan	May 2012
39	design and implementation of a system for personalization of learning path in the E-learning environment	Roya Hosseini & Ahmad Agha Kardan	February 2012
40	design and implementation of a system for automatic detection of key concepts and their semantic relations in educational resources	Farzad Farahmandnia & Ahmad Agha Kardan	February 2012
41	design and implementation of A Web-based supportive system with self-regulated learners assisted mechanisms	Nahid Ghassabzadeh Saryazdi & Ahmad Agha Kardan	February 2012
42	user knowledge modeling in online communities with link analysis approach for expert finding	Amin Omidvar & Ahmad Agha Kardan	February 2012
43	an architecture for e- learning content assessment based on knowledge discovery and continual evaluation of learning content	Shabnam Teimoori & Ahmad Agha Kardan	May 2011
44	design and implementation a recommender system for recommending the learning sources in an e- learning system	Golsa Mirbagheri & Ahmad Agha Kardan	May 2011
45	designing a system architecture to extract concepts and to semi-automatically generate and complete learners concept map and to understand learning subject	Mojdeh Hakimian & Ahmad Agha Kardan	May 2011
46	representing open learner model based on knowledge and emotion of the learner	Somayeh Modaberi & Ahmad Agha Kardan	February 2011
47	personalized summarization of discussion groups using the learner model	Mehdi Garakani & Ahmad Agha Kardan	February 2011
48	using concept maps to identify subject experts in an e-learning environment	Fatemeh Hendijani Fard & Ahmad Agha Kardan	October 2010
49	Classifying Knowledge types and processes for Knowledge Discovery in Oil & Gas company	Armin Ghaderi & Ahmad Agha Kardan	October 2010
50	Annotating E-Learnings texts based on text mining	Khadijeh Shafiee & Ahmad Agha Kardan	October 2010
51	devising a recommender system for E-learning environments by integrating tags in the user model	Solmaz Abbaspour-Sani & Ahmad Agha Kardan	October 2010
52	A recommender system for asynchronous discussion group in collaborative learning environment	Mahnaz Ebrahimi & Ahmad Agha Kardan	October 2010

53	customization moodles learning management system and Design and implementation of Annotate component	Asad Mohammadi & Ahmad Agha Kardan	October 2010
54	A daptation of self evaluation assessment to improve mental knowledge retrieval	Saeideh Monfared & Ahmad Agha Kardan	May 2010
55	determining the Effective parameters in Designing of Virtual Wedding Ceremony Environment	Ayoob Sadeghiani & Ahmad Agha Kardan	May 2010
56	Learning process personalization by recommender system based on emotional user model	Omid Reza Blouki Speily & Ahmad Agha Kardan	January 2010
57	Knowledge acquisition from learners text annotations to improve user modeling in adaptive e-learning system	Fakhroddin Noorbehbahani & Ahmad Agha Kardan	January 2010
58	A semantic approach to discover e-content in grid content repositories	Shima Zahmatkesh & Ahmad Agha Kardan	July 2009
59	An approach for dynamic communication structures in wireless sensor network for power optimization	Mouna Hakami & Ahmad Agha Kardan	July 2009
60	Presenting a technique for detecting learning-contents tendency by estimating learners skill mastery	Samad Kardan & Ahmad Agha Kardan	February 2009
61	Using emotional student model for educational exercise content adaptation to improving education process	Younes Einavipour & Ahmad Agha Kardan	February 2009
62	A specific framework for Information technology strategic planning in free trade zones of Iran	Ramin Mashayekhi & Ahmad Agha Kardan	October 2008
63	Evaluation of effective parameters in user satisfaction in m-learning systems	Shadi Haghhighatpour & Ahmad Agha Kardan	June 2008
64	Presenting the evaluation solutions of learners readiness in a higher education e-learning system for supporting affairs	Tahereh Mirsaeed-Ghazi & Ahmad Agha Kardan	April 2008
65	Study of IT governance parameters in an organization and comparing the governance approach with current frameworks	Nazanin Daneshvar & Ahmad Agha Kardan	April 2008
66	Design and Implementation of a Sequencer Tool for SCORM-Based Content Packages	Mohsen Yoosefinejad & Ahmad Agha Kardan	October 2007
67	Developing an E-learning Model for Small and Medium Enterprises	Abbas Nasiri & Ahmad Agha Kardan	October 2007
68	Presenting a Service Oriented Architecture Model Based on Grid Services for E-learning Systems	Hassan Gardesh Gilvaei & Ahmad Agha Kardan	October 2007
69	An Approach for E-content Sequencing Using an ISD Model	Fatemeh Ahmadi Abkenari & Ahmad Agha Kardan	September 2007
70	REVISION OF FLEXIBLE POWER SCHEDULING PROTOCOL WITH POER - A WARE ROUTING ALGORITHM	Mohammad Kajbaf & Ahmad Agha Kardan	July 2007
71	OPTIMIZATION AND SPECIFICATION OF APPLICATION - SPECIFIC ALGORITHMS FOR PORTITIONING OF RECONFIGURABLE EMBEDDED SYSTEMS	Mohamadsadegh Sadeghi & Ahmad Agha Kardan	April 2007
72	WAYS TO CONVERT RESOURCE MANAGEMENT TO REFLECTIVE FORM IN EMBEDDED SYSTEMS	Seyyed Aboalfazl Sayyadi & Ahmad Agha Kardan	March 2007
73	POWER OPTIMIZATION TECHNIQUES FOR EMBEDDED SYSTEM BASED AN ACTIVITY ON LOW POWER ADDRESS AND DATA BUSSES	Mahdi Maleki & Ahmad Agha Kardan	February 2007

74	DEVELOPMENT OF A METHOD FOR HARDWARE/ SOFTWARE PORTIONING AVIMED AT APPLICATION SPECIFIC DESIGNS	Maryam Zomorodi Moghaddam & Ahmad Agha Kardan	January 2007
75	VPN INTER-DOMAIN SECURITY POLICY CONFLICT RESOLUTION	Hoda Jalal Kamali & Ahmad Agha Kardan	August 2006

## Journal Papers

### Portal Records

- 1 Ahmad Agha Kardan, Mohammad Reza Fani Sani, Somayeh Modaberi, "Implicit Learner assessment based on semantic relevance of tags", COMPUTERS IN HUMAN BEHAVIOR, October 2015 Vol. 55, Num. 0, Page 743-749, October 2015,
- 2 Ahmad Agha Kardan, Hamid Sadeghi, "An efficacious dynamic mathematical modelling approach for creation of best collaborative groups", MATHEMATICAL AND COMPUTER MODELLING OF DYNAMICAL SYSTEMS, September 2015 Vol. 0, Num. 0, Page 1-15, September 2015,
- 3 Ahmad Agha Kardan, Mahdi Aziz, Maryam Shahpasand, "Adaptive systems: a content analysis on technical side for e-learning environments", ARTIFICIAL INTELLIGENCE REVIEW, June 2015 Vol. 0, Num. 0, Page 0-0, June 2015,
- 4 Hamid Sadeghi, Ahmad Agha Kardan, "A novel justice-based linear model for optimal learner group formation in computer-supported collaborative learning environments", COMPUTERS IN HUMAN BEHAVIOR, February 2015 Vol. 48, Num. 0, Page 436-447, February 2015,
- 5 Hamid Sadeghi, Ahmad Agha Kardan, "Toward effective group formation in computer-supported collaborative learning", INTERACTIVE LEARNING ENVIRONMENTS, January 2014 Vol. 0, Num. 0, Page 1-14, January 2014,
- 6 Ahmad Agha Kardan, Hamid Sadeghi, Saeed Shiry Ghidary, Mohammad Reza Fani Sani, "Prediction of student course selection in online higher education institutes using neural networks", COMPUTERS & EDUCATION, July 2013 Vol. 65, Num. 1, Page 1-11, July 2013,
- 7 Ahmad Agha Kardan, Hamid Sadeghi, "A decision support system for course offering in online higher education institutes", INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, May 2013 Vol. 6, Num. 5, Page 928-942, May 2013,
- 8 Ahmad Agha Kardan, Majid Rafiei, "A Novel Method Based on Concept Map for Expert Finding in Online Communities", International Journal of Natural and Engineering Sciences, February 2013 Vol. 7, Num. 2, Page 82-85, February 2013,
- 9 Ahmad Agha Kardan, Amin Omidvar, Mojtaba Behzadi, "Context based Expert Finding in Online Communities using Social Network Analysis", International Journal of Computer Science Research and Application(IJCSRA), January 2012 Vol. 2, Num. 1, Page 79-88, January 2012,
- 10 Ahmad Agha Kardan, Nahid Ghassabzadeh Saryazdi, Hamed Mirashk, "Learner Clustering and Association Rule Mining for Content Recommendation in Self-Regulated Learning", International Journal of Computer Science Research and Application(IJCSRA), December 2011 Vol. 1, Num. 2, Page 69-78, December 2011,
- 11 Ahmad Agha Kardan, Ayoob Sadeghiani, "Is E-government a Way to E-democracy? A Longitudinal Study of the Situation", GOVERNMENT INFORMATION QUARTERLY, March 2011 Vol. 0, Num. 0, Page 1-34, March 2011,
- 12 Fakhroddin Noorbehbahani, Ahmad Agha Kardan, "The Automatic Assessment of Free Text Answers Using a Modified BLEU Algorithm", COMPUTERS & EDUCATION, January 2011 Vol. 56, Num. 56, Page 337-345, January 2011,
- 13 Ahmad Agha Kardan, Khamarnaz Tabrizi, Mohsen Naghibzade Meybodi, Abdolreza Ghalamkari, "Knowledge Evaluation Based On Learner Assessment and Utilizing Fuzzy System to Increase the Accuracy of Evaluation", International Journal of Information and Communication Technology(IJICT), January 2011 Vol. 3, Num. 1, Page 1-8, January 2011,

- 14 Ahmad Agha Kardan, Fatemeh Hendijani Fard, "Expert Finding System in E-Learning :Using Concept Map", International Journal of Information and Communication Technology(IJICT), January 2011 Vol. 3, Num. 1, Page 73-81, January 2011,
- 15 Tahere Mirsaeid Ghazi, Ahmood Kharrat, Ahmad Agha Kardan, Neda Eghbali, "A framework for Learner Preparation and Support in Academic E-Learning Environment", International Journal of Information and Communication Technology(IJICT), January 2011 Vol. 3, Num. 1, Page 33-41, January 2011,
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- 17 Ahmad Agha Kardan, Fakhroddin Noorbehbahani, "A Framework for Classification , Rating, and Extraction from Learners Annotation to Produce Learning Content in E-Learning Systems", , February 2010 Vol. 4, Num. 2, Page 163-170, February 2010,
- 18 Ahmad Agha Kardan, Samad Kardan, "Adaptive Assessment and Knowledge Level Estimation by Means of Knowledge Model and Bayesian Networks", , June 2009 Vol. 3, Num. 4, Page 267-280, June 2009,

## Conference Papers

### Portal Records

- 1 Ahmad Agha Kardan, Mozhddeh Taghavi Namin, "A Method to Enhance Contribution in Gamification-Based E-Learning ", (3th International Conference on Web Research (ICWR2017, April 2017
- 2 Ahmad Agha Kardan, Yasmin Jalali, "A New Approach for Measuring Knowledge Level based on Learner Model ", (3th International Conference on Web Research (ICWR2017, April 2017
- 3 Ahmad Agha Kardan, Ali Kazemi Arani, "Estimating the effectiveness of gamifying online exams on students learning ", The 11th Conference on E-learning, February 2017
- 4 Ahmad Agha Kardan, Roghaye Ahmadi, "Provide a Solution for User Validation and Expertise Degree Dynamic in Collaborative Systems ", The Eight International Symposium Telecommunications (IST2016), September 2016
- 5 Ahmad Agha Kardan, Yousef Aghajanloo, "An Approach for Classification of Emotional State in Twitter Social Network ", International Conference on Web Research, April 2016
- 6 Ahmad Agha Kardan, Behnam Bozorgi, "Evaluation of expert finding algorithms in social network in order to find premier algorithm ", International Conference on Web Research, April 2016
- 7 Ahmad Agha Kardan, Amir Narimani, "Presenting a new method to assess users contribution in question and answer forums ", 2nd International Conference on Web Research, April 2016
- 8 Ahmad Agha Kardan, Fatemeh Jahangiri, Narges Jahangiri, "Learner Modeling using Concept Map in Order to Resource Recommendation ", The 10th Annual Iranian Conference on e-learning, February 2016
- 9 Hamed Jafarpour, Ahmad Agha Kardan, "Examining Factors Effect to Determine Accuracy of Page Recommendation in Social Networks ", 9th European Conference on Data Mining(ECDM2015), July 2015
- 10 Ahmad Agha Kardan, Negin Rajaei Razavi, "Learner knowledge level calculation by concept map and concept weight estimation using neural networks ", 4th International Conference on Computer and Knowledge Engineering, October 2014
- 11 Ahmad Agha Kardan, Reza Salarmehr, Azade Farshad, "SigmoRep: A Robust Reputation Model for Open Collaborative Environments. ", 13th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom-14), September 2014
- 12 Hamed Jafarpour, Ahmad Agha Kardan, "Page Recommendation in Social Networks by Considering User and Domain Knowledge ", 8th European Conference on Data Mining(ECDM2014), July 2014

- 13 Ahmad Agha Kardan, Hamid Sadeghi, "Modeling the learner group formation problem in computer-supported collaborative learning using mathematical programming ", The 8th National and 5th International Conference on e-Learning and e-Teaching, March 2014
- 14 Ahmad Agha Kardan, Maryam Bahojb Imani, "Improving Persian POS tagging using the maximum entropy model ", The Iranian Conference on Intelligent Systems - ICIS, February 2014
- 15 Ahmad Agha Kardan, Omid Reza Bolouki Speily, Yosra Bahrani, "Personalized curriculum modeling by Using Bayesian networks ", the 8th national and 5th international conference e-learning and e-teaching, February 2014
- 16 Reza Salarmehr, Ahmad Agha Kardan, Negin Rajae Razavi, "Using paper evolutionary pattern to measure the value of the content reputation in collaborative environments ", the first national conference of new approaches in computer engineering and information retrieval, October 2013
- 17 Ahmad Agha Kardan, Reza Salarmehr, "Enhancing Collaborative Trust Management Systems by Considering Expertise Levels ", The 8th International Conference on Virtual Learning (ICVL), April 2013
- 18 Ahmad Agha Kardan, Arman Cohan, Mohammad Reza Fani Sani, "A Supporting Tool in Online Learning Forums Based on Multi-Documents Summarization ", The Fourth International Conference on E-Learning and E-Teaching, February 2013
- 19 Ahmad Agha Kardan, Maryam Bahojb Imani, Molood Alebrahimdehkordi, "ACO-Map: A Novel Adaptive Learning Path Method ", The 4th International Conference on E-Learning and E-Teaching, February 2013
- 20 Ahmad Agha Kardan, Mohammad Reza Fani Sani, Roya Hosseini, "TagAssessment: Using Tagging Technology for Learner Assessment ", 6th National and 3rd International conference of e-Learning and e-Teaching- ICELET2012, February 2012
- 21 Ahmad Agha Kardan, Mohammad Reza Fani Sani, Mohammad Rahmati, "A new Architecture for Tag Recommendation on Images with the help of Image Mining based on Color and Texture ", The 5th Data Mining, December 2011
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- 25 Ahmad Agha Kardan, Roya Hosseini, "Personalized Content Sequencing Based on Choquet Fuzzy Integral and Item Response Theory ", 3rd International Conference on Education Technology and Computer ICETC 2011-, July 2011
- 26 Ahmad Agha Kardan, Armin Ghaderi, "Knowledge Management Technology For Classifying, Process and Knowledge Discovery: Case Study in Oil & Gas Company ", 3rd Knowledge Management Conference( Razi Conference Center, March 2011
- 27 Fatemeh Hendijani Fard, Ahmad Agha Kardan, "Automated Concept Map Evaluation System For Expert Finding in Subject Domains ", The Second International Conference E-learning and E-Teaching, December 2010
- 28 Ahmad Agha Kardan, Mehdi Garakani, Bamdad Bahrani, "A Method to Automatically Construct a User Knowledge Model in a Forum Environment ", 33th annual international ACM SIGIR conference on research and development in information retrieval, July 2010
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- 30 Somayeh Modaberi, Ahmad Agha Kardan, Syede Fateme Norani, "using open learner modeling to improve accuracy of adaptation and reflection in e-learnig ", international Conference on e- learning & teaching, December 2009
- 31 Morteza Alaeddiny, Ahmad Agha Kardan, "Using An Old Technique In A New Technology - A Novel Method For Defining The Scope Of ISSs in BPM Projects ", ICCIT 2009, December 2009

- 32 Ahmad Agha Kardan, Mehdi Garakani, Somayeh Modaberi, "Validation of Messages in Discussion Groups Using the Learner Model: An Approach to Enhance Trustworthiness ", The 4th International Conference on Virtual Learning ICVL 2009, October 2009
- 33 Ahmad Agha Kardan, Omid Reza Blouki Speily, Somayeh Modaberi, "Recommender Systems for Smart Lifelong Learning Systems ", ICVL09 International conferences on virtual learning, October 2009
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