


Prof. Urjita Thakar

1. Personal Information		
(i)	Name	Prof. Urjita Thakar
(ii)	Qualification	Ph.D
(iii)	Designation	Professor
(iv)	Email-id	thakarurjita@gmail.com
(v)	Employee No.	196
(vi)	Department	Computer Engineering Department
(vii)	Experience	30 years



2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
1	Higher Secondary	Physics, Chemistry, Mathematics	1984	M.P. Board of Secondary Education
2	Bachelor of Engineering	Computer Engineering	1990	Devi Ahilya VishwaVidyalaya, Indore
3	Master of Engineering	Computer Engineering	1997	Devi Ahilya VishwaVidyalaya, Indore
4	Doctor of Philosophy	Computer Science and Engineering	23-09-2013	Rajiv Gandhi Vishwavidyalaya, Bhopal

3. Research Interests
Information Security, Algorithms

4. Details of Research paper Publications				
(i) International Journal				
S.No.	Title of Research Paper	Name of Journal and Year/Issue No.	Publication as main author or co-author	Remarks , if any
1.	Genetic Algorithm For Solving the Travelling Sales Person Problem Using Neighbour-Baased Constructive Cross Over Problem	International Journal of Engineering Sceinces and Reseach Technology, (Thomson Reuters ResearcherID), 7(4), ISSN: 2277-9655, Pp 101-110, April 2018.		
2	Use of ICT in Customer Loyalty Programs: A State of the Art Review	International Journal for Research in Applied Science & Engineering Technology (IJRASET)ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 6.887, Volume 6 Issue VI, June 2018- Available at www.ijraset.com, Pp: 1010-1020 2018-19.		
3	Challenges and Opportunities in Integrating Multiple ICT Systems for Contemporary Loyalty Program Management	International Journal for Research in Electronics and Computer Engineering (IJRECE), ISSN: 2393-9028 (P RINT), ISSN: 2348-2281 (O NLINE), VOL. 6, ISSUE 3, Pp:2059-2067, JULY - SEPTEMBER 2018.		
4	Dynamic Simulated Annealing for solving the Traveling Salesman Problem with Cooling	International Journal of Scientific and Research Publications (IJSRP). 8. 213-220. 10.29322/IJSRP.8.3.2018.p7531.		

	Enhancer and Modified Acceptance Probability.			
5	A Novel Approach to Prevent Information Leakage on OSN based on Trust Clearance	I J C T A, 9(40), ISSN: 0974-5572, 2016, pp. 571-579, International Science Press.		
6	Finding Community in Social Network Based on Profile Attributes	I J C T A, 9(40), ISSN: 0974-5572, 2016, pp. 587-596, International Science Press		
7	Prevention Against CSRF Attack Using Client Server Mutual Authentication Technique	International Research Journal of Engineering and Technology (IRJET),www.irjet.net, e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 04 Issue: 11, Nov -2017		
8	A Signature-based Clustering Approach for Record Matching from Multiple Databases	International Journal of Computational Engineering & Management (IJCEM), (Volume 20 Issue 6, November 2017) www.ijcem.org,ISSN: 2230-7893, UGC APPROVED INTERNATIONAL JOURNAL		
9	Classifying Web Services based on QoS Parameters using Extended Dataset	International Journal of Computer Applications 74(8):33-36,. Published by Foundation of Computer Science, New York, USA, ISSN No. 0975-8887, Impact Factor 0.821, July 2013		
10	Constant Time contention	International Journal of Advance Research in Computer Science and		

	Resolution, MAC Scheme for Multi-Rate Ad-Hoc Network	Engineering, <i>ISSN 2320-9194</i> , Volume 1, Issue 7, Pp 20-27, July 2013,		
11	A Methodology to Compose Web Services using Compatible Components based on QoS and Security Requirements of the Users	International Journal of Computer Applications, Published by Foundation of Computer Science, New York, USA, <i>ISSN No. 0975-8887</i> , 46(10):30- 37, May 2012.		
12	A Comparative Study of Rate Matching and IG-MAC Schemes In Multi-Rate Ad Hoc Networks	IRACST - International Journal of Computer Science and Information Technology & Security (IJCSITS), <i>ISSN:2249-955</i> , Vol. 2, No.1, Pp 4-11, 2012		
13	OLearner - An Ontology Based Learning Content Management System to Support Semantic Search and Contribution of Learning Objects	Journal of Algorithms & Computational Technology Vol. 4 No. 4, <i>ISSN 1748-3018</i> (Print), Multi-Science Publishing Co. Ltd, U.K., pp.587-605, December 2010		
14	A Scheme for Execution of a Complex service in an Environment where Services are Vulnerable to Intrusion	Journal of Information Assurance and Security (JIAS), Vol. 5 Issue 1, <i>ISSN 1554-1010</i> , Publisher: Dynamic Publishers Inc., USA, pp. 579-587, 2010		

	Attacks			
15	Pattern Analysis and Signature Extraction for Intrusion Attacks on Web Services	International Journal of Network Security & Its Applications (IJNSA), 2 Number 3, Publisher: Academy & Industry Research Collaboration Center (AIRCC), pp. 190-205, ISSN: 0974-9330 (Online), <i>ISSN 0975-2307 (Print)</i> , July 2010		
16	An Approach to Discover Web Service Providers based on Security Support	International Journal of Web Applications, Vol. 1, No.2, <i>ISSN 0974-7710(Print), ISSN 0974-7729 (Online)</i> , Publisher: Digital Information Research Foundation, USA, pp. 47-56, June 2009		
17	Performance Evaluation and Comparison of Routing Protocols of Mobile Ad-hoc Networks (MANETs) using Qualnet	International Journal of Computer and Electronics Engineering, <i>ISSN 0973-7448</i> , Publisher: Research Science Press, India, 2009		
18	A Novel Scheme for Selection of Confidentiality and Integrity Levels in Web Services Based E-commerce Applications	International Journal of Computer and Electronic Engineering, Vol. 1, No. 1, <i>ISSN: 0975-4202</i> , Publisher: Research Science Press, India, pp.13-25, Jan-June 2009		
19	A Comparative Experimental Study of Routing Protocols for Mobile AdHoc Networks (MANETs) Using	Special Issue of International Journal of Lateral Computing, Vol 3, No.1, <i>ISSN No. 0973-208X</i> , Pp51- 61, 2006.		

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(ii) National Journal:				
S.No.	Title of Research Paper	Name of Journal and Year/Issue No.	Publication as main author or co-author	Remarks , if any
1	A State Transition Analysis Technique (STAT) Based Intrusion Detection System for Mail Transport Agent	Varah Mihir Journal of Computer and Information Sciences, Vol. 2 No.1&2, Pages: 37-56, ISSN No. 0973-3639, 2007.		

(II)International Conference :					
S. No.	Title of Paper	Name of Conference	Place/Date	Organizing Society/ Institute	Remarks, if any
1.	Finding Customer Loyalty Based on Weighted RFMD Clustering Model.	Proceedings of 4th International Conference on Next Generation Computing Technologies (NGCT-2018) in Springer Communications in Computer and Information Science (CCIS) ISSN No.: 1865-0929, University of Petroleum and Energy Studies,	Dehradun, Uttarakhand, November.	University of Petroleum and Energy Studies, Dehradun, Uttarakhand, November.	
2	An Efficient and Scalable Record Linkage Approach to Identify Falsified Applications	2018 International Conference on Computer Communication and Informatics (ICCCI -2018)	Jan. 04 – 06, 2018, Coimbatore, INDIA .	(ICCCI -2018)	

	in e-Governan ce Databases				
3	Distance Based Oversampli ng Method to Solve Multi-class Imbalance Problem	7th IEEE International Conference on Communication Systems and Network Technologies (CSNT-2017)	Nov 11-13, 2017 at Nagpur, India.	Organized by IIIT, Nagpur	
4	A mechanism for Operation Level Role Based Access Control in Web Services,	7th IEEE International Conference on Communication Systems and Network Technologies (CSNT-2017) Nagpur,	Nov 11-13, 2017 at Nagpur, India.	Organized by IIIT,	
5	Finding Community in Social Network Based on Profile Attributes	2 nd International Conference SCESM 2017	27-28 Jan 2017.		
6	A Novel Approach for Sensitive Information Sharing on Online Social Networks based on Trust Clearance,	2 nd International Conference SCESM 2017	27-28 Jan 2017.		

7	On Composition of SOAP Based and RESTful Services	IEEE 6th International Conference on Advanced Computing (IACC), ISBN Information:INSPEC Accession Number: 16232684, DOI: 10.1109/IACC.2016.99	2016,27-28 Feb. 2016, Bhimavaram, India	IEEE,	
8	A User Action Based Approach to Determine Trustworthiness among Users in Social Network	International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), ISBN Information:INSPEC Accession Number: 17238701, DOI: 10.1109/I-SMAC.2017.8058327.	2017, 10-11 Feb. 2017, Palladam, India .	IEEE	
9	A Framework To Integrate Multiple Cloud Storage Services And Provide Consistent Feature Set	2014 Annual IEEE India Conference (INDICON), Pages: 1 - 5, DOI: 10.1109/INDICON.2014.7030416.	2014		
10	Design of Composite Web Service to Obtain Best QoS	<i>LNCS Springer-Verlag Berlin Heidelberg;</i> International Conference on Information System, Design and Intelligent Applications (INDICON 2012),			
11	Web Shield: A Modified Firewall to Detect Malicious Request	LNCS, Springer-Verlag Berlin Heidelberg; International Conference on Information System, Design and Intelligent Applications (INDICON	2012	Springer	

		2012), Pages: 497-506			
12	An Approach to Improve Performance of a Packet-Filte ring Firewall	Proceedings of IEEE International Conference on wireless Networks WCON-2012	August 2012	IEEE International Conference	
13	Efficiency Enhanced Association Rule Mining Technique	<i>Springer-Verlag Berlin Heidelberg</i> ; International Conference on “Parallel, Distributed Computing Technologies and Application” (PDCTA2011), Manonmaniam Sundharanar University, Tirunelveli	Tirunelveli, India, 2011	Manonmaniam Sundharanar University, Tirunelveli,	
14	Semi-Super vised Classificatio n for Intrusion Detection Systems in Networks,	IEEE Xplore, Proceedings of International Conference on Cybernetics and Intelligent Systems (CIS-2010)	2010	IEEE	
15	A Higher Accuracy Classifier based on Semi-Super vised Learning,	IEEE Xplore, 2010 IEEE International Conference on Computational Intelligence and Communication Networks	2010	IEEE	
16	User Requiremen t Based	IEEE Proceedings of International Conference on Emerging Trends in	2009	IEEE	

	Service Discovery for Event Planning System,	Engineering and Technology			
17	Securing Web Services Communication using Authentication and Confidentiality,	Proceedings of International Conference on Emerging Trends in Computing	2009		
18	Ontology Based E-Learning System to Support Semantic Search	Proceedings of 2 nd International Conference on Semantic e-Business and Enterprise Computing (SEEC)	2009		
19	An Ontology Driven Rule Based Composition Framework to Extend Domain of Trust of Business Process.	Proceedings of International Conference on Semantic e-Business and Enterprise Computing (SEEC); Kingston University, London	2008	Kingston University, London	
20	An Architecture for Ontology Based Learning Content Management	Proceedings of International Conference on Semantic e-Business and Enterprise Computing (SEEC).	2008	Kingston University, London,	

	t System to Support Semantic Search for Learning Objects.				
21	Design and Development of a Semantically Enriched Travel Web service.	Proceedings of International Conference on Semantic e-Business and Enterprise Computing (SEEC); Pages: 60-65, Kingston University.	2008	Kingston University, London	
22	Intrusion Attack Pattern Analysis and Signature Extraction for web Services Using Honeypots.	IEEE Proceedings of First International Conference on Emerging Trends in Engineering and Technology.	2008	IEEE	
23	A User Guided Approach for Selection of Security Level in Composite Web Service.	Proceedings of International Conference on e-Business; Pages: 119-123.	Bangkok, 2006	King Mongkut University, Bangkok	
24	A Security Agent for Client Side Sensitive information Protection.	Proceedings of International Conference on e-Business; Pages: 124-130, King Mongkut University, Bangkok.	2006	King Mongkut University, Bangkok.	

25	A User Authentication and Identification Method for Toll Collection System	International Workshop on Applied Information Technology 2005, IAIT'05.	2005		
26	HoneyAnalyzer – Analysis and Extraction of Intrusion Detection Patterns & Signatures Using HoneyPot.	Second International Conference on Innovations in Information Technology (IIT'05), Pages: 1-7.	September 26-28, 2005, Dubai-UAE		
27	Parallel Processing over a Network of Workstation	International Conference on Knowledge Management (imaze-2002).	2002		
28	Automatic Validation of Data During Entry Using ActiveX Control,	International Conference on Knowledge Management (imaze-2002).	2002		
29	Interaction: A Glue between Industry and the Institute	International Conference on Technical Education in 21 st Century, Challenges and Strategies, Pages-161-167	1998	Org. by DTE, Madhya Pradesh,	

6.Details of Conference/Seminar/Winter Summer Schools/Training Organized

S.No.	Title of Course	Organizing Institute	Duration Period of Course	Capacity in which involved
1.	24 th Annual Convention of ISTE in Dec 1992.		Dec 1992	Member, Organizing Committee
2.	International Conference on Automation (ICAUTO'95)		14-16 Dec 1995	Member, Organizing Committee
3.	International Conference on Technical Education in 21 st Century (ICTE-21)		8-10 Jan 1998	Member, Academic Committee
4.	Regional Conferences under the banner of CSI, Indore Chapter COMPUTING-2005		14-15 May 2005	Member, Organizing Committee
5.	National Conference on Emerging Trends in Information Technology		18-20 Dec 2007	Convener, Organizing Committee
6.	Two Week ISTE workshop on 'Effective Teaching / Learning of Computer Programming' in collaboration with IITB under NMECT		14-24 December, 2009	Remote Center Coordinator and Course Coordinator
7.	Two Week ISTE workshop on 'Data Base Management Systems' in collaboration with IITB under NMECT		13-23 December, 2010	Network Coordinator
8.	Two week ISTE Workshop on Software Development Techniques for Teachers of Engineering and Science Institutes		5 Nov- 4 Dec 2011(weekends)	Network Coordinator

9.	Two week ISTE Workshop on 'Writing Papers for Technical Conferences', scheduled in collaboration with IITB under NMECT		Feb18-19, 2012	Remote Center Coordinator and Workshop Coordinator
10.	Two week ISTE Workshop Computation Fluid Dynamics		12-22, June, 2012	Remote Center Coordinator
11	Two week ISTE Workshop Introduction to Research Methodologies		25 June -4 July 2012	Remote Center Coordinator

7.Details of contribution in Industrial/ Institutional testing and consultancy:

S. No.	Industry/ Organization	Period
1.	Ideavate Solutions Pvt Ltd, Indore/USA	2011-12
2.	Supra Computers Pvt. Ltd., Indore	1997-98
3.	Takshshila Computers, Indore	1996-97
4.	Optel India Ltd., Indore	1996-97
5.	Impetus Ltd., Indore/USA	1995-96

8. Details of Responsibilities held in Institutional administration and development works.

- **Member BoS, Computer Sc. & Engg, RGPV, Bhopal**
- **At Institute Level**
 1. Head, Department of Computer Engineering
 2. In-Charge, Computer Center
 3. Chairman/Member, CWN Committee
 4. Member, Discipline Committee
 5. Member, Women Development Cell
 6. Member, Discipline Committee
 7. Assistant Supdtt., Semester Examinations
 8. Member, Academic Council
 9. Remote Center Coordinator for conducting ISTE workshops in collaboration with IIT, Bombay under NMEICT, MHRD, Govt. of India

- **At Department Level**

1. Coordinator of Accreditation related work for the department.
2. Board of Studies- Agenda, Contacting Expert, Coordinating modifications in schemes syllabi with other faculty members, Preparing Minutes
3. Department Stores in-charge- Involved in annual stock verification, write off related activities.
4. Member of DPC
5. Member, Exam Sub-committee
6. Practical exam
7. Compiling short of attendance and Detention related information
8. Coordinating M.E. Dissertation viva-voce exams,
9. Lab in-charge- Hardware Lab
10. Coordinating Expert Lectures in the department
11. In charge of Distance Education Program running in collaboration with IIT Bombay- Presently only Workshops, Winter/Summer Schools are being run during May-June and Nove-Dec every year.
12. Coordinating with QIP Ph.D. candidates