Payal Gulati

House No. 1H-36, NIT, Faridabad
gulatipayal@yahoo.co.in

Experience

Total Experience: 9.5 years

- Currently working as Assistant Professor (IT) in YMCA University of Science & Technology, Faridabad since 14th Jan, 2008.

Current Duties

- Teaching Course Work
- Class Coordinator
- Ph.D. Co- coordinator

Education & Credentials

Ph.D. in Computer Engineering from MDU, Rohtak, November, 2013.

M.Tech Computer Engineering from YMCA University of Science & Technology, 2008.

B.E. Information Tech.*,* LIMAT, Faridabad affiliated to MDU, Rohtak, 2006

Publications/Research work

International Journals

1. Dr. A K Sharma and Payal Gulati. Article: Ontology Driven Query Expansion for Better Image Retrieval. *International Journal of Computer Applications* 5(10):33–37, August 2010.

2. Priyanka Makkar, Payal Gulati, Dr. A.K. Sharma. Article: A Novel Approach for Predicting User Behavior for Improving Web Performance. *(IJCSE) International Journal on Computer Science and Engineering .* Vol. 02, No. 04, 2010, 1233-1236.

3. Payal Gulati, A. K. Sharma, "Analysing Word Importance for Image Annotation", IJCSI International Journal of Computer Science Issues, Vol. 10, Issue 1, No 2, January 2013. (DBLP indexed)

4. Payal Gulati and Dr. A.K. Sharma," A Novel Approach for Annotating Images by Semantic Similarity & Keyword based Association Analysis" ,Journal of Multi Disciplinary Engineering Technologies, May 2013.

5. Payal Gulati, A. K. Sharma, "Analysing Word Importance for Image Annotation", Information Retrieval (cs.IR); Computer Vision and Pattern Recognition (cs.CV),Arxiv, June 2013.

International Conferences

1. Gulati, P. Sharma, A.K. Goel, A. Pandey, J. A Novel Approach for Determining Next Page Access. Emerging Trends in Engineering and Technology, 2008. ICETET '08. First International Conference on ,16-18 July 2008 ,1109 - 1113 ,Nagpur, Maharashtra(IEEE Xplore, ACM).

2. Paha, N.; Gulati, P.; Gupta, P.; Dept. of Comput. Eng., YMCA Inst. of Eng., Faridabad, India. Ontology Driven Conjunctive Query Expansion based on Mining User Logs. Proceeding of International Conference on Methods and Models in Computer Science, 2009. ICM2CS 2009. 14-15 Dec. 2009 ,1 – 4, Delhi (IEEE Xplore).

3. Jyoti, A.K. Sharma, Amit Goel, Payal Gulati, "A Novel Approach for Clustering Web User Sessions Using RST," act, pp.657-659, 2009 International Conference on Advances in Computing, Control, and Telecommunication Technologies, 28-29 Dec 2009, Trivandrum, Kerala, India(IEEE Xplore, ACM).

4. Payal Gulati, Poonam, "A Tool for Multiple Condition Coverage of VHDL Models", International Conference on Innovative Technologies, 18-19 June 2009.

5. Payal Gulati, Poonam Katyal, "A Rough Set Approach for Clustering Patterns in Crime Detection", International Conference on Innovative Technologies, 18-19 June 2009.

6. Payal Gulati, Poonam Katyal "Web Mining Benefiting Societal Areas: A Review", International Conference on Wireless Networks and Embedded Systems, 23-24 Oct, 2009.

7. Payal Gulati, Poonam, Nisha Pahal, Parul Gupta, "Context Ontology Driven Relevant Search using Data Mining Techniques (CODT)", International Conference on Methods and Models in Computer Science (ICM2CS), 13-14 Dec 2010.

8. Payal Gulati, Dr. A.K. Sharma, "A Novel Approach for Better Image Retrieval", International Conference on Computing, 27-28 Dec 2010 (ACRS).

9. Payal Gulati, Dr. A.K. Sharma, "A Novel Approach for Efficient Indexing of WWW Images", International Conference on Computing, Dec 2011 (ACRS).

10. Payal Gulati and Dr. A.K. Sharma, "Intercepting Temporal Constraints for Searching Images over the Web", International Conference on "Information Systems & Computer Networks", ISCON 2013, Pg.129 – 132, March 9-10, 2013.

11. Manisha Yadav, Payal Gulati, "A Novel Approach for Extracting Relevant Keywords for Web Image Annotation using Semantics", 9th International Conference on Advances in Soft-Computing, E-Learning, Information & Communication Technology", ASEICT-2015.

12. Payal Gulati , Manisha Yadav, "A Novel Approach for Extracting Pertinent Keywords for Web Image Annotation using Semantic Distance and Euclidean Distance", CSI- India, Digital Life, 2015.

National Conference

1. Payal Gulati, "An Architectural Framework for Personalized E-business Service Recommendation System using Data Mining Techniques", NCSCAI,pp.171-174,2009 Proc. of National Conference on Soft Computing & Artificial Intelligence, 2009.

2. Payal Gulati, "Efficient Implementation of Network Security Algorithms using VHDL: A Survey", ASTECS, Proc. of National Conference Application Specific Trends of Electronic Devices Circuits and Systems, 2009.

3. Payal Gulati, "Enhancing E-business and Improving Customer Relationship using Data Mining Techniques: A Survey", Proc. of National Conference on Managing Technology for Organization Excellence", 2009.

4. Priyanka Makkar and Payal Gulati, "An Approach for Extracting Site Structure to Enhance Web Performance", National Conference on Emerging Trends in Information Technology & Management, 28 August 2010.

Workshop

1. Payal Gulati, "Software Testing of Embedded System", Workshop on Nanotechnology & Embedded System, 23rd July- 3rd August 2012.

Short Term Course Attended

S.No.	Name of the Course	Duration of Course	Institute conducting Course/Workshops
1.	Taguchi	26-12-11 to 31-12-11	GBU, Greater Noida
2.	Applications of Advanced Computing Technologies	2-01-12 to 14-01-12	AICTR, Geeta Colony, Delhi
3.	Application of Artificial Intelligence tools in Power System	19-06-12 to 25-06-12	YMCAUST, Faridabad
4.	Information Security and Cyber Forensic	9-07-12 to 14-07-12	YMCAUST, Faridabad
5.	Workshop on Nanotechnology and Embedded System	23-07-12 to 3-08-12	YMCAUST, Faridabad
6.	Emerging Trends in Engineering, Technology and Management	1-07-13 to 14-07-13	YMCAUST, Faridabad
7.	FDP on Teaching Skill Enhancement	06-01-2014 to 10-01-2014	YMCAUST, Faridabad
8.	ISTE Approved FDP on Matlab and SPSS (22nd July'14 to 28th July'14)	22-07-2014 to 28-07-2014	YMCAUST, Faridabad
9.	STC Technical Teacher's Role, Self Esteem, Motivation & Professionalism Development through ICT	8-06-2015 to 12-06-2015	NITTTR Chandigarh Venue: YMCA UST, Fbd
10.	Artificial Neural Network through ICT	25-04-2016 to 29-04-2016	NITTTR Chandigarh, Venue : YMCA UST, Fbd.
11.	Artificial Neural Network through ICT	25-04-2016 to 29-04-2016	NITTTR Chandigarh Venue: YMCA UST, Faridabad
12.	Big Data Analytics, Text Mining and Data Mining Using SPSSS	19th Dec 2016 to 24th December 2016	CE Department, YMCAUST

Personal Details

Date of Birth	:	14-04-1984
Gender	:	Female
Martial Status	:	Married