


Dr. Anuradha Purohit

1. Personal Information		
(i)	Name	Dr. Anuradha Purohit
(ii)	Qualification	Ph.D. Computer Engineering
(iii)	Designation	Associate Professor
(iv)	Email-id	apsgsits@gmail.com
(v)	Employee No.	7909005
(vi)	Department	Computer Engineering Department
(vii)	Experience	20.5 Years Teaching Experience



2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
1.	Ph.D.	Computer Engineering	2016	RGPV, Bhopal
2.	M.E.	Computer Engineering	2008	RGPV, Bhopal
3.	B.E.	Computer Engineering	2000	Vikram University, Ujjain
4.	HSC	Science Mathematics	1995	M.P. Board
5.	High School	All Subjects	1993	M.P. Board

3. Research Interests
Soft Computing, Machine Learning, Genetic Programming

4. 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	Rumor Detection System for Twitter (a micro-blogging site)	International Journal of Recent Technology and Engineering (IJRTE), Vol. 8, Issue-4, November 2019, ISSN: 2277-3878,)	Co-author	(SCOPUS Indexed – UGC-Care Journal
2	Facial Expression Recognition using Ensemble Learning Technique	International Journal of Recent Technology and Engineering (IJRTE), Vol. 8, Issue-4, November 2019, ISSN: 2277-3878,	Co-author	(SCOPUS Indexed – UGC-Care Journ
3	Image Feature Selection using Ant Colony Optimization	International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 9, Issue 1, November 2019, ISSN: 2278-3075,	Co-author	(SCOPUS Indexed – UGC-Care Journ
4	Feature Subset Selection Using Agglomerative Clustering	International Journal of Research in Electronics and Computer Engineering (IJRECE), Vol.6, Issue 2, April-June 2018, ISSN: 2348-2281(Online), pp. 726-729	Co-author	(UGC Approved Journal)
5	RGAP: A Rough Set, Genetic Algorithm and Particle Swarm Optimization based Feature Selection	International Journal of Computer Applications, Volume 161, No. 6, March 2017, ISSN 0975-8887, pp. 1-5	Co-author	

	Approach			
6	Feature Selection using Modified Particle Swarm Optimization	International Journal of Computer Applications, Volume 161, No. 7, March 2017, ISSN: 0975-8887, pp. 8-12	Co-author	
7	A Survey on Methods for Solving Data Imbalance Problem for Classification	International Journal of Computer Applications, Volume 127 – No.15, October 2015, ISSN: 0975-8887, pp. 37-41	Co-author	
8	Text Classification in Data Mining	International Journal of Scientific and Research Publications, Volume 5, Issue 6, June 2015, ISSN: 2250-3153, pp. 1-6	Main-Author	
9	Code Bloat Problem in Genetic Programming	International Journal of Scientific and Research Publications (IJSRP), Volume 3, Issue 4, 2013, ISSN: 2250-3153, pp.1-5	Main-Author	
10	A New Mutation Operator in Genetic Programming	ICTACT Journal on Soft Computing (IJSC), 2013, Volume 3, Issue 2, ISSN: 2229-6956 (Online), pp.467-471	Main-Author	
11	Genetic Algorithm for Classification in Data Mining	International Journal of Computer Science and its Applications, 2011, ISSN 2250 – 3765, pp.77-81	Main-Author	
12	Genetic Algorithm for Classification of Web Documents	International Journal of Computer Science and its Applications, 2011, ISSN 2250 – 3765, pp.430-433	Main-Author	
13	Multiclass Classifier with Feature Selection using Genetic Programming	International Journal on Computer Engineering and Information Technology (IJCEIT), ISSN 0974-2034, Vol. 08, No 13. Jan.-Feb. 2010, pp. 26-30	Main-Author	
14	Genetic	International Journal of	Main-	

	Programming for Classification	Computer and Electronics Engineering (IJCEE), Vol. 1, Jan-June 2009, ISSN: 0975-4202, pp.69-76	Author	
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(II)International Conference :

S. No.	Title of Paper	Name of Conference	Place/ Date	Organizing Society/ Institute	Remarks, if any
1	Text Summarization for Information of Famous Indian Historical Monuments	10 th International Conference on Soft Computing for Problem Solving - SocProS 2020	18-20 Dec. 2020 Online	IIT Indore & Soft Computing Research Society	
2	An Approach for Document Clustering using PSO and K-means	International Conference on Inventive Systems and Control (ICISC 2018)	19-20 Jan 2018, Coimbatore, India, pp. 1380-1384	JCT College of Engg. & Tech.	
3	Handling The Problem of Code Bloating to Enhance the Performance of Classifier Designed using Genetic Program	5 th Indian International Conference on Artificial Intelligence (IICAI-11)	14-16 December 2011, Tumkur, Bangalore, pp. 333-342	Siddaganga Institute of Technology (SIT), Tumkur, India	

	ming				
4	Removing Code Bloating in Crossover Operation in Genetic Programming	International Conference on Recent Trends in Information Technology (ICRTIT-11)	June 03-05 2011, pp. 77	IEEE	
5	Genetic Algorithm for Classification in Data Mining	International Conference on Advanced Computing, Communication and Networks'11	2-3 June, Chandigarh, pp. 197-201	Universal Association of Computer & Electronics Engineers	
6	Genetic Algorithm for Classification of Web Documents	International Conference on Advanced Computing, Communication and Networks'11	2-3 June 2011, Chandigarh, pp. 1298-1301	Universal Association of Computer & Electronics Engineers	
7	Genetic Algorithm for Instance Selection in Data Mining	International Conference on Emerging Trends in Engineering (ICETE-11)	May 4 th & 5 th 2011, Nitte-Karnataka, pp. 38-41	NMAM Institute of Technology	
8	Construction of Classifier with Feature Selection Based on Genetic Programming	IEEE Congress on Evolutionary Computation	July 18-23 2010, Barcelona, Spain, pp.1-5	IEEE	
9	Multiclass Classifier	Recent Trends in Soft Computing &	Jan 09-10, 2010,	RGPV, Bhopal	

	with Feature Selection using Genetic Programming	Information Technology, RTSCIT-09	Bhopal, pp. 335-339		
10	Improved Genetic Programming Based Multiclass Classifier Using a New Crossover Operator	4 th Indian International Conference on Artificial Intelligence	16-18 Decem ber 2009, Tumkur, pp. 924- 932	Siddaganga Institute of Technology (SIT), Tumkur, India	
11	A multiclass classifier using Genetic Programming	10th International Conference on Control, Automation, Robotics and Vision	17-20 Dec. 2008, Singapore, pp.1884- 1887	NTU Singapore	
(ii)National Conference					
S.No.	Title	Name of Conference	Place/Date	Organizing Society/ Institute	Remarks, if any
1	A Survey on Feature Selection Using Rough Set Theory	National Conference on Advances in Computer Science and Technology (ACST-2015)	Indore, October 2015	SVCE, Indore	
2	Introduction to Particle	National Conference on Advances in Computer Science	Indore, October 2015	SVCE, Indore	

	Swarm Optimization	and Technology (ACST-2015)			
3	Genetic Algorithm : A Guided Random Search and Optimization Algorithm	National Conference on Emerging Trends in Information Technology (NCETIT-2011)	February 24 th -25 th 2011, IPS Indore, pp.4	IPS Indore	
4	Genetic Algorithm : The Algorithm and its Applications	NSC-2011 by CSI on IT- Contemporary & Future Technologies for Social Change	11 th -12 th March 2011, ITM Gwalior	CSI	
5	Genetic Algorithm for Classification in Data Mining	National Conference on Emerging Trends in Computing and Communication (ETCC) 2010	MITM Indore, pp.84-87	MITM Indore	
6	Solving Map Color Problem Using Genetic Algorithm	National Conference on Advances in Computer Applications (NCACA-09)	7 th & 8 th May 2009	ITM Gwalior	
7	Construction of a Two Class Classifier Using Genetic Programming	National Conference on Emerging Trends in Information Technology	18 th -20 th Dec.2007 , pp.204-207	SGSITS Indore	

5. Conference/Seminar/Winter Summer Schools/Training Organized

S.No.	Title of Course	Organizing Institute	Duration Period of Course	Capacity in which involved
1.	Workshop on "Fundamentals of a True IT Professional"	SGSITS	One day	Coordinator
2.	Workshop on "Unfolding the Secrets of Campus Recruitment"	SGSITS	One day	Coordinator
3.	Seminar on IT Security and Ethical Hacking	SGSITS	One day	Coordinator
4.	Expert Lecture by Dr. Kanak Saxena for MCA Students	SGSITS	One Day	Coordinator
5.	Expert Lecture by Dr. Nirmal Dagdee for MCA and Computer Engg. Students	SGSITS	One Day	Coordinator
6.	Workshop on Python	SGSITS	Two Days	Coordinator
7.	Industrial Visit in Software Company	YPSilon IT Company	One Day	Organizer
8.	Training Program on Recent Research and Innovation in IT	TCS	One Day	Coordinator
9.	C-Programming workshop	SGSITS	One Day	Coordinator
10.	Computer Networking workshop	SGSITS	One Day	Coordinator
11.	National conference on "Emerging Trends in Information Technology"	SGSITS	18 th -20 th Dec. 2007	Member, Organizing Committee

12.	Webinar on Outcome Based Education	SGSITS (Online)	27 June 2020	Coordinator
13.	Workshop on Outcome Based Education and Accreditation	SGSITS	3-4 May	Coordinator

6. Invited Lectures/Expert Talks/Chairmanships at Conferences				
S.No.	Title of Lecture/Academic Session	Title of the Conference/Seminar etc.	Organized by	Whether international/national
1.	Delivered expert talk on “Genetic Algorithm”, during two days workshop on 4-5 February 2011.	Soft Computing	Sushila Devi Bansal College of Technology, Indore	National
2.	Delivered expert talk on “Genetic Algorithm for Search and Optimization”, at one day seminar on 31st March, 2012.	Soft Computing	Chameli Devi School of Engineering, Indore	National
3.	Delivered expert Talk on Genetic Programming on 30 th June	In-House FDP	Electronics & Telecommunication Deptt.	College Level
4.	Session Chair at International Congress on Innovations in Science, Technology & Management on 7 th Feb.-2018	Sanmantrana-2018	Vaishnav Vidyapeeth	International
5.	Delivered Expert talk	FDP on Machine	Chameli Devi	RGPV &

	on “Rough Set in Machine Learning” on 25 th October-2018	Intelligence and Applications	School of Engineering, Indore	TEQIP-III FDP
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