KPR College of Arts Science and Research

(Affiliated to Bharathiar University, Coimbatore)
Avinashi Road, Arasur, Coimbatore – 641 407

Faculty Profile

Name & Designation	: Dr R.Nithya , Assistant Professor
Department	: School of Computing Science
Date of Joining	: 04.04.2022
Experience @ KPR CAS	: 6 months
Total Experience	: 5 years 6 months
Educational Qualifications	: B.Sc(IT);M.Sc(IT);M.Phil;Ph.D
Address	: 31,NanjappaChettiar Street, Ondipudur , Coimbatore , TamilNadu , India -641016.
Date of Birth	: 10.07.1991
Blood Group	: B+ve

S.No.	Qualifications	Year of Passing	Class	Specialization
1	Ph.D	2021	First Class	Computer Science-Software Testing
2	M.Phil	2014	First Class	Computer Science-Software Testing
3	M.Sc (Information Technology)	2013	First Class with Distinction	Information Technology
4	B.Sc (Information Technology)	2011	First Class With Distinction	Information Technology
5	H.Sc	2008	First Class	Computer Science with Maths
6	SSLC	2006	First Class	Maths ,Science

Course Expertise:

S.No	Name of the Course
1	Software Engineering
2	Software Testing
3	Data Structure
4	Networking

Programmes Attended:

1. Conference (National/International)

S. No	Title of the programme	Presented paper title	Organized by	Event Date	Remarks
1	International Conference on Edge Computing & applications	Federated learning approach for tracking malicious activities in cyber-physical systems	Gnanamani College Of Technology,Namakkal, Tamil Nadu, India.	13-15th October 2022	
2	8th International Conference on "Recent Trends & Advances in the Field of Information Technology"	Block Chain Technology with Cryptocurrency	Karpagam Academy of Higher Education, Coimbatore	Dec-2021	
3	Emerging Technologies-Robotics & iot	AComparative analysis of test case prioritization using hybrid Optimization algorithm, cuckoo search optimization and particle swarm Optimization techniques	Karpagam Academy of Higher Education, Coimbatore	Feb-2020	
4	7th International Conference on "Recent Trends & Advances in the Field of Information Technology"	An Array Based Gpgpu Extension For Ruby	Karpagam Academy of Higher Education, Coimbatore	Sep-2019	
5	6th International Conference on "Recent Trends & Advances in the Field of Information Technology"	test case prioritization using genetic algorithm and regression testing	KARPAGAM ACADEMY OF HIGHER EDUCATION ,COIMBATORE	28TH SEPTEMBER 2018	
6	International Conferences on "Advances in Computer Science"	a study on security issues in amazon web services	KG College of Arts & Science	Feb-2018	
7	Research Issues in Soft computing-NCRISC14	Extracting The Appropriate	Rathinam College of	20th septe	

		Prioritization Based on the Strategic Goals for the Requirements"	Arts science,Coimbatore.	mber 2014	
8	Innovations in Information Technology NCIIT14	Automated Regression Testing	AJK college of arts & science, Coimbatore.	6th februa ry201 4	

Seminar (National/International)

S.No	Title of the programme	Organized by	Event Date	Remarks
1	Intellectual Property Rights and Smart Ways for Writing a Successful Research Grant Proposal	Karpagam College of Engineering	9th & 10th December 2021	
2	Seminar on " Cyber Awarness Programme"	Karpagam Collegeof Engineering	October 2018	
3	Workshop on " Research Methodology & Data Analysis using SPSS"	Karpagam Academy of Higher Education	June 2018	

Workshop   (National/International)

S.No	Title of the programme	Organized by	Event Date	Remarks
1	Managing Emotions For Maximum Results in A Classroom	Karpagam College of Engineering	June 2020	

Faculty Development Programme

S.No	Title of the programme	Organized by	Date (from date – to date)	Remarks
1	National Level Faculty Development Program on AMAZON WEB SERVICES.	Sri Krishna College Of Engineering And Technology, Coimbatore	22nd August 2022 to 27th August 2022	
2	National level 1 Week Faculty Development Programme "New Education Policy 2020"	RKDF,Bhopal University	17-22 Feb-2022	
3	National Faculty Development Programme	Open Source Tools for Cyber Security,Karpagam College of Engineering		

4	Faculty Development Programme On "Advanced Technologies in IT"	Karpagam Academy of Higher Education, Coimbatore	26th-30th october 2021	
5	Five day Virtual International Faculty Development Program on " Research Article Writing and Publishing"	Sri Jayendra Saraswathi Maha vidhyalaya college of arts & science ,Coimbatore	October 2021	
6	Faculty Development Program on "blockchain Technology & Applications"	NIET, Greater Noida	4th-10th January 2021	

Programmes conducted:

S.No	Particulars	Title of the programme	Date of the programme organized	No of Participants attended
1		Workshop on " Accounting Software : ERP9 "	1st & 2nd November 2021	75

Publications

S.No	Title of the paper published	Journal Name	ISSN/Volume/Issue/pg. no	Date of the publication	UGC/Scopus/peer reviewed
1	A Comparison on GLCM and Gabor Filter for Fabric Defect Detection	Indian Journal of Natural Sciences	0976 – 0997/Vol.13 / Issue 73 / August / 2022/44951-44956	17.08.2022	UGC & Scopus
2	A Novel Fuzzy Bat Convention for Rating and Scheduling of Test Proceedings Improvement	journal of university of Shanghai for Science and Technology	23 (10), 2021/995-1003	2022	Scopus
3	Master Print: Fingerprint-Spoof Authentication Systems	International Journal of All Research Education & Scientific Methods …		2021	Peer Reviewed, UGC Care, Google Scholar
4	An Effective Search Update on Intelligence Swarm Approach for Test suit scheduling	Journal of Huazhong University of Science	50 (3)	2021	Scopus

		and Technology			
5	A Proportional Study of Test Case Prioritization Using Hybrid Optimization Algorithm, Cuckoo Search and Particle Swarm Optimization Techniques	International Journal of Grid and Distributed Computing	13 (1), 1462-1474	2020	Web of Science
6	Sharing Secret With Multi Party Using Efficient Verifiable Threshold Algorithm	karpagam Journal of computer science	14 (Issue 1), 11 - 15	2019	Peer Reviewed
7	A Study on Relation Based Testimonial Process on test Suite Classification using Genetic Algorithm	Journal of Advanced Research in Dynamical and Control Systems		2019	Scopus
8	Evaluation On Fundamental Software Taxing Technique	Karpagam Journal of computer science	12 (5)	2018	Peer Reviewed
9	Emerging Technologies in Software Engineering	Karpagam Journal of computer science	11 (3)	2018	Peer Reviewed
10	Investigation Of Software Consistency With Taxing Moment And Tough Exposure	Karpagam Journal of computer science	11 (1)	2017	Peer Reviewed

Book / Book Chapter Publication

S.No	Title of the Book/ Book Chapter	Publisher Name	ISBN Number
1	**ARTIFICIAL INTELLIGENCE** -Anna University Syllabus 2017 Regulation Onwards	Notion Publisher	9798886672749

Proposals Sent

S.No	Title of the proposal sent	Funding Agency Name	Budgeted Amount	Sanctioned Amount	Date of the programme
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Patents/Funds received

S.No	Title of the patent published	Published Date
1	IOT BASED SMART HOME SECURITY SYSTEM	12/2021

Acting as resource person:

S.No	Title of the programme	Name of the College	Date	Remarks
	-			

Achievement (Any)
Award/Recognition   :

S.No	Award	Agency Name	Date	Remarks

Signature of the Faculty