Dr. Amol Krishnat Kadam
Associate Professor
Department of Computer Engineering
Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune
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PRESENT POSITION

Associate Professor in Computer Engineering Department of Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune

PROFESSIONAL EXPERIENCE- 17 Years

Assistant Professor (Oct 2007 to Sept 2021) and As Associate Professor (Sept 2021 to Till date) in Computer Engineering Department of Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune

EDUCATIONAL QUALIFICATION

Sr. No.	Degree	University	Year
1	Ph.D.	Bharati Vidyapeeth (Deemed to be University)	2018-19
2	M.Tech Computer	Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune	2011-12
3	B.Tech Computer	Bharati Vidyapeeth College of Engineering, Kolhapur	2006-07
4	HSC	Maharashtra State Board	2002-03
5	SSC	Maharashtra State Board	2000-01

RESEARCH GRANTS

Sr. No.	Title of Project	Sponsored Agency	Amount	Year
1	Integrated Rogue Access Point in Wireless Network	AICTE (Minor)	4.50 Lacks	2010-2012
2	Design Software Testing Laboratory using functional point analysis and Test point analysis	Bharati Vidyapeeth University	40,000	2015-2016
3	Design Software Testing Laboratory using SRGM concurrence with SDLC	UGC (Major)	12 Lacks	2015-2018
4	Development of Automated System for Leukemia Identification Using Microscopic Images	DST- SERB	20 Lacks In process	-

PATENT

Sr. No.	Title of Invention	Level	Status	Reference Number

1	Robotic Device for Shortest Path Identification	National	Granted	353914-001
2	Novel Perceptive approach for Automation on Ideal Self Regulating Video Surveillance Model	National	Filed	TEMP/E-1/25039/2023-MUM
3	Analysis and Design of SRGM concurrence with SDLC	National	Filed	201621022882

FIELDS OF RESEARCH INTEREST- Machine Learning, Software Engineering

PH.D. STUDENTS GUIDING-6

Sr. No.	Title of Research	Status
1	Hybrid Sampling and Ensemble Machine Learning Approach for Class Imbalance Problem in Software Defect Prediction	Ongoing
2	Novel perceptive approach for Automation on ideal self-regulating video surveillance model	Ongoing
3	Accepted will published in International Journal of Information Technology	Ongoing

RESEARCH PUBLICATIONS

Sr. No.	Title of Research Paper	Name of the Journal/ Conference	Vol. No./ Issue No.	Indexing	Year
1.	An innovative approach for predicting software defects by handling class imbalance problem	International Journal on Recent and Innovation Trends in Computing and Communication	Accepted	Scopus	Aug 23
2.	A Survey on Spinal Cord Injury Detection Using Improved U Net Segmentation With Hybrid Classification	European Chemical Bulletin	Volume 12, Issue 10	Scopus	Aug 23
3.	Novel Perceptive approach for automation on ideal self regulating video surveillance model	International conference on futuristic trends in information technology	Accepted will published in International Journal of Information Technology	Scopus	Apr-23
4.	Quantitative Assessment of Advanced Perceptive Approaches for Automation in an Optimal Self-Regulating Video Surveillance Model	International conference on futuristic trends in information technology	Accepted will published in International Journal of Information Technology	Scopus	Apr-23
5.	Automate Ideal Self-Regulating Video Surveillance Model Under Investigation Using A Novel Perceptual Approach	International conference on futuristic trends in information technology	Accepted will published in International Journal of Information Technology	Scopus	Apr-23
6.	"Intelligent Agricultural System Based on IoT and Machine Learning"	SSRN	Preprint	Scopus	Apr-23
7.	A Systematic Ensemble Approach for Concept Drift Detector Selection in Data Stream Classifiers	International Journal of Engineering Trends and Technology	Volume 70 Issue 9	Scopus	Oct-22

8.	A Neighborhood Search Strategy-Based Hybrid Swarm Algorithm for Software Reliability Assessment	Neuroquantology	Volume 20, Issue 10	Scopus	Aug-22
9.	An Empirical Approach for under water Image Quality Enhancement and object detection using Deep Learning	Neuroquantology	Volume 20, Issue 8	Scopus	Jul-22
10.	Credibility Analysis of User-Designed Content Using Machine Learning Techniques	Appl. Syst. Innov. 2022	Volume 5, Issue 43	Scopus	Apr 2022
11.	An Approach for Prediction of Obstructive Sleep Apnea	Design Engineering	Volume 2021, Issue 06	Scopus	Sept 2021
12.	A Novel Approach for Women Security with Information Fusion for Multi-Sensory Data	Turkish Online Journal of Qualitative Inquiry	Volume 12 No. 8	Scopus	August 2021
13.	Software Defect Prediction: A Survey with Machine Learning Approach	International Journal of Advanced Science and Technology	Volume-29 Issue-05	**Scopus**	April 2020
14.	A Novel Approach for Women Security with Information Fusion for Multi-Sensory Data	International Journal Of Research In Electronics And Computer Engineering	Volume-08 Issue-01	**UGC Approved**	Jan 2020
15.	Unsupervised Extraction of Common Product Attributes From E-Commerce Websites by Considering Client Suggestion	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Volume-8 Issue-11	**1.Scopus**	Sept 2019
16.	An experimental on top-k high utility itemset mining by efficient algorithm Tkowithtku	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075, Volume-8 Issue-8S3,	**1.Scopus**	June 2019
17.	Novel Approach for Efficient Choice of Test Case Prioritization Technique	Jour of Adv. Research in Dynamical & Control Systems	05-Special Issue	**1.Scopus**	June 2019
18.	Test case ranking with rate of fault finding	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075, Volume-8 Issue-8S3	**Scopus**	2019
19.	An experimental technique for efficient selection of test case prioritization methods	International Journal of Innovative Technology and Exploring Engineering	ISSN: 2278-3075, Volume-8 Issue-8S3	**Scopus**	2019
20.	Efficient Algorithm TKO with TKU for Mining Top- K Item Set	Journal of Advanced Research in Dynamical & Control	05-Special Issue	**1. Scopus**	June 2019

		Systems			
21.	Innovation of E-commerce Fresh Agricultural Products Marketing Based on Big Internet Data Platform	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 6, Issue 1	UGC [Listed with Journal]	Jan 2019
22.	A Survey Novel Approach for Efficient Selection of Test Case Prioritization Techniques	Research Review International Journal of Multidisciplinary	Volume-03 ISSN: 2455-3085 (Online) Issue-*12*	UGC [Listed with Journal No. 44945] Publons (by WoS) ZENODO Index Copernicus	Dec 2018
23.	A Survey on Test Case Prioritization with Rate of Fault Detection	International Journal of Research in Electronics and Computer Engineering	Vol. 6 Issue 4	UGC Listed Journal Index Copernicus	Dec 2018
24.	Hybrid Approach of Code Analysis and Efforts Calculation for Software Reliability Growth Measurement and Cost Estimation	IIOAB Journal, Journal of Multidisciplinary Science and Technology	Vol. 9 | 2 | 116-120,	**1. Web of Science** 2. Emerging Sources Citation Index [Thomson Reuters]	July 2018
25.	Software Reliability and Cost Estimation Model	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 5, Issue 6.	1.Thomson Reuters UGC Approved	June 2018
26.	Increases the Reliability of Software using Enhanced Non Homogenous Poisson Process (EHPP), Functional Point and Test Point Analysis	International Journal of u- and e- Service, Science and Technology	Vol.10, No.9 (2017), pp.35-48	**1.Scopus** 2.EBSCO 3.ProQuest 4.ULRICH	Sept 2017
27.	Software Superiority Achievement through Functional Point and Test Point Analysis	International Journal of Software Engineering and Its Applications	Vol. 10, No. 11	**1.Sco pus** 2.Cab ell 3.J-Gate	Dec 2016
28.	Diagnosis of software using testing time and testing coverage	International Journal of Hybrid Information Technology	Volume 9	**1.Scop us** 2.Cabel l 3.J-Gate 4.EBS CO	Oct 2016

29.	Optimal Release Planning and Software Reliability Modeling for Multi-Release Software	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS)	Volume 5, Issue 3,	1.Thomson Reuters 2.Elsevier Scopus(undue the process) 3.Google Scholar	May-June 2016
30.	Using Functional Point Analysis and Test Point Analysis Reducing Maintenance Cost of Software	International Journal of Science & Research (IJSR), ISSN: 2319-7064	Vol. 4 Issue 2	1.Google scholar indexed, 2.Index Copernicus, 3.Cross ref.	Feb 2015
31.	Analysis of Software Reliability using Testing Time and Testing Coverage	International Journal of Advance Research in Computer Science and Management Studies	Volume 3, Issue 5,	1.DRJI, 2.Google Scholar, 3.INNO SPACE, 4.Index Copernicus, 5.Research Bible	May 2015
32.	Software Reliability and Quality Analyser with Quality Metric Analysis Along With Software Reliability Growth Model	International Journal of Computer Science and Information Technologies, , , 3803-3806	Vol. 5 (3)	1.Index Copernicus, 2. Google Scholar	2014
33.	Software reliability improvement with quality metric and defect tracking	International Journal of Application or Innovation in Engineering & Management (IJAIEM) ISSN 2319 - 4847	Volume 3, Issue 1	1.Thomson Reuters 2. Google Scholar	Jan 2014
34.	Developing software analyzers tool using software reliability growth model.	International Journal of Computer Engineering and Technology (IJCET), ISSN 0976 – 6367(Print) , ISSN 0976 6375	Volume 4, Issue 2	1.Thomson Reuters' Indexed Journals, 2.Google scholar indexed	2013
35.	SRGM Analyzers Tool of SDLC to Ensure Software reliability and quality.	International Journal ISSN 0976 – (Online), COSMIC JOURNALS, pp 438-441	Volume 4, Issue 2	Google scholar indexed	2013

36.	Analysis and Design of Software Reliability growth Model Using Bug Cycle and Duplicate Detection	International Journal of Emerging Trends & Technology in Computer Science (IJETTCS) ISSN 2278-6856	Volume 2, Issue 5	1.Thomson Reuters 2.Elsevier Scopus(undue the process) 3.Google Scholar	Sept - Oct 2013
37.	Increment Software Reliability Using Bug Cycle And Duplicate Detection	International Journal of Engineering Research & Technology (IJERT) , ISSN: 2278-0181	Vol. 2 Issue 5	1.Google scholar indexed, 2.Research gate 3. Gate CITED. 4.Scirus	May - 2013
38.	Detecting and Eliminating Rogue Access Point in IEEE 802.11 WLAN	International Journal of Smart Sensors and Ad Hoc Networks (IJSSAN)	Vol. 1 Issue 1	1.Google scholar indexed	2011
39.	Rogue Access Point Detecting & Eliminating in IEEE 802.11 WLAN	International Journal of Smart Sensors and AdHoc Networks (IJSSAN)	Vol. 2 issue 3	1.Google scholar indexed	2011

International Conference

1.	Improvement Quality of Software using function point and test point analysis.	17th International Conference on Academic Research in Engineering, Science and Technology, Pune	4th April 2017
2.	Software Reliability Growth Model using Testing Coverage, Function Point and Test Point Analysis	International Conference on Advanced Recent Trends in Computing & Information Technology, Pune	15 & 16 March 2018

Personal Details

Name : Dr. Amol Krishnat Kadam

Sex : Male

Date of Birth : 24.12.1985

Marriage Status : Married.

Permanent Address : A/P: Sonsal, Tal: Kadegaon, Dist : Sangali.

Declaration

I hereby declared that the above particulars about me are true to the best of my knowledge and belief.

Place: Pune

Date: **Signature**