

Dr. Anita Sardana

Assistant Professor, JUIT, Solan, HP, India



Career Objective

To be a successful academician and cherish the educational, technical and professional knowledge gained from the learning to the best of my spirits. To utilize teaching, mentoring and administrative skills to foster a challenging career in growth oriented and leading edge for my students and benefit of the organization and society.

Personal Information

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- <https://in.linkedin.com/in/dr-anita-sardana-ba0a09139>

Professional

Scopus ID
57751468700
Orcid ID
0000-0003-2891-2311
Google Scholar ID
7YIgv0gAAAAJ

Employment History

Associate Prof., Chandigarh University Gharuan, Punjab	Nov 22, 2022-July 21, 2023
Assistant Prof., Chitkara University Rajpura, Punjab	June 2021-Nov 21, 2022
Assistant Manager- Evalueserve Gurgaon, Haryana	Feb 2014 - Sept 2020
WOS-C- TIFAC, Department of Science & Tech. Delhi	Jan 2013 - Jan 2014
Lecturer/Assistant Professor- Apeejay Group Gurgaon, Haryana	Jan 2006 - Jan 2013
Development Trainee- Trisoft Systems Delhi (Sept 2005-Jan 2006)	
Information Specialist- Wizie.com Gurgaon, Haryana (Dec 2004-July 2005)	

Education

Ph.D. (Computer Science & Engineering), YMCAUST, Faridabad, Haryana	Sept 2016
Title of the Thesis "Design of software testing techniques in Agile Environment"	

Subjects

Computer Networks
Python-Machine
Learning
Software Testing
Agile
DBMS

Achievements

- Got 1st rank in M.Tech(CE)
- Got Best paper award in TEAMC 2018 - International Conference on adaptive computing - on March 26-28, 2018 at NSIT, Delhi
- Got Scholarship at state level in academics
- Got 13th rank in Maharishi Dayanand University, Rohtak, Haryana, in 7th semester.
- Got Award of excellence for organizing National Conference on Emerging Trends and Advanced Computing in 2010 in Apeejay College of Engineering.
- Got 1st prize in Basket Ball tournament at zonal level in XII.
- Cleared WIPO DL-101 (General Course on Intellectual Property) conducted by WIPO
- Life Time Membership of CSI since April 2012

Hobbies & Interests

Social Networking
Movies & Music

Education

B.E (Computer Science & Engineering) CITM With 76%,
Faridabad, Haryana

2000 - 2004

2007 - 2009

M.Tech (Computer Engineering), YMCAIE with 9.827 CGPA
Faridabad, Haryana

1999

12th, CBSE With 80 %
Gurgaon, Haryana

Roles & Responsibilities in CHITKARA UNIVERSITY

Teaching

Research-

6 Applications for Design Patent Filed

Bits and Bytes Club Unit Head

SAP Unit Head

Expert talks delivered in Chitkara University, Amity University and Universal Law School.

Publications(Journals/ Book Chapters)

1. Rashmi Popli, Anita, Naresh Chauhan ,“A Mapping Model for transforming Traditional Software Development Methods to Agile Methodology”, International Journal of Software Engineering and Applications (IJSEA) Vol 4, No. 4, July 2013,pp. 53-64.<http://airccse.org/journal/ijsea/papers/4413ijsea05.pdf>
2. Anita, Naresh Chauhan, “State of the art search-Agile Software development in global market”, International Journal of Advances in Science, Engineering and Technology (IJASEAT), Institute of Research & Journals, **Volume-2, Issue-2, April 2014.**http://www.iraj.in/journal/IJASEAT/volume.php?volume_id=46
3. Anita, Naresh Chauhan, “An Object Oriented Design Approach For Modification of Rotten Code Using Regression Testing & Refactoring”, “International Journal of Information & Computation Technology. ISSN 0974-2239 Volume 4, Number 7 (2014), pp. 681-686 © International Research Publications House <http://www.irphouse.com>
4. Anita, Naresh Chauhan, “**A Risk Based Story Prioritization Technique In An Agile Environment**”, International Journal of Advance Foundation and Research in Computer (IJAFRC), Volume 1, Issue 7, July – 2014, pp. 16-25.<http://www.ijafrc.org/issue7.html>
5. Anita, Naresh Chauhan, “**A Pattern Based Approach To Prioritize Test Cases For User Stories In An Agile Environment**”, International Journal of Advance Foundation and Research in Computer (IJAFRC), Volume 1, Issue 5, July – 2014, pp. 185-194.<http://www.ijafrc.org/issue5.html>
6. Anita, Chauhan N. (2018) An Extended Test Case Prioritization Technique Using Script and Linguistic Parameters in a Distributed Agile Environment. In: Chakraverty S., Goel A., Misra S. (eds) Towards Extensible and Adaptable Methods in Computing. Springer, Singapore. https://doi.org/10.1007/978-981-13-2348-5_2
7. Sardana, A., & Sharma, V. K. (2023). Agile Framework Adaptation Issues in Various Sectors. Agile Software Development: Trends, Challenges and Applications, 23-38.

Publications(Conferences)

8. Anita and N. Chauhan, "Agile learning model: Self centric learning," 2014 IEEE International Conference on MOOC, Innovation and Technology in Education (MITE), Patiala, 2014, pp. 377-381, doi: 10.1109/MITE.2014.7020307 <https://ieeexplore.ieee.org/document/7020307/references#references>
9. Rashmi Popli, Anita, Naresh Chauhan, “Mapping of Traditional Software Development Methods to Agile Methodology” The Third International Conference on Computer Science and Information Technology (CCSIT-2013), February 18-20 , 2013, Bangalore, India.<http://airccj.org/CSCP/vol3/csit3612.pdf>
10. Anita, Naresh Chauhan, “Testing in an Agile Environment: A Project”, International Conference on Next Generation Communication and Computing Systems (ICNGC2S-10), December 25-26, 2010, Chandigarh, India. ISBN: 978-93-81068-00-7
11. Anita, Naresh Chauhan, “A Simplest Agile Life Cycle in an Agile Environment”, CSI Sponsored 7th International Conference on Software Engineering CONSEG -2013 (15th-17th Nov 2013), Humanizing Software Engineering, Pune, India.<http://www.conseg.in/pune2013/proceedings.html>
12. Anita, Naresh Chauhan, “A Framework for Quality Improvement in Distributed Agile Environment”, IEEE International Conference On Research And Development Prospects On Engineering And Technology, March 2013, E. G. S. Pillay Engineering College, Tamilnadu, India. ISBN: 978-1-4673-4948-9

13. Anita, Naresh Chauhan, "A Linguistic approach for TCP in an Agile Environment", 13th Annual International Software Testing Conference (4th-5th Dec 2013), Crossing The Chasm: From Assurance To Confirmation, Bangalore, India.
14. Arora and N. Chauhan, "A regression test selection technique by optimizing user stories in an Agile environment," 2014 IEEE International Advance Computing Conference (IACC), Gurgaon, 2014, pp. 1454-1458, doi: 10.1109/IAdCC.2014.6779540. <https://ieeexplore.ieee.org/document/6779540>
15. V. Dhingra and A. Arora, "Pervasive Computing: Paradigm for New Era Computing," 2008 First International Conference on Emerging Trends in Engineering and Technology, 2008, pp. 349-354, doi: 10.1109/ICETET.2008.170.
16. B. K. Sahoo, A. Sardana, V. Solanki, S. Gupta and K. Saluja, "Novel Approach of Diagnosing Significant Metrics of Load Balancing using CloudSim," 2022 10th International Conference on Emerging Trends in Engineering and Technology - Signal and Information Processing (ICETET-SIP-22), 2022, pp. 1-6, doi: 10.1109/ICETET-SIP-2254415.2022.9791688.
17. V. Kiran, A. Sardana and P. Kaur, "Defending Against Ddos Attacks in Rpl Using Subjective Logic Based Trust Approach For IOT," 2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), 2022, pp. 1656-1660, doi: 10.1109/ICACITE53722.2022.9823719.
18. V. Kiran, A. Sardana and P. Kaur, "Performance Analysis of Various Routing Algorithms on Different Wimax Networks," 2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), 2022, pp. 1661-1664, doi: 10.1109/ICACITE53722.2022.9823749.
19. A. Sardana, A. Moral, V. Kiran and S. Gupta, "An Innovative Technique for Management of Personal Data using Intelligence" 2023 International Conference on Artificial Intelligence, Blockchain, Computing and Security (ICABCS-2023) dated on 24- 25 Feb 2023

Workshops, Seminars, Quiz (National/International)

1. Completed Self Paced Online Course on AI Education for Teachers by Coursera in the month of June 2021
2. Online Workshop titled Cloud/Fog Computing under CUARS from June 14-July 2, 2021
3. Completed Virtusa Program on Examyly Platform from July 12, 2021 to July 31, 2021
4. Online FDP on Shaping Future with Disruptive Technologies In IT held on 16-20 August, 2021.
5. E-Quiz on the Life Teachings of Mahatma Gandhi on October 2, 2021
6. Attended Expert Talk on "Healthify your heart" on October 12, 2021
7. Attended Expert talk on AI and Education under Edureform Inaugural Event on October 29, 2021

Patents Details:

Title: "OBJECT PICKER DESIGN"
Date of Filing: 8th Dec 2021
Application Number:354543-001
Status: Granted

Title: "PUSH UP SOAP DISH"
Date of Filing: 11th Dec ,2021
Application Number:354759-001
Status: Granted

Title: "CLUB FOOT'S DIGITAL BRACE"
Date of Filing: 6th Sept 2022
Application No:370449-001
Status: Filed

Title: "An Eating Plate Design for Patients"
Date of Filing: 25th Sept 2022
Application No:373051-001
Status: Filed

Title: "Wet Dry Slipper"
Date of Filing: 18th Nov 2022
Application No:374354-001
Status: Filed

Title: "Baggage collection"
Application No: 202211064939
Status: Filed

Facilitator Sessions:

1. Basics of IPR and Patent Granting Procedure Amity University, UP
2. Basic Concepts of Intellectual Property Rights, Universal Law College, Punjab
3. Guidelines from Research to Patent Chandigarh University, Punjab
4. Patentability Search guidelines and Timelines to apply for a patent application in Patent Office Chandigarh University, Punjab
5. Agile introduction for newbie, Apeejay College of Engg, Gurgaon
6. IPR session, Chitkara University, Punjab
7. Training on Searching and Prosecution, Evalueserve

DATE:

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