

Dr. Anita Sardana

Assistant Professor, Jaypee University of Information Technology, Solan, Himachal Pradesh, India



Career Objective

To be a successful academican 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

- +91-9818079405
- anita@juitsolan.in
- <https://in.linkedin.com/in/dr-anita-sardana-ba0a09139>

Professional

Scopus ID
58921831100
Orcid ID
<https://orcid.org/0000-0003-2891-2311>
View this author's ORCID profile
Google Scholar ID
<https://scholar.google.com/citations?user=h4TDIfsAAAAJ&hl=en&authuser=3>

Subjects

Computer Graphics
Machine Learning
Deep Learning
Software Testing
Agile Methodology
DBMS

Employment History

- Associate Prof., Chandigarh University**
Gharuan, Punjab
Nov 22, 2022-July 21, 2023
- Assistant Prof., Chitkara University**
Rajpura, Punjab
June 1, 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"

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


PUBLICATIONS in JOURNALS, Publishing House, and Conferences

Conference Paper

Cause and Effect of Dementia on Women in Technological Environment

Sardana, A., Monga, C.

Lecture Notes in Networks and Systems, 2024, 1046 LNNS, pp. 10–19


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Book

Simulation Techniques of Digital Twin in Real-Time Applications: Design Modeling and Implementation

Anand, A., Sardana, A., Kumar, A., Mohapatra, S.K., Gupta, S.

Simulation Techniques of Digital Twin in Real-Time Applications: Design Modeling and Implementation, 2024, pp. 1–349


Show abstract 

Book Chapter

Prediction of diabetes using voting classification algorithms

Gupta, S., Sharma, N., Kaur, G., Sardana, A.

Medical Imaging Informatics: Machine learning, deep learning and big data analytics, 2024, pp. 89–114


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Conference Paper

An innovative technique for management of personal data using intelligence

Sardana, A., Moral, A., Gupta, S., Kiran, V.

Artificial Intelligence, Blockchain, Computing and Security - Proceedings of the International Conference on Artificial Intelligence, Blockchain, Computing and Security, ICABCS 2023, 2024, 1, pp. 857–862


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Book Chapter

An innovative technique for management of personal data using intelligence

Sardana, A., Moral, A., Gupta, S., Kiran, V.

Artificial Intelligence, Blockchain, Computing and Security: Volume 1, 2023, 1, pp. 857–862


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Book Chapter • Open access

Agile Framework Adaptation Issues in Various Sectors

Sardana, A., Sharma, V.K.

Agile Software Development: Trends, Challenges and Applications, 2023, pp. 23–38


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Conference Paper

Performance Analysis of Various Routing Algorithms on Different Wimax Networks

Kiran, V., Sardana, A., Kaur, P.

2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022, 2022, pp. 1661–1664


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Conference Paper

Defending Against Ddos Attacks in Rpl Using Subjective Logic Based Trust Approach For IOT

Kiran, V., Sardana, A., Kaur, P.

2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022, 2022, pp. 1656–1660

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Conference Paper

Novel Approach of Diagnosing Significant Metrics of Load Balancing using CloudSim

Sahoo, B.K., Sardana, A., Solanki, V., Gupta, S., Saluja, K.

International Conference on Emerging Trends in Engineering and Technology, ICETET, 2022, 2022-April

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Conference Paper

Agile learning model: Self centric learning





Anita, Chauhan, N.

Proceedings of the 2014 IEEE International Conference on MOOCs, Innovation and Technology in Education, IEEE MITE 2014, 2014, pp. 377–381, 7020307

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Design Patents/Utility Patents Details:

<input type="checkbox"/>	IN ID 419954-001 Smart Spectacles Cleaner Case 2024-06-13 <i>Anita Sardana</i>	
<input type="checkbox"/>	IN ID 354543-001 OBJECT PICKER 2021-12-08 <i>ANITA SARDANA</i>	
<input type="checkbox"/>	IN ID 354759-001 PUSH UP SOAP DISH 2021-12-11 <i>ANITA SARDANA</i>	
<input type="checkbox"/>	IN ID 429685-001 Smart Pour Tea Pan 2024-09-07 <i>Anita Sardana</i>	
<input type="checkbox"/>	IN ID 414687-001 White Board 2024-04-24 <i>Anita Sardana</i>	
<input type="checkbox"/>	IN ID 429406-001 Personal Belongings Monitoring Device 2024-09-05 <i>Anita Sardana</i>	

<input type="checkbox"/>	IN ID 423310-001 AI-Powered Smart Nail Clipper 2024-07-16 <i>Anita Sardana</i>	
<input type="checkbox"/>	IN ID 419953-001 Clothes Dryer Machine 2024-06-13 <i>Anita Sardana</i>	
<input type="checkbox"/>	IN ID 374354-001 SLIPPER PAIR 2022-11-18 <i>ANITA SARDANA</i>	
<input type="checkbox"/>	IN ID 373051-001 EATING PLATE FOR PATIENTS 2022-10-25 <i>ANITA SARDANA</i>	

IN ID
370449-001

CLUB FEET DIGITAL BRACE
2022-09-06
ANITA SARDANA



IN ID
406968-001

RAILWAY COACH GARBAGE COLLECTOR
2024-02-08
Dr. Anita Sardana



202211064939	SYSTEM FOR BAGGAGE COLLECTION AT EXIT GATE	12/11/2022	Published
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202411072734	A SYSTEM AND METHOD FOR DETECTING FORGOTTEN BELONGINGS AND MONITORING INDIVIDUAL MOVEMENTS	26/09/2024	Published
202411072397	INTEGRATED SMART WATER BOTTLE SYSTEM FOR HYDRATION MONITORING, MEDICATION MANAGEMENT, AND TEMPERATURE CONTROL	25/09/2024	Published
202411052683	AI-POWERED DISH RECOMMENDATION SYSTEM FOR PERSONALIZED COOKING ASSISTANCE	10/07/2024	Published
202411050177	SMART CLOTHES DRYING APPLIANCE WITH AUTOMATED SHIFTING AND AI-ENHANCED DRYING MECHANISM	01/07/2024	Published
202411048587	AI-POWERED AUTOMATIC EYEGGLASS CLEANING SYSTEM	25/06/2024	Published

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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