

Faculty Profile

Name : Mamta Gahlan
Designation : Assistant Professor
Qualifications : Pursing Ph.D. , M.Tech CSE
Phone : 011-25528117
Email : mamtagahlan@msit.in
Area of Interest/Specialization : Machine Learning in Healthcare, IoT in
Health care
Experience : 15 years



Key Publications

1. Research paper on "Securing of coloured Image using Visual Cryptography and Digital Enveloping" International Journal for Scientific Research and Development 2020
2. Research paper on "Tools Strategies and Model incorporating software Quality Assurance in risk orienting technology An Oriental Journal of Computer Science and Technology, September - 2017
3. Research paper on "Analytical Finding on Data Mining Algorithm" Management of various risk over SDLC" An International Journal of Advance Research in Computer Science, July August- 2017
4. Research paper on "Management of various risk over SDLC" An International Journal Of Advance Research in Computer Science, May-June 2017
5. Research paper on Securing of Colour Images Using Visual Cryptography and Digital Enveloping in COMPUSOFT : An International Journal of Computer Technology ,Volume 5, Issue 4, March 2016
6. Research paper on GPS Based Parking System in COMPUSOFT : An International Journal of Computer Technology ,Volume 5, Issue 4, March 2016
7. Research Paper on Comparative study of image smoothening using mean and median filtering on digital images in International Journal of engineering and science Feb, 2016
8. Research Paper on Comparative study of automated web testing tools in International journal of latest trends in Engineering and technology in volume 6 Jan 2016
9. Research Paper on Comprehensive study of face detection and recognition in International journal of latest trends in Engineering and technology in volume 6 Jan 2016
10. Research paper on Semantic web and semantic crawler in National conference on innovations in IT, Management on 21st Mar 2015

Papers presented in Conferences

1. Research paper on "Distinctive type of Fall Detection methods Using wearable device Safety and Security of Elderly Person" International Conference on Recent Developments in Science, Engineering & Technology

FDP and Workshop Attend:

1. Workshop attended on Green Computing in DCRUST, Murthal in June 2011
2. National conference on Current Scenarios and emerging trends in information technology in March 2013
3. Workshop attended on LATEX in Jan 2013
4. Workshop attended on Research methods in educational methodology in Feb 2013
5. Workshop attended one Week FDP on the Topic "Data Science using R" 26 Nov-30 Nov 2018
6. Workshop attended one Week FDP on the Topic "Open Source Technologies" 03dec-7dec-2018
7. Workshop on "*Modeling and Simulation using Matlab through ICT*" from NITTTR MHRD Chandigarh organized by M.S.I.T May 21st to 25th May 2018.
8. Attended one week STC on "Planning and Management for Institute Excellence, organized by the Department of Computer Science, NITTTR Chandigarh during 18-22 November, 2019.
9. Workshop on "Recent Advancements and Challenges in IT" organized by IT Department, MSIT, Delhi from 08 th March, 2021 to 12 th March, 2021.
10. Workshop attended the AICTE-ISTE approved Orientation/Refresher Programme on "Use of ICT in Engineering Education" organized by MsIT, Delhi held during 15 April, 2021 to 20 April, 2021

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1. IoT enabled obstruction evasion Robots for enhancing the security of the Systems" (Patent Published on 16/04/2021, Application No: 20211103252)