

Profile of Mr. Chavan Manik Kisan

	<p>Name : Mr. Chavan Manik Kisan</p> <p>AICTE Id : 1-4197831</p> <p>Department : Department of Computer Science & Engineering (HE)</p> <p>Designation : Assistant Professor</p> <p>Highest Qualification : M Tech</p> <p>Date of Birth : 25/05/1976</p> <p>Email-id: (official) : manik.chavan@walchandsangli.ac.in</p> <p>Total Experience : 18 Yrs 6 Months</p> <p>Experience at WCOE : 10 Yrs 9 Months</p> <p>Date of Joining : MAR/2014</p>
<p>About Faculty :</p>	<p>Mr. Manik k. Chavan is working as an Assistant Professor in Computer Science and Engineering Department Walchand college of Engineering Sangli, Maharashtra. He is also handling the additional responsibility as WIC IT infrastructure incharge. He has 19 years of teaching experience in Computer Science and Engineering and Information Technology Department. He has published widely in International Journals and Conferences and also reviewed papers for International Journal. He has delivered expert talks on Information Security at various institutes in Pune University. He has organized and attended several STTP'S and Conferences and also participated in the programs conducted under CHILP. His main research interests are in the areas of Cryptography and Network Security and Computer Networks. He has focused in the last few years on the research issues in detection and identification of zero day attacks in Malware Detection System. He has worked as a Summer Research Fellow(SRF) for Summer Research Fellowship program at IISc Bangalore and Worked on a project "Analyzing and Verifying Cryptographic Modules in Asterisk for FIPS 140-2" during April-June 2013, Department of Supercomputer Education and Research Center (SERC), IISc Bangalore. His research project on "Detection of Spywares by Data Mining and Machine Learning Techniques" is selected and granted by University of Pune. The aim of this project was to employ the principles of Data Mining and Machine Learning for the detection and removal of new, previously-unseen spywares. Before joining Walchand College of Engineering he has worked at various institutes in various capacities. He has worked as a lecturer in Computer Engineering Department at Government College of Engineering, Amravati during 2003 to 2006. He also served as a faculty at Vidya Pratishthan's College of Engineering (VPCOE) Baramati, Pune University, from July 2006 to March 2014.</p>
<p>Qualification :</p>	<p>Post Graduate Degree : M Tech,Computer Engineering ,Dr. Babasaheb Ambedkar Technological University</p> <p>Degree : B E,Computer Science and Engineering,Dr. Bamu, Aurangabad</p>
<p>Areas of Specialization :</p>	<p>Cyber Security</p>
<p>Personal Website :</p>	<p>https://www.walchandsangli.ac.in/Departments/CSEDepartment/M%20K%20Chavan.pdf</p>
<p>Research Identity :</p>	<p>Vidwan ID : <u>139365</u></p>

	<p>Orcid ID : 0000000340971525</p> <p>Scopus ID : 57195373195</p> <p>Google Scholar ID : KuJwNoMAAAAJ&hl=en</p>
Publications :	<ol style="list-style-type: none"> 1. "A Study and Comparative Analysis of Conditional Random Fields for Intrusion Detection", International Journal of Research in Computer Science, International Journals, PP. 31-38, VOL. 2, 2012 2. "An Advanced Method for Detection of Botnet Traffic using Intrusion Detection System", International Conference on Inventive Communication and Computational Technologies (ICICCT), , International Level, PP. 481-485, VOL. , 2017 3. "An energy efficient ring routing protocol for wireless sensor network", (IoT in social mobile analytics and cloud) (I-SMAC) IEEE, International Level, PP. 909-913, VOL. , 2017 4. "An integrated approach for malicious tweets detection using NLP", International Conference on Inventive Communication and Computational Technologies (ICICCT), International Level, PP. 435-438, VOL. , 2017 5. "Binary image authentication using zig-zag ordering of watermark", Advances in Technology and Engineering (ICATE), International Level, PP. 1–5, VOL. , 2013 6. "Cryptographic implementation of aggregate-key encryption for data sharing in cloud storage", IEEE international conference on recent trends in electronics, information & communication technology (RTEICT) , International Level, PP. 829– 832, VOL. , 2016 7. "Data Duplicate Detection", 9th International Conference on Computing, Communication and Networking Technologies (ICCCNT), International Level, PP. 1–6, VOL. , 2018 8. "Detecting compromised high-profile accounts on social networks", Proc. IEEE 9th Int. Conf. Comput. Commun. Netw. Technol, International Level, PP. 1–4, VOL. , 2018 9. "Fast nearest neighbor search with keyword using compressed inverted index", International Conference on Advanced Communication Control and Computing Technologies (ICACCCT), International Level, PP. 546-550, VOL. , 2016 10. "Intrusion Detection System Based on Conditional Random Fields", IJCSNS International Journal of Computer Science and Network Security, International Journals, PP. , VOL. 13, 2013 11. "Spyware Solution: Detection of Spyware by Data Mining and Machine Learning Technique", IEEE International Conference on Advanced Research in Engineering and Technology , International Level, PP. 288 - 292, VOL. , 2013 12. "Symbolic representation model for off-line signature verification", 9th International conference on computing communication and networking technologies (ICCCNT), International Level, PP. 1–5, VOL. , 2018
Courses Handled/List :	<p>Cryptography and Network Security, Information Security, Computer Network, Data Communication, Software Defined Networking, Theory of Computation, Discrete Mathematics, Research Methodology</p>
Additional Responsibilities :	<p>Walchand Informatics Center Incharge</p>
Other Information :	<p>Consultancies:- 1. KMC Data Center Kolhapur 2. CCTV Camera technical audit at MNP Primary schools, Ichalkaranji 3. HIS Hospital Management System in 64PHCs in Sangli District ZP Sangli. 4. CCTV Camera Technical Verification- Z.P. Schools in Sangli District 5. Third Party Technical verification of CCTV Cameras installed under Dalit Vasti Development Plan, Ichalkaranji Muncipal Corporation,</p>

Membership of Professional Societies/Bodies : **1.** Indian Society for Technical Education (ISTE),**2.** Institution of Engineering and Technology (IET),**3.** Computer Society of India (CSI)



Manik Chavan

Assistant Professor
 Information Security
 Computer Networks
 Data Mining and Machine Learning

	All	Since 2021
Citations	160	115
h-index	6	5
i10-index	5	4

TITLE	CITED BY	YEAR
An integrated approach for malicious tweets detection using NLP S Gcharge, M Chavan 2017 international conference on inventive communication and computational ...	59	2017
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An advanced method for detection of botnet traffic using intrusion detection system MS Koli, MK Chavan 2017 International Conference on Inventive Communication and Computational ...	20	2017
Symbolic representation model for off-line signature verification SK Jadhav, MK Chavan 2018 9th International Conference on Computing, Communication and Networking ...	14	2018
Detecting compromised high-profile accounts on social networks PV Phad, MK Chavan 2018 9th International Conference on Computing, Communication and Networking ...	12	2018
An Advanced method for detection of botnet traffic using Internal Intrusion Detection MS Koli, MK Chavan 2017 International Conference on (ICICCT)	6	2017
An energy efficient ring routing protocol for wireless sensor network AD Kumbhar, MK Chavan 2017 international conference on I-SMAC (IoT in social, mobile, analytics ...	5	2017
Intrusion detection system based on conditional random fields DV Guleria, MK Chavan International Journal of Computer Science and Network Security (IJCSNS) 13 ...	5	2013
Cryptographic implementation of aggregate-key encryption for data sharing in cloud storage PP Kendrekar, MK Chavan 2016 IEEE international conference on recent trends in electronics ...	3	2016
Binary image authentication using zig-zag ordering of watermark DA Zende, MK Chavan 2013 International Conference on Advances in Technology and Engineering ...	2	2013
A study and comparative analysis of conditional random fields for intrusion detection D Guleria, MK Chavan International Journal of Research in Computer Science 2 (4), 31	2	2012
Data Duplicate Detection N Medidar, M Chavan	1	2018

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2018 9th International Conference on Computing, Communication and Networking ...		
Spyware solution: Detection of spyware by data mining and machine learning technique M Chavan, DA Zende International Conference on Advanced Research in Engineering and Technology	1	2013
Fast nearest neighbor search with keyword using compressed inverted index SB Shinde, MK Chavan 2016 International Conference on Advanced Communication Control and ...		2016
Malware Detection Using Tlsh and Deep Learning A Patil, MK Chavan Available at SSRN 4503689		