Dr. Manish Shrivastava

Computer Science & Engineering

Guru Ghasidas Vishwavidyalaya, Bilaspur(C.G)

9827116390

manbsp@gmail.com

Qualifications

1. Ph.D. : Title "Cryptography and Secure Data Communication" University : Guru Ghasidas University Bilaspur, 2006.

2. M.Tech : Computer Science . University : Devi Ahilya vishwavidyalaya,Indore (M.P.) Year : 1997-98 Result First Division With Distinction

3. PGDCA Post Graduate Diploma in Computer Applications University Guru Ghasidas University , Bilaspur (C.G) Year 1991-92. Result First Division

4. M.Sc. M.Sc. (Physics) University Guru Ghasidas University , Bilaspur (C.G.) Year 1990. Result First Division

Area of Interest/Specialization:

Network Security, Relational Database Management, Machine Learning

Experience:-21 years of Teaching Experience

Best Peer Reviewed Publication :-

1. "ResNet50-Based Effective Model for Breast Cancer Classification Using Histopathology Images" CMES: Computer Modelling in Engineering & Sciences 13 December 2021 Vol.130, No.2, 2022 ISSN 1526- 1492 ISSN 1526-1506.
2. "Spatio temporal smoke detection using hybrid deep Q learning classifier for educating engineering students", The International Journal of Electrical Engineering & Education, June 14, 2020, ISSN: 0020-7209 , Online ISSN: 2050-4578, PP 1-16
3. "An Efficient Algorithm Proposed For Smoke Detection in Video Using Hybrid Feature Selection Techniques", ETASR Engineering, Technology & Applied Science Research Vol. 9, No. 2, 2019, ISSN 1792-8036, ISSN(Print) 2241- 4487, PP. 3939- 3944.
4. "Hybrid Deep VGG-NET Convolutional Classifier for Video Smoke Detection", CMES: Computer Modeling in Engineering & Sciences, Vol. 119, No. 3, 2019, ISSN 1526-1492 ISSN1526-1506(online) , PP 427-458.
5. "A Survey On Video Smoke Detection", Lecture Notes in Network Systems, volume 9 , Springer Nature Singapore, ISSN 2367-3370, PP 211-221
6. "A Smoke Detection Algorithm Based On K-Means Segmentation", IEEE Xplore 2016, ICALIP, CHINA, ISBN: 978-1-5090-0654-0, PP 301-305.
7. Green corridor: A self-learning and educating algorithm for engineers (industry/students) to send data in emergency situations through wireless sensor network, The International Journal of Electrical Engineering & Education, ISSN: 0020- 7209 Online ISSN: 2050-457.
8. "Novel wireless charging algorithms to charge mobile wireless sensor network by using reinforcement learning" SN Applied Sciences Springer Nature Vol. 01 August 2019 ISSN: 2523- 3971 (electronic version).
9. "Novel Learning Algorithms for Efficient Mobile Sink Data Collection Using Reinforcement Learning inWireless sensor", Wiley/Hindawi Wireless Communications and Mobile Computing Volume 2018, Article ID 7560167, PP 1-13
10. Content Based Symmetric Key Algorithm Procedia Computer Science, Published by Elsevier, International Conference on Computational Modeling and Security (CMS 2016) 2, june 2016 ISSN : 1877- 0509, Pp 222 – 227

Recent Books/Book Chapters/Monographs etc.

1. Impact of Various Network Security Attacks on Wireless Sensor Localization algorithm Based upon WSN node's Residual Energy Lecture Notes in Network Systems, Springer Nature Singapore ISSN 2367-3370.
2. Energy Control and Performance Improvement in Wireless Mesh Network through Multipath AODV PP 20-24 International Journal of Research Studies in Computer Science and Engineering (IJRSCSE) Proc. of the IRSMT2015, Bilaspur University, Bilaspur ISSN 2349-4840 (Print) & ISSN 2349-4859 (Online)

3. Improvement on Exiting Indian IPCSIT vol. 37 (2012) © ISSN (2012) IACSIT Press, Singapore, EVMs, ISSN 2010-460X

4. PANCH~VAKTR AM A WEB BROWSER WITH A SPOOF GUARD TECHNOLOGY PP 487 - 491 ASME, Press, New York Volume: 1, (ICCTD2011) ISBN 978-0-7918-5991-9
5. Unsupervised Techniques of Segmentation on Texture Images : A Comparison IEEE Xplore International Conference on Signal Processing, Computing and Control (2012 IEEE ISPCC) ISBN: 978-1-4673-1317-9
6. A New Algorithm for Voice Signal Compression(VSC) & Analysis Suitable for Limited Storage Device Using Matlab Pp 227-231 IEEE Xplore 2009 ISBN: 978-0-7695-3591.
7. Voice Signal Compression and Spectrum Analysis(VSCSA) : Suitable For Pervasive Computing and Limited Storage Devices Using MatLab Pp 780-784 IEEE Xplore 2009 ISBN: 978-4244-1888

Research Supervision:-

Ph, D. : Awarded 02

Ph.D. : Submitted 01

Ph.D. : In Progress 02

Administrative Responsibilities:-
1. Worked as a Head of Department of Computer Sc. & Engineering in Institute of Technology, Guru Ghasidas Vishwavidyalaya , Bilaspur from july 2003 to 24/02/2017.
2. Serve as Member, Acadmic Coubcil , Guru Ghasidas Vishwavidyalaya , Bilaspur from 15/09/2012 to 15/09/2015.
3. Serve as Chairman, Board of Studies, Computer Science & Engineering, Guru Ghasidas Vishwavidyalaya , Bilaspur
4. Member, School of Studies in Engineering and Technology, Guru Ghasidas Vishwavidyalaya , Bilaspur
5. Serve as Member, Examination Committee in Computer Science & engineering, Guru Ghasidas Vishwavidyalaya , Bilaspur
6. Serve as Member, Inter-University National Cultural Board which function as an apex body for promotion and development of youth, art and cultural affairs in Universities.
7. Serve as Member, Anti ragging committee of Institute of Technology, Guru Ghasidas Vishwavidyalaya , Bilaspur
8. Worked as program officer of N.S.S. in University Teaching Department, Guru Ghasidas University , Bilaspur (C.G.) from 22/01/03 to 07/02/05
   Organized workshop for Blood Donation on 8th August 2003 .

9. Worked as Cultural Coordinator, Guru Ghasidas University, Bilaspur(C.G)..

Additional Information

    1. Patents Published:-

- **Land scanner system embedded in drone for land surveying (Intellectual Property India)**
- **Virtual Scribe (Intellectual Property India)**

    2. Abroad Visit

S.No.	Purpose	Duration	Country
1.	To Session Chair and paper presentation in 3rd International Conference on computer technology and development ICCTD 2011 in Chengdu, China.	25-27 November 2011	China
2.	Visited Iowa, USA, Under Group Study Exchange Program of Rotary International,	25 April to 06 June 2008	USA

3. **Invited Lectures and chairmanships at national or international conference/seminar etc.**

S.No	Title of talk	Title of conference/siminar/event/etc.	Date of Event	Organized by	Whether International/National/State/level
01	Invited Talk on Research Paper & Research Database	Workshop cum Pre Ph.D. coursework program	25th May to 3rd June 2019	Atal Bihari Vajpayee University, Bilaspur CG	State
02	Invited Talk on Network Security	TEQIP-III	April 26 2019	LCIT, Bilapur & CSVTU, Bhilai CG	State

03	Invited Talk on Reducing CO2 Emissions by Transport with use of ICT	National Seminar on "Energy Industry and Environment"	09 October 2015	Govt. Vivekanand (PG) College, Manendragarh CG	National
04	Invited Talk on Video steganography using pixel intensity value and LSB technique	Innovation and Research in Science, Management and Technology (IRSMT-2015)	29-30 March, 2015	Bilaspur University, Bilaspur	National
05	Invited Talk on Network Security Problems and Solutions	Interaction program for Ph.D. scholars of Academic Staff college of Guru Ghasidas Vishwavidyalaya, Bilaspur,	29 January, 2015	Academic Staff college of Guru Ghasidas Vishwavidyalaya, Bilaspur,	National