

Dr. YOGADHAR PANDEY

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Objective

To attain the challenging position as an academician/administration which would enable me to handle educational and training projects of National and International organizations & to keep adding value to myself which would contribute to the growth and success of the organization as well as my country.

Experience

13 Years of Administrative & Teaching Experience:

Working as **Assistant Professor** in CS Dept at Babasaheb Bhimrao Ambedkar University (A Central University) Lucknow (UP) Since 12/10/23 to till date.

Conference Chair:

Chaired session in international conference (CSNT-2014) held on 8th April-2014 at NITTTR, Bhopal.

Publication in UGC-CARE:

Research paper entitled “**EVALUATION OF MODIFIED ITERATIVE HYBRID BCS-FOCUSS COMPRESSIVE SENSING METHODS**” has been published in UGC- CARE Listed Journal Purakala with ISSN: 0971-2143, Vol 31 Issue 2, 2022, pp 2270-2277.

Publication in Scopus:

1. Research paper entitled “**Detection and Prevention of Wormhole Attack using the Trust-based Routing System**” has been published in proceedings (IEEE Xplore) of International Conference on Electronics and Sustainable Communication Systems (ICESC) 2020, pp 809-814.
2. Research paper entitled “**Detection and deletion of selfish MANET nodes-a distributed approach**” has been published in proceedings (IEEE Xplore) of 1st international conference on recent advances in information technology (RAIT) 2012, pp 152-156.
3. Research paper entitled “**Real Time Fog Removal Technique with Improved Quality through FFT**” has been published in proceedings (IEEE Xplore) of Fourth International Conference on Communication Systems and Network Technologies 2014, pp 814-818.
4. Research paper entitled “**Recurrent Neural Networks Based Approach for Intrusion Detection System**” has been published in proceedings (IEEE Xplore) of International Conference on Computational Intelligence and Computing Applications, ICCICA 2021, pp 1-4.
5. Research paper entitled “**Machine Learning Based Automated Approach to Detect Brain Disease Anomalies**” has been published in proceedings (IEEE Xplore) of International

Conference on Computational Intelligence and Computing Applications, ICCICA -2021.

Patents and Policy Documents:

Patent Filed on AUTOMATIC SALT SEGMENTATION WITH UNET IN PYTHON USING DEEP LEARNING with Patent No. IN202141061638.

Chapter in Edited Book:

1. Published book chapter entitled “Analysis of Coronary Artery Disease Using Various Machine Learning Techniques” in CRC PRESS (TAYLOR&FRANCIS) with ISSN/ ISBN No. **9781003217091, pp 1-20.**

2. Published book chapter entitled “Algorithms for Intelligent Systems” with publisher Bentham Science with ISSN/ ISBN No. **978-981-5079-19-7, pp 19-30.**

WORKSHOPS/SEMINARS ATTENDED:

1. Attended & Participated A National Workshop on **Digital Forensics** conducted under **ISEA project, Government of India, Dept. of Information Technology, at MANIT, Bhopal** on 18-19 March 2010.

2. Attended & Participated AICTE Sponsored Staff Development Program on “**Computational Techniques and Applications based on Soft Computing**”, from 4th -20th Feb, 2009 at RDIST, Bhopal.

3. Attended & Participated AICTE Sponsored Staff Development Program on “**Recent Trends and Practices in Data Mining and Data warehousing Techniques**”, Feb. 8th -20th, 2010 at VNS Institute of Technology, Bhopal.

4. Attended & Participated AICTE Sponsored Staff Development Program on “**Use of Artificial Intelligence in Engineering Applications**”, May 16th -29th, 2012 at RGPM, Bhopal.

5. Attended & Participated A Short term training program on **Network Forensics** conducted under **ISEA project, Government of India at MANIT Bhopal** on 05-06 March 2014.

International Journals:

1. Research paper entitled “**A secure scheme to avoid wormhole attack in ant based adaptive multicast routing protocol for MANET**” has been published in **IFRSA's International Journal of Computing**[Vol2|issue 1|January 2012].

2. Research paper entitled “**Review of authentication and digital signature methods in Mobile ad hoc network**” has been published in **International Journal of Advanced Research in Computer Engineering & Technology (IJARCET) Volume 2, Issue 3, March 2013.**

3. Research paper entitled “**Real Time & Secure Video Transmission Using Open MPI**” has been published in **INTERNATIONAL JOURNAL FOR ENGINEERING APPLICATIONS AND TECHNOLOGY (IJFEAT) [Issue 1(1):29July, 2013].**

4. Research paper entitled **“Cut Detection in Wireless Sensors Network Using Distributed Source Separation Detection (DSSD) Approach”** has been published in **International Journal of Scientific and Research Publications, Volume 2, Issue 12, December 2012 1 ISSN 2250-3153.**
5. Research paper entitled **“An Efficient password based Two-Server Authentication and Pre-shared Key Exchange System using Smart Cards”** has been published in (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 4 (1), 2013,pp 117 – 120.
6. Research paper entitled **“Time-Synchronization in underwater sensor networks”** has been published in (IJETAE) **International Journal of Emerging Technology and Advance Engineering.**
7. Research paper entitled **“Impact of Kernel Fisher Analysis Method on Face Recognition”** has been published in **International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-2, Issue-3, and February 2013.**
8. Research paper entitled **“Kernel Fisher Analysis Method for Face Recognition”** has been published in (IJETAE) **International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, Volume 2, Issue 1, January 2012).**
9. Research paper entitled **“COLOR IMAGE ENHANCEMENT WITH NOISE REDUCTION”** has been published in International Journal of Advanced Technology & Engineering Research (IJATER). ISSN No: 2250-3536 Volume 2, Issue 5, Sept 2012.
10. Research paper entitled **“STEGANOGRAPHY ALGORITHM WITH DYNAMIC PATTERN MATCHING”** has been published in **Journal of Artificial Intelligence. ISSN: 2229-3965 & E-ISSN: 2229-3973, Volume 3, Issue 2, 2012, pp.-94-97.**
11. Research paper entitled **“Analysis and Implementation of Sentiment Classification Using Lexical POS Markers”** has been published in International Journal of Computing, Communications and Networking. Volume 2, No.1, January – March 2013. ISSN 2319-2720
12. Research paper entitled **“TIME-SYNCHRONIZATION IN UNDERWATER SENSOR NETWORKS”** has been published in International Journal of BIOINFO publications on BIOINFO Sensor Networks .ISSN: 2249-944X & E-ISSN: 2249-9458 Volume 2, Issue 1, 2012, pp.-21-24.
13. Research paper entitled **“Performance Evaluation on State of the Art Sequential Pattern Mining Algorithms”** has been published in **International Journal of Computer Applications (0975 – 8887) .Volume 65– No.14, March 2013.**
14. Research paper entitled **“Classifying Populated IP Addresses using SVM Clustering and Vertical partition ID3 Decision Tree”** has been published in (IJCSIT) International Journal of Computer Science and Information Technologies, Vol. 4 (1), 2013, 156 – 158. ISSN: 0975-9646

15. Yogadhar Pandey, Shailendra Singh "An Efficient Selection Approach for Network – based Intrusion Detection System Using Machine Learning Algorithm" published in proceeding of IJTRM (ISSN 2348-9006). Vol.5, Issue3.pp:1-8, 2018.(UGC approved Journal).

National Conferences:

1. Presented National paper entitled "**Intrusion Detection System based on Feature Selection & Classification Algorithms**" in National Conference on Recent Trends and Challenges in Internet Technology (RTCIT-2010), at MANIT, Bhopal
2. Presented National paper entitled "**Development of Intrusion Detection System for wireless Ad-Hoc Network**" in National Conference on Recent Trends and Challenges in Internet Technology (RTCIT-2010), at MANIT, Bhopal.
3. Presented National paper entitled "**ANALYSIS AND DESIGN OF INTRUSION DETECTION SYSTEM USING SUPPORT VECTOR MACHINE**" in National Conference on IT-CONTEMPORARY & FUTURE TECHNOLOGIES FOR SOCIAL CHANGE at ITM, Gwalior.
4. Presented National paper entitled "**Intrusion Detection System Using Feature Selection Algorithm**" in National Conference on IT-CONTEMPORARY & FUTURE TECHNOLOGIES FOR SOCIAL CHANGE at ITM, Gwalior.
5. Presented research paper entitled "**Cyber Attack Classification Based on Parallel Support Vector Machine**" in MPGI National Multi Conference 2012 (MPGINMC-2012) on "Recent Trends in Computing" 7-8 April, 2012 .Proceedings published by International Journal of Computer Applications® (IJCA) ISSN: 0975 – 8887.

International Conferences:

- 1 Presented International paper entitled "**Internet Traffic Classification: An Enhancement in performance using classifiers combinations.**" in International Conference on Advances in Communication, Embedded system and Computing), at SIRT, Bhopal.
- 2 Presented International paper entitled "**Detection And Deletion Of Selfish MANET- A Distributed Approach.**" In 1st IEEE International Conference on Recent Advances in Information Technology (RAIT-2012), at ISM, Dhanbad during 15-17 March 2012. Proceeding published in IEEE Xplore.
- 3 Presented International paper entitled "**Distributed Intrusion Alert Aggregation with Data Stream Modeling**" in 1st International Conference on Recent Trends in Engineering & Technology, Mar-2012 Special Issue of International Journal of electronics, Communication & Soft Computing Science & Engineering, ISSN: 2277-

9477129.

- 4 Presented International paper entitled “**An Approach to Incremental Hierarchical Document Clustering**” in International Conference on Computing and Control Engineering (ICCCE 2012), 12 & 13 April, 2012 ISBN 978-1-4675-2248-9 © 2012 Published by Coimbatore Institute of Information Technology.
- 5 Pandey Yogadhar, Singh Shailendra.” **Statistical Network Based Intrusion Detection System Using Machine Learning Algorithms: A Review**”. In Proceedings of the ICIREMPS2K16 International Conference on Inter disciplinary Research of Engineering and management. pp: 670-674, 2016.
- 6 Pandey Yogadhar, Singh Shailendra.” **Multi model ANN ensemble classification for Intrusion detection**” in Proceedings of the ICIREMPS2K16 International Conference on Inter Disciplinary Research of Engineering and management.,20-23 February

PROFESSIONAL PROFILE:

- Proven track record of competencies in teaching and research via publications in National/International Conferences and journals.
- Demonstrated capacity to implement innovative ideas by working in a team as well as taking leadership as and when required.
- Hands-on experience in all stages of system development efforts, including requirements definition, design, architecture, testing, and support.
- Adept at working under pressure and in challenging environments.

Educational Qualification:

Institution	Board/University	Examination	Year
NITTTR, Bhopal	Barkatullah University, Bpl.	Ph.D.(CSE)	2018
RGPV, BOPAL	RGPV, BOPAL	M.Tech(CSE)	2010
UIT-RGPV(GEC), BHOPAL	RGPV, BOPAL	B.E. (IT)	2007

Personal Details

Father's name : Late Shri. R.K. Pandey
Mother's name : Mrs. Laxmi Devi

Date of birth : 16 February 1982
Language known : English, Hindi
Permanent Address : 54, Durganagar colony near railway station, Bhopal, 462023

References

Prof. Rajesh Wadhvani
MANIT, Bhopal
Mob. No- 9893338992

Dr. Bhupendra Verma
Group Director TIT, Bhopal
Mob.No- 9425011658

Declaration

I hereby declare that above written particulars are true to the best of my knowledge.

DATE: 01/02/24
Place:Lucknow

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Dr Yogadhar Pandey