

Mr. Abhishek Kumar Pandey

S/O Sri Rajendra Kumar Pandey
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SUMMARY

I am a hard-working and passionate researcher & cyber security expert with more than 1 Year of research work experience. Skilled in writing effective research articles, reports and has expertise in conducting a systematic literature review.

ACADEMIC QUALIFICATION

- **Post-Graduation in M.Sc (Cyber Security)** from Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, Uttar Pradesh, India securing **86% (8.5 CGPA)** in 2020.
 - **Thesis:** Securing Healthcare Data through Hybrid Computational Methodology for Improving the Performance of Hospital System: An Analysis and Recommendations
 - **Supervisor:** Prof. R. A. Khan
- **Graduation in BCA(Bachelor of Computer Application)** from Siddhartha University, Kapilvastu, Siddhartha Nagar, Uttar Pradesh, India securing **83%, Gold Medalist (University & College Topper)** in 2018.
- **Intermediate** from U. P. Board securing **70%** in 2015.
- **High School** from U. P. Board securing **77%** in 2013.

RESEARCH INTRESTS

- **Broad:** Understanding and classifying various aspects of Cyber Security and its different factors.

- **Current Focus:** Cybernetics, Cyber Physical System, Data Security, Health Informatics, Malware Analysis, Secure Web Application Development Strategies through MCDM methods.

PROFESSIONAL (IT) SKILLS

- Information Security Audit
- Enterprise Information Security Governance
- Penetration Testing
- Malware Identification & Removal
- Advance Persistence Threat (APT) Prevention

PROFFRESIONAL (RESEARCH) SKILLS

- Multi Criteria Decision Making Method
- Effective Keywords Creation & Searching
- Problem-solving
- Attention to detail

CITATION INDICES

Citations	:	23
h-Index	:	03

RESEARCH SCORE

RG Score : 9.31 (Higher than 45% of all Research Gate members' scores)

RESEARCH PAPERS PUBLISHED [1-13]

SCI-E (ISI) (8), Web of Science (11), Scopus (13)

TOTAL INDIVIDUAL JCR IMPACT FACTOR (THOMAS ROUTER): 19.930

Book Chapters [1-3]

1. **Current Challenges of Digital Forensics in Cyber Security**, *Abhishek Kumar Pandey, Ashutosh Tripathi, Gayatri Kapil, Virendra Singh, Mohd. Waris Khan, Alka Agrawal, Rajeev Kumar, Raees Ahmad Khan, (2019) Critical Concepts, Standards, and Techniques in Cyber Forensics, IGI Global, 2019.*
(Indexed in SCOPUS, ISI, EI-Compendex, DBLP)
2. **Trends in Malware Attacks- Identification and Mitigation Strategies**, *Abhishek Kumar Pandey, Ashutosh Tripathi, Gayatri Kapil, Virendra Singh, Mohd. Waris Khan,*

Alka Agrawal, Rajeev Kumar, Raees Ahmad Khan, (2019) Critical Concepts, Standards, and Techniques in Cyber Forensics, IGI Global, 2019.
(Indexed in SCOPUS, ISI, EI-Compendex, DBLP)

3. **Selecting and Assessing the Importance of Malware Analysis Methods for Web-based Biomedical Services through Fuzzy based Decision Making Procedure, Abhishek Kumar Pandey, Ashtosh Kumar Tripathi, Alka Agrawal, Rajeev Kumar, Raees Ahmad Khan, (2020) Recent advances in Nature Inspired Optimization Algorithms, Techniques and Biomedical Applications, De-Gruyter, 2020.**
(In Press)
(Indexed in Web of Science, SCI, SCOPUS and DBLP)

International Journals [4-13]

4. **A Framework for Producing Effective and Efficient Secure Code through Malware Analysis, Abhishek Kumar Pandey, Ashutosh Kumar Tripathi, Mamdouh Alenezi, Alka Agrawal, Rajeev Kumar, Raees Ahmad Khan, (2020) International Journal of Advanced Computer Science and Applications (IJACSA), Volume 11, Issue 2, pp. 597-503, 2020.**
(Indexed in Web of Science, SCOPUS and INSPEC Direct)
5. **Key Issues in Healthcare Data Integrity: Analysis and Recommendations, Abhishek Kumar Pandey, Asif Irshad Khan, Yoosef B. Abushark, Md Mottahir Alam, Alka Agrawal, Rajeev Kumar, Raees Ahmad Khan, (2020) IEEE Access, Volume 8, Issue 3, pp. 40612-40628, 2020.**
(Impact Factor: 4.098, Quartile: Q1)
(Indexed in Web of Science, SCI-E, Scopus)
6. **Fuzzy-Based Symmetrical Multi-Criteria Decision-Making Procedure for Evaluating Impact of Harmful Factors of Healthcare Information Security, Rajeev Kumar, Abhishek Kumar Pandey, Abdullah Baz, Hosam Alhakami, Wajdi Alhakami, Alka Agrawal, Raees Ahmad Khan, (2020) Symmetry, 12, 664 2020.**
(Impact Factor: 2.645, Quartile: Q2)
(Indexed in Web of Science, SCI-E, Scopus)
7. **Securing Web Application through Malware Analysis: An Examination and Future Recommendations, Abhishek Kumar Pandey, Fawaz Alsolami, (2020) International Journal of Advanced Computer Science and Applications (IJACSA), Volume 11, Issue 7, 2020.**
(Indexed in Web of Science, SCOPUS and INSPEC Direct)
8. **Evaluating the Security Impact of Healthcare Web Applications through Fuzzy based Hybrid Approach of Multi-Criteria Decision-Making Analysis, Alka**

Agrawal, Abhishek Kumar Pandey, Abdullah Baz, Hosam Alhakami, Wajdi Alhakami, Rajeev Kumar, Raees Ahmad Khan, (2020) IEEE Access, Volume 8, 2020.

(Impact Factor: 4.098, Quartile: Q1)

(Indexed in Web of Science, SCI-E, Scopus)

- 9. Usable-Security Assessment of Healthcare Software System through Fuzzy ANP-TOPSIS Method: Usable-Security Assessment**, *Adil Hussain Seh, Masood Ahmad, Mohd Nadeem, Abhishek Kumar Pandey, Alka Agrawal, Rajeev Kumar, Raees Ahmad Khan, (2020) International Journal of System Dynamics Applications (IJSDA), Volume 10, Issue 4, Article 3, 2020.*

(In Press)

(Indexed in Web of Science, SCI-E, Scopus)

- 10. Performance Estimation of Web Application through a Hybrid Methodology: Security Tactics Perspective**, *Mamdouh Alenezi, Abhishek Kumar Pandey, Richa Verma, Mohd Faizan, Shalini Chandra, Alka Agrawal, Rajeev Kumar, Raees Ahmad Khan, (2020) CMC-Computers, Materials & Continua, 2020.*

(In Press)

(Impact Factor: 4.89, Quartile: Q1)

(Indexed in Web of Science, SCI-E, Scopus)

- 11. Prediction of COVID-19 Pandemic Spread in Kingdom of Saudi Arabia**, *Abdulaziz Attaallah, Sabita Khatri, Mohd Nadeem, Syed Anas Ansar, Abhishek Kumar Pandey, Alka Agrawal, (2020) CSSE- Computer Systems Science and Engineering, 2020.*

(In Press)

(Impact Factor: 0.278, Quartile: Q3)

(Indexed in Web of Science, SCI-E, Scopus)

- 12. Symmetrical Model of Smart Healthcare Data Management: A Cybernetics Perspective**, *Wajdi Alhakami, Abdullah Baz, Hosam Alhakami, Abhishek Kumar Pandey, Raees Ahmad Khan, (2020) Symmetry, 12, 2089, 2020.*

(Impact Factor: 2.645, Quartile: Q2)

(Indexed in Web of Science, SCI-E, Scopus)

- 13. Evaluating Device Security of Internet of Healthcare Things**, *Abdulaziz Attaallah, Masood Ahmad, Md Tarique Jamal Ansari, Abhishek Kumar Pandey, Rajeev Kumar, Raees Ahmad Khan, (2020) IASC-Intelligent Automation & Soft Computing, 2020.*

(In Press)

(Impact Factor: 1.276, Quartile: Q3)

(Indexed in Web of Science, SCI-E, Scopus)

ACHIEVEMENTS

- **Topper of University and Honored by Governor of Uttar Pradesh in Dec. 2018.**

- Participated in “19th State Level National Children Science Congress UP” from November 18-20, 2011 in JAUNPUR and Entitled with “*State Child Scientist*”.

REVIEWER OF INTERNATIONAL INDEXED JOURNALS

- Security Journal, Palgrave, Springer Nature.

MEMBERSHIPS

- A Member of International Computer Science and Engineering Society (ICSES) (Membership ID: 9243).
- A Member of Institute for Engineering Research and Publication (IERP) (Membership ID: SM95746210).
- A Member of Internet Society India – Global Member (Membership ID: 2221065).
- A Member of International Association of Engineers (IAENG) (Membership ID: 267366).

PERSONAL INFORMATION

Mother's Name : **Smt. Sunita Panday**
 Father's Name : **Mr. Rajendra Kumar Panday**
 Date of Birth : 26-Jul-1999
 Marital Status : Single
 Strength of my Personality : Devoted to My Work, Optimistic, Explorer, Logical
 Language Known : Hindi & English
 Hobbies : Computer Games, Music, Hanging out with friends and family

REFERENCES

Prof. Raees Ahmad Khan
 Head
 Department of Information Technology
 Babasaheb Bhimrao Ambedkar University
 (A Central University)
 Lucknow, Uttar Pradesh, India

Dr. Rajeev Kumar
 Assistant Professor
 Department of Computer Application,
 Shri Ramswaroop Memorial University, Lucknow,
 Uttar Pradesh, India

Date:

Abhishek Kumar Pandey