RAGHVENDRA KUMAR

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Cell: +91-7804068698   JALAUN-285201, UTTAR PRADESH

Objective:

To contribute as a computer science faculty by utilizing my theoretical and practical knowledge of computer science to facilitate the learning of the students.

Summary:

- Highly gifted in research and teaching aptitude.
- Consistently high academic records throughout my education.
- Crystal clear understanding of the underlying principles of the subject and its relevancy to other domains.
- In depth knowledge of the common job duties of a lecturer and ability to perform them efficiently. A familiarity with the general administrative environment at educational institute.
- Highly innovative in depicting the subject matter to the student using traditional methods as well as modern aids.
- Excellent English communication and comprehension skills.
- Superb proficiency at computer aided teaching and research tools and the web search engines.

Research Interests

My primary research interests lie at the intersection of privacy, security, data analysis, and data management. As such, I am very interested in the field of secure information sharing and its various applications; as also the application of secure computation technologies to business processes such as supply chain management and optimization. I am also interested in security and privacy issues raised by data mining, and the use of data mining techniques to enhance security, such as in Role Engineering.

Professional Education:

1. Continuing **Ph. D** in Computer science and engineering in the field of Data mining and Cloud Computing from Jodhpur National University Jodhpur from year **2013.**
2. Completed 2 years full time **M. Tech** in computer science and engineering from **Kalinga Institute of Industrial Technology (KIIT) of KIIT UNIVERSITY** having CGPA **8.73** in **2013.**
3. Completed **B. Tech** in computer science and engineering from **SRM UNIVERSITY** in the year **2011** and secured a **CGPA 7.35** (out of 10).

Work Experience

1. Working as Assistant Professor in LNCT Group of College Jabalpur from July 2013 to till date.
2. Worked as Project manager in Apple InfoTech Pvt. Ltd Bhubaneswar from October 2012 to may 2013.

Members of the Editorial Board

1. International Journal of Computer Science and Informatics (IJCSI), ISSN (*PRINT*): 2231 –5292.
2. The International Journal of Computer Science & Application (TIJCSA), ISSN 2278-1080.

Members of the Reviewer Board

1. Asian Journal of Computer and Information Systems (AJCIS).
2. Global Journal of Science frontier Research, USA Incorporation No.: 0423089 | OARS Affiliation Id: 4636/AO | USA Tax ID (Emp. ID): 098-0673227 | License No.: 42125/022010/1186 | Reg. No.: 430374 | Import-Export: 1109007027

Honors and Awards

Best Paper Award (Modified CK Secure Sum Algorithm in horizontally Partitioned database) at **IEEE ICRDPET-2013.**

Published Paper:

1. Mining Association Rule for Horizontally Partitioned Databases Using CK Secure Sum Technique at International Journal of Distributed and Parallel Systems (IJDPS) Vol.3, No.6, November 2012.
2. A Survey on Privacy Preserving C4.5 Algorithm over Vertical Database at **India com 2013**.
3. Modified CK Secure Sum Algorithm in horizontally Partitioned database "**IEEE Explorer** (ICRDPET-2013)".
4. Privacy Preserving Horizontal Partitioned Databases using Randomized Response Technique "**IEEE Explorer** (ICT-2013)" Indexing in **Scopus**.
5. A Novel Approach: CART Algorithm for Vertically Partitioned Database in Multi Party Environment "**IEEE Explorer** (ICT-2013)" Indexing in **Scopus**.
6. Techniques for Privacy Preserving in Distributed Database "IJCSITSE-2012".
7. Hash Based Searching Algorithm, Vol-2, Issue-2, and "IJIRSET".
8. A Novel Algorithm for Isomorphic Graph, Vol-2, Issue-3, "IJIRSET".
9. Analysis on Service Models of Cloud Computing, January-2013, "IJIRES".

10. Privacy Preserving in Distributed Database using Data Encryption Standard (DES), Vol- 2, Issue-3, "IJIRSET".
11. Star Topological Secure Sum protocol with Trusted Third Party, Vol-2, Issue-3, " IJIRSET".
12. Distributed Database R-k Secure Sum Protocol, Vol-2, Issue-2, "IJIRSET'.
13. Modified Distributed R-k Secure Sum Protocol, Vol-2, Issue-2, "IJIRSET'.
14. FP Tree Algorithm using Modified Ck Secure Sum Method, 15 Jan 2013, "IJIRSET".
15. Privacy Preserving in FP Tree Algorithm using Ck Secure Sum Protocol, Vol-4, Issue-4, "IJSER".
16. FP Tree Algorithm using Hybrid Secure Sum Protocol in Distributed Database, Vol-4, Issue-2, "IJSER'.
17. Privacy Preserving in FP Tree Algorithm using Randomized Response Technique, Vol-1, No-11, "TIJCSA".
18. Distributed R-k Secure Sum Protocol for Privacy Preserving, Feb-2013, "IOSR".
19. Distributed Database using Randomized Response Technique in FP Tree Algorithm, Jan-2013, and "IJITEE.
20. Secure Sum Algorithm in Horizontally Partitioned Databases, **IEEE Journal**, African Journal of Computing & ICT, Vol 6. No. 2, June 2013

Accepted Paper

1. "Privacy Preserving In FP Tree Algorithm Using Ck Secure Sum Protocol for Horizontally Partitioned Database" ICMIRA-2013 at IEEE Explorer.
2. "Privacy Preserving CART Algorithm over Vertically Partitioned Data" IJIRCCE, Volume 1, Issue 9, November 2013.
3. "A Study: Translation from Odia Language to Hindi Language", IJIRCCE, Volume 1, Issue 9, November 2013.
4. "A Survey: FP Tree Algorithm with and Without Trusted Party for Environmentally Distributed Databases", IJIRCCE, Volume 1, Issue 9, November 2013.

Published Paper in Proceedings National/International Conferences

1. Privacy in FP Tree Algorithm with and Without Trusted Party for Horizontally Partitioned Distributed Databases, ICCCCM 2013, United Group of College, Allahabad, India.

2. Secure Sum Algorithm in Horizontally Partitioned Databases, VIMARSH 2013, CHOUKSEY ENGINEERING COLLEGE, BILASPUR, India

3. Hindi to Odia Machine Translation System using Apertium, VIMARSH 2013, CHOUKSEY ENGINEERING COLLEGE, BILASPUR, India

4. D-k Secure Sum Multi Party Algorithm for Horizontally Partitioned Databases, VIMARSH 2013, CHOUKSEY ENGINEERING COLLEGE, BILASPUR, India

5. Tree Topology and Secure Multi Branch Computation Protocol in Distributed Partitioned Databases, VIMARSH 2013, CHOUKSEY ENGINEERING COLLEGE, BILASPUR, India

6. An Innovative Techniques for Image Clipping, VIMARSH 2013, CHOUKSEY ENGINEERING COLLEGE, BILASPUR, India

7. Survey on Cloud Computing Models with the help of Distributed Database, VIMARSH 2013, CHOUKSEY ENGINEERING COLLEGE, BILASPUR, India

Communicating with International Journal

1. "Privacy Preservation Transformations in Data-Intensive Distributed Environment with Association Rule Mining and Chi Square Techniques" European Journal of Information Systems.

2. "DISTRIBUTED SECURE SUM MULTI PARTY ALGORITHM FOR HORIZONTAL PARTITIONED CLOUD DATA INTENSIVE ENVIRONMENT" Journal of Enterprise Information Management.

3. Hash Based Rule Mining Algorithm in Data-Intensive Homogeneous Cloud Environment Medwell Journals.

4. Confidentiality Preservation in Rule Mining Techniques with Wireless and Wired Distributed Medium SNDS-2014.

5. A shallow parser based Hindi to Odia Machine Translation System", **IEEE Journal**, African Journal of Computing & ICT, Vol 6. No. 2, June 2013.

Books and Chapters

1. "Introduction of graph Theory" Communicating with the Vikash Publication, Bangalore, India.

2. "Turing Machine Concepts" Communicating with the LAP LAMBERT Academic Publishingisatrademarkof: OmniScriptumGmbH&Co.KGHeinrich-Böcking-Str.6-866121, Saarbrücken, Germany.

3. "Introduction of Data Mining Techniques" Communicating with PHI Publication, India.

Projects:
Design website for on-line access and maintenance of electricity, telephone bill.

Designed and developed a website (using **HTML, JavaScript, and PHP**) where all household bills such as electricity bills, telephone bills etc. can be maintained and paid.

Reverse Re-Engineering using Digital Signature

Seminar/ Delivered Presentation:

- **Web Database Security model.**
- **Educational Data Mining.**

Current Project:

Working on electric power transmission through wireless medium.

Certifications/ Training:
Successfully completed CCNA training.

Subjects of Interest:
Database, Data Mining, Distributed Database, Algorithms, Computer Network, Network Security, Cloud Computing.

Software Proficiency:
Operating System:-Windows XP/7

Programming Languages:-C, C++.
Others:-RDBMS, Web Technology.

PERSONAL PROFILE

Father Name: B. P. Agrawal
Date of Birth and Age: 10.10.1987
Gender: Male
Citizenship: Citizen of India.
Religion: Hindu.
Marital Status: Single
Permanent Address: In front of Mandi Gate AIT, JALAUN, UTTAR PRADESH-285201, INDIA
Email Id:raghvendraagrawal7@gmail.com, raghv1987@gmail.com
Languages known: English and Hindi

References:
DR. P.K.Patanaik Prof KIIT University, Bhubaneswar, Odisha-751024, INDIA.
Ms. Jayanti Dansana, Asst. Prof. KIIT University, Bhubaneswar, Odisha-751024, INDIA.
Mr. Anuj Kumar Dwivedi, Asst. Prof. Ajay Kumar Garg Engineering College, Ghaziabad, U.P., INDIA

I certify that the information given above is true, complete and correct to the best of my Knowledge and belief.

Place: Raghvendra Kumar

Date: (Signature)