

Curriculum Vitae

Shaheed Bhagat Singh Nagar,
St.No-1, Abohar Bypass Road,
Sri Muktsar Sahib (Panjab), INDIA
Mobile No.: 9915397896

Dr. Rupinderpal Kaur

Personal Profile

Date of Birth : 19th June, 1984
Language Known : Punjabi, Hindi, English
Hobbies : Reading literature, Travelling

Designation

Working as an Assistant Professor in Dept. of Computer Science of a very prestigious college of Malwa region, **Guru Nanak College for girls, Sri Muktsar Sahib**. College runs under the management of **SGPC, Sri Amritsar**.

Academic Qualification

- Ph.D in Computer Science and Applications from **Panjab University, Chandigarh**.
- M.Phil in Computer Science and Applications from **Chaudhary Devlal Univ., Sirsa**
- M.Sc in Information Technology (IT) from **Panjab University, Chandigarh**.
- Bachelor of Computer Applications (BCA) from **Panajb University, Chandigarh**.

Technical skills

- C, C++, Linux operating system, Web Programming, DBMS

Experience

- Presently working on senior scale as Assistant professor in Guru Nanak College for Girls, Sri Muktsar Sahib from July, 2008.
- One year ad-hoc experience in the same college, Guru Nanak college for Girls, Sri Muktsar Sahib

Research Publications

- Kaur, Rupinder pal. "STATISTICS OF CYBER CRIME IN INDIA: AN OVERVIEW." International Journal of Engineering and Computer Science 2.08 (2013).
- Kaur, Rupinder Pal, and Amanpreet Kaur. "Perspectives of Mobile Cloud Computing: Architecture, Applications and Issues." International Journal of Computer Applications 101.3 (2014).
- Kaur, Rupinder Pal " Big Data: architectures and issues" published in refereed international journal of Advance Research in Science and Engineering , Vol. 6, Issue No. 3, ISSN No. -2319-8354 , pp.- 378-382 (2017)
- Kaur, Rupinderpal, and Manish Kumar Jindal. "Problems in Making OCR of Gurumukhi Script Newspapers." International Journal of Advanced Research in Computer Science 7.6 (2016).
- Kaur, Rupinder Pal, and Manish Kumar Jinda. "A Survey on Newspaper Image Segmentation Techniques." International journal of Advance Research in Science and Engineering, Vol. 6(1), 1789-1797 (2017)
- Kaur, Rupinder Pal, and Manish Kumar Jindal. "Headline and column segmentation in printed Gurumukhi Script Newspapers." Smart Innovations in Communication and Computational Sciences. Springer, Singapore, 59-67 (2019)
- Kaur, Rupinder Pal, M. K. Jindal, and Munish Kumar. "Zone Segmentation of a Text Line Printed in Gurmukhi Script Newspaper." 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC). IEEE, (2018)
- Kaur, Rupinder Pal, Manish Kumar Jindal, and Munish Kumar. "Recognition of newspaper printed in Gurumukhi script." Journal of Central South University, 2495-2503 (2019)
- Kaur, Rupinder Pal, Munish Kumar, and M. K. Jindal. "Newspaper text recognition of Gurumukhi script using random forest classifier." Multimedia Tools and Applications, 1-14. (2019)
- Kaur, Rupinder Pal, Munish Kumar, and M. K. Jindal." TxtLineSeg: Text Line Segmentation of Unconstrained Printed Text in Devanagari Script." In proceedings of computational methods and data engineering(Springer), Accepted
- Kaur, Rupinder Pal, Munish Kumar, and M. K. Jindal. "Feature extraction and classification techniques evaluation on recognition of newspaper text printed in Gurumukhi script". International Conference on Machine Intelligence and Data Science Applications (MIDAS, 2020), Springer, Communicated
- Kaur, Rupinder Pal, Munish Kumar, and M. K. Jindal. " A hybrid technique for text and graphics segmentation of newspaper printed in Gurumukhi script", The visual computer, Springer, communicated
- Kaur, Rupinder Pal, Munish Kumar, and M. K. Jindal. "Newspaper Text Recognition of Non-Indic and Indic Scripts: A Survey," Artificial Intelligence Review, communicated

- Kaur, Rupinder Pal, Munish Kumar, and M. K. Jindal .“Proposed Algorithms for Line Segmentation of Newspapers Printed in Gurumukhi Script,” Soft Computing, Springer, Communicated

Papers Presented

- Paper presented in PTU sponsored national conference on topic “Cloud Computing” on 31st March, 2012 at Gujranwala College, Ludhiana.
- Paper presented in International conference ‘Regicon -15’ on topic “Review of Techniques for making OCR of Gurumukhi script Newspaper” on 18th Sep, 2015 at Dept of comp.sc. Punjabi university, Patiala.
- Paper presented in CDC sponsored seminar on “A study on E-learning, needs and issues” on 24th Feb, 2016 at JD institute of management and technology, Muktsar.
- Paper presented in UGC sponsored national conference on topic “BIG DATA- Frontiers of next generation” on 5th March, 2016 at DAV college for women , Ferozpur.
- Paper presented in CDC sponsored national seminar on topic “NAAC Accreditation – methodology, process and problems” on 29th March 2016.
- Paper presented on topic “problems in making OCR of Gurumukhi Script Newspapers” in international conference on “Recent trends in computer science” on 22 August ,2016 at Guru Nanak college, Budhlada.

Other Activities and Duties

- Active reviewer of IGI global books
- Acted as superintendant and deputy superintendant in Panjab university examinations held at different times.
- Member of subject expert team in interviews for the posts of computer science and applications at Govt. College, Muktsar.
- Delivered a guest lecture on scope and future of information technology to students of +2 at Govt. Girls School, Sri Muktsar Sahib.
- Acted as a member of flying squad in the secondary school examinations being appointed by Chairperson, Punjab School Education Board, Mohali.
- Acted as member of verification team to verify post metric scholarship forms of five different colleges.
- Member of organizing committee for B.ed enterances exams held in college campus.
- Programm Officer, NSS, Guru Nanak college for Girls, Sri Muktsar Sahib

- In charge, Aishe Portal, Guru Nanak college for Girls, Sri Muktsar Sahib
- In charge, NIRF portal, Guru Nanak college for Girls, Sri Muktsar Sahib
- Member, SSS committee, Guru Nanak college for Girls, Sri Muktsar Sahib
- Member, Scholarship committee, Guru Nanak college for Girls, Sri Muktsar Sahib