

Curriculum Vitae

Dr. Harinder Kaur

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PERMANENT ADDRESS:

**House no 28, Bhagwati Enclave,
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Punjab 151001**

Present Address :

**House no 28, Bhagwati Enclave,
Multania Road Bathinda.
Punjab 151001**

CAREER OBJECTIVE

With passion for both written words and teaching, Would like to use my lively and energetic attitude in teaching students in order to explore and share my little knowledge among them. Seeking a position to utilize my skills and abilities in an organization that offers professional growth & development. To work in dynamic environment which offerplentifullatitude to amplify my learning curve.

EDUCATION

- PhD in Mathematics, secured 70% in course work
My topic is "**Fingerprint Recognition using moments and transforms**" from Sri Guru Granth Sahib World University, Fatehgarh Sahib(Punjab)(Aug 2021)
- M.Sc.Mathematics and Scientific Computing secured 70%, from National Institute of Technology, Allahabad(2012)
- B.Ed Secured 77% from Punjabi University Patiala(2013)
- B.Sc. Mathematics, Statistics and Computer Science secured 70%from Punjabi University Patiala (2010)
- 10+2 secured 63%from Punjab School Education Board (2006)
- 10thsecured 72% from Punjab School Education Board (2004)

EXTRA CURRICULAR

- Particiapted in the "Gidha" at Punjabi University Patiala
- Participated in the Rangoli Making, Food Carnival, Competition and has won a first position in flower arrangement competition at National Institute of Technology, Allahabad .

List of Publications

SCI Journals

1. H.Kaur, H.S.Pannu, "Zernike Moments Based Fingerprint Recognition using Weighted Support Vector Machine", Modern Physics Letter B, ISSN 0217-9849, vol. 33, no. 21, pp. 1-22, July 2019.
2. H.Kaur, G.Kaur and H.S.Pannu, " Novel Similarity Measure Based Random Forest for Fingerprint Recognition using Dual-Tree Complex Wavelet Transform and Ring Projection", Modern Physics Letter B, ISSN 0217-9849, vol. 34, no. 2, pp. 1-16, December 2019.

International Journals

3. H.Kaur, H.S.Pannu, "Comparative Analysis by Moments on Fingerprint Recognition", International Journal for Multi-Disciplinary Engineering and Business Management, ISSN 2348-2249, vol. 6, no. 2, pp. 1-7, April 2018.
4. H.Kaur, "An efficient fingerprint recognition system using generic orthogonal moments ", International Journal of Scientific Engineering and Applied Science, ISSN 2395-3470, vol. 7, no. 5, pp. 127-151, May 2021.

Papers in Conference Proceedings

5.A.Prashar, H.Kaur, R.Upneja, “Orthogonal Radial Moments, Transforms, and Their Applications”, International Conference of Technology, Management and Social Sciences, ISSN 2229-6913, no. ICTMS-15, pp. 47-53, December 2015.

6. A. Prashar, H. Kaur, “Role of Mathematical Moments and Transforms in Medical Sciences”, National Research Scholars Meet on Current Trends and Challenges, In Interdisciplinary Research, pp. 1-11, February 2020.

7.H.Kaur, “Comparative Analysis by moments on fingerprint Recognition”, International Conference on Education, Humanities, Business Management, Engineering, Science and Agro – Ecology, p- ISSN 2393-9907, e-ISSN: 2393-9915; Volume 6, Issue 1; pp. 55- 59, January-March, 2019.

Experience

**Assistant professor in Guru Nanak College Sri Muktsar Sahib in
Mathematics Department**

From 20 Sep. 2021 to 31 May 2022

PERSONAL PROFILE:

Father's name : Piara Singh

Mother's Name : Karnail Kaur

Date of Birth : 9 Aug 1989

Nationality : Indian

Marital Status : married

Gender : Female

KEY SKILLS AND ATTRIBUTES

- **Hardworking**
- **Quick learner**
- **Positive Attitude**
- **Cooperative**
- **Adaptable**

COMPUTER PROFICIENCY

Microsoft Office Word, Microsoft Office Excel, Microsoft Office PowerPoint etc.

HOBBIES

Literature, watching Documentaries, Gidha, Travelling.

DECLARATION

I hereby certify that all the information mentioned above is true to the best of my knowledge and belief.

Date: 09-02-2023

Karnail Kaur