

Mr. Biswajit Kar, PhD candidate

Ichapur (Purbapara), P.O-Santragachi,
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OBJECTIVE

To pursue a full time R&D position in instrumentation, signal and image processing.

Area of Interest: Biometric Authentication, Pattern Recognition, Digital signal and Image processing, Industrial Instrumentation

SUMMARY

- 4 years of teaching experience as **Assistant Professor** in Department of Instrumentation & control, HIT, Haldia.
- 4.5 years academic research experience as **Research Associate** in Electrical Engineering Department, IIT Kharagpur.

ACADEMIC QUALIFICATION

PhD in Electrical Engineering Department, IIT Kharagpur. Thesis: "Online Signature Verification and Classification"	April 2013
M. Tech in Electrical Engineering (Specialization-Instrumentation) from IIT, Kharagpur with first class [CGPA 8.59/10].	June, 2004.
B. Tech in Instrumentation Engineering done Under Vidyasagar University with first class [76%]. Last five Semester [82.7%].	May, 2002
HS (10+2) passed with first class [70%], Science [78.3%] under the West Bengal Council of Higher Secondary Education in 1997.	1997
Secondary passed with first class [72.9%], Science [86.3%] under the West Bengal Board of Secondary Education in 1995.	1995

ACHIEVEMENTS

- JEXPO 1998 (Engineering): State Rank 14th.
- GATE, 2002 (Instrumentation): Percentile 99.49 and AIR rank 0014

TEACHING (Theory and Laboratory)

1. Digital Signal Processing.	6. Industrial Instrumentation II Lab.
2. Digital Electronics and Integrated Circuits.	7. Basic Electrical & electronics Lab.
3. Industrial Instrumentation II.	8. Digital Signal Processing Lab.
4. Basic Electrical and Electronics I and II.	9. Mentoring Students of undergraduate and postgraduate for their project.
5. Data Communication and Telemetry.	

COMPUTER SKILLS

Computer languages	MATLAB, C, Assembly Language (8085, 8086)
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PERSONAL INFORMATION

Father's Name	Mr. Shyama Pada Kar
Date of Birth	11 th October, 1979.
Sex	Male
Marital Status	Married
Nationality	Indian
Category	General

OTHER INFORMATION

M. Tech Thesis	“Simulation and Controller Design of a See Sow Bioreactor”.
B. Tech. Thesis	“General Industrial Process Controller”.
Industrial Training	ER&DCI, Calcutta Unit, Duration two months.
Languages Known	English, Hindi, Bengali, German.
Hobbies	Playing Volley Ball.

LIST OF PUBLICATION**Journal**

Biswajit Kar and Pranab K. Dutta, 2012. SVM based signature verification by fusing global and functional features. International Journal of Computer Applications 60 (16), 34 – 39.

Conference Proceedings

Biswajit Kar, P. K. Dutta, T. K. Basu, Claus VielHauer, Jana Dittmann . DTW Based Verification Scheme of Biometric Signatures. In: Proceedings of the IEEE ICIT 2006, Mumbai. pp. 381-386.

Biswajit Kar, Bollaipalli Kartik, and Pranab Kumar Dutta. Speech and Face Biometric for Person Authentication. In: Proceedings of the IEEE ICIT 2006 International Conference on. pp. 391-396.

H A. Patil, D Prakash, Bikas Kar, B. Bhatta **Biswajit Kar**, and T.K.Basu. Corpora for Speaker Recognition Research and Evaluation in Oriya. In: Proceedings of the IEEE ICIT 2006 International Conference on. pp. 2217-2222.

Biswajit Kar, Devesh Katiyar & P. K. Dutta. Digital Watermarking of Biometric Signatures. In: International conference on image processing, Computer Vision and Pattern recognition, IPCV' 07. pp. 130-136.

Biswajit Kar, Sandeep Bhatia & P. K. Dutta. Audio -Visual Biometric Based Speaker Identification. International Conference on Computational Intelligence and Multimedia Applications – 2007 ICCIMA'07.

Book Chapter: New Advances in Multimedia Security, Biometrics, Watermarking and Cultural Aspects.

Biswajit Kar, Devesh Katiyar, P. K. Dutta & T. K. Basu. Verification and Watermarking Schemes of Biometric Signature. pp. 077-097.

REFERENCES

Prof. P. K. Dutta

Department of Electrical Engineering, IIT Kharagpur, Kharagpur-721302, India
Phone: 03222-283054, Email: pkd@ee.iitkgp.ernet.in, pkd14000@yahoo.co.in

Declaration: I hereby declare that the information provided above is in accordance to the best of my knowledge and belief.

Date:

Place:

Biswajit Kar