

Dr Sunil Kumar

Designation: Associate Professor

Qualification: Ph.D., M.Tech. B.Tech.

Specialization: Microprocessors and controllers, Digital Design, Image Processing

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Education

Ph. D. in Image Processing in 2012

Masters in ECE in 2003

Bachelors in ECE in 1991

Research Interest

Image Processing

Publications

International Journals: 07

National Journals: 0

International Conferences: 3

National Conferences: 02

Selected Papers

- [1].Sunil Kumar, S. Gopinath, Satish Kumar and Rajesh Chhikara “Text Graphics Segmentation in Hindi Documents” Int. J. of Recent Trends in Engineering and Technology, Vol. 4, No. 4, Nov 2010© 2010 ACEEE Publisher Association of Computer Electronics and Electrical Engineers (ACEEE) USA (a division of IDES)
- [2].Sunil Kumar, Gopinath S, Satish Kumar and Rajesh Chhikara “Use of Splines in Handwritten Character Recognition” International Journal on Computer Science and Engineering Vol. 02, No. 07, 2010, 2421-2426, Published by: Engg Journals Publications, Singapore.
- [3].Sunil Kumar and S. Gopinath “Two Phase Data Reduction for Hough Transformation to Detect Skew” Sunil Kumar et al. / International Journal on Computer Science and

Engineering (IJCSE) Vol. 3 No. 10 October 2011, Published by: Engg Journals Publications, Singapore

- [4].Sunil Kumar, S. Gopinath and Rita Chhikara “Skew Detection - A Survey” International Journal of Advances in Science and Technology, Vol. 4, No.4, 2012, Silicon Valley Publishers.
- [5].Rashmi Gupta, Sunil Kumar and Rajiv Kapoor “Implementation of Dimension Reduction Technique for Face Recognition” International Journal of Recent Trends in Engineering, Vol 3, No. 2, May 2010 ACEEE Publisher Association of Computer Electronics and Electrical Engineers (ACEEE) USA (a division of IDES)
- [6].Rajesh Chhikara, Sunil Kumar, Rita Chikara, Gopinath S. “Extraction of Text from Moving Vehicles” International Journal of Engineering and Innovative Technology (IJEIT) Volume 1, Issue 4, April 2012
- [7].Rita Chhikara, Sunil Kumar “Concealing Encrypted Messages using DCT in JPEG Images” International Journal of Electronics and Electrical Engineering, Volume 2 Issue 1, 2012
- [8].Rita Chhikara Sunil Kumar “Concealing Encrypted Iris Templates in Images using Quantized DCT Coefficients” IOSR Journal of Engineering Apr. 2012, Vol. 2(5) pp: 1007-1012.
- [9].Sunil Kumar, Rajesh Chhikara, Gopinath S, Rita Chhikara “ Contour-based shape representation and description techniques for 3D Objects” International Journal of Emerging Technologies in Computational and Applied Sciences (IJETCAS), IJETCAS 12-390; © 2013, IJETCAS

Books Published

- [1]. **Microprocessor 8085 and Its Interfacing** by Prentice Hall of India (PHI)
- [2]. **Microprocessor 8086 Architecture, Programming and Interfacing** by Prentice Hall of India (PHI)

Thesis Guided: 1(in progress)

Professional Membership: LMIETE, LMIE