

Dr. Divya Jain

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Areas of Interest: Fuzzy Sets and Fuzzy Logics, Intuitionistic Fuzzy Sets and Interval Valued Intuitionistic Fuzzy Sets

Brief Profile:

Dr. Divya has completed M.Sc and M.Phil. from Jiwaji University, Gwalior. She has completed the Ph.D on topic "On Generalized Fuzzy Information Measures and Fuzzy Clustering Techniques". Under the supervision of Prof. D.S.Hooda and Dr. Vipin Tyagi She has more than 10 years of teaching experience. She has guided three M.Phil thesis and one Ph.D. thesis, and at present she has been guiding one Ph.D Scholar. She has many research papers and attended many national and international conference and seminars. She is the life member of Indian Science congress association and Forum of Interdisciplinary Mathematics.

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Journal

(i) Vipin Tyagi and Divya Jain (2009), "Pattern Recognition Using Adaptive Dynamic Possibilistic Fuzzy Technique", International Systems of Fuzzy Systems and Rough Systems, Volume2, 45-52.

. (ii) D.S.Hooda and Divya Jain (2009), "Sub Additive Measures of Fuzzy Information", Journal of Reliability and Statistical Studies, Volume2, 39-52.

(iii) Vipin Tyagi and Divya Jain (2011), "Adaptive Dynamic Fuzzy K-mediod Pattern Recognition Technique", International Journal of Computer Applications, Volume29-No.2, 35-40.

(iv) D.S.Hooda and Divya Jain (2011) "Generalized R-norm Fuzzy Information Measures", Journal of the Applied Mathematics, Statistics and Informatics, Volume 7. No. 2, 35-42

(v) D.S. Hooda and Divya Jain, "Generalized Fuzzy Measures of Directed-Divergence Total Ambiguity and Information Improvement" (Communicated).

(vi) D.S.Hooda and Divya Jain, "Generalized R-norm Fuzzy Directed Divergence", (Communicated).

(vii) D.S. Hooda and Divya Jain, "On Fuzzy Matrix and Fuzzy Binary Relations Information Measures" (Communicated).

Conferences

- (i) Vipin Tyagi and Divya Jain (2007), "Pattern Recognition in Biometric Technologies", National Conference On Emerging Trends In Information Technology, NCETIT, Indore.
- (ii) Vipin Tyagi and Divya Jain (2008), "A Fuzzy logic based approach for Clustering and Compression of Image", II International conference on Information Systems Technology and Management (ICISTM -08), Dubai.
- (iii) Vipin Tyagi, Divya Jain and Sarika Sharma (2008), "Handwriting Recognition using Elementary Geometric and Algorithmic Techniques" , National Conference on Communication Systems and Networking (CSN-08), Guna.
- (iv) Vipin Tyagi and Divya Jain (2008), "Blending of Fuzzy Logic with Neural Networks", First International Conference of Gwalior Academy of Mathematical Sciences, 1 GAMS, Agra.
- (v) Arpit Jain, Vipin Tyagi and Divya Jain (2008) "Signature Verification Technique Using Feature Point Extraction", First International Conference of Gwalior Academy of Mathematical Sciences, 1 GAMS, Agra.
- (vi) Arpit Jain, Vipin Tyagi and Divya Jain (2008), "On Recognition of Handwritten Characters from Documents" First International Conference of Gwalior Academy of Mathematical Sciences, 1 GAMS, Agra.
- (vii) Vipin Tyagi and Divya Jain (2009), "Dynamic Fuzzy Pattern Recognition" National Conference on Recent Development in Applied Mathematical Sciences and Engineering at Jalpaigudi Govt. Engg. College, West Bengal.
- (viii) Vipin Tyagi and Divya Jain (2009), "Clustering of Human Development Index of the Countries Using Adaptive Dynamic Possibilistic Fuzzy Technique", IMST-FIM16 at JUIT, Wajnaghat.
- (ix) D.S.Hooda and Divya Jain (2010), "Generalized Fuzzy Measures of Directed-Divergence Total Ambiguity and Information Improvement", 97th Indian Science Congress held at University of Kerala, Thiruvananthapuram.