

ISSN 0975-539X

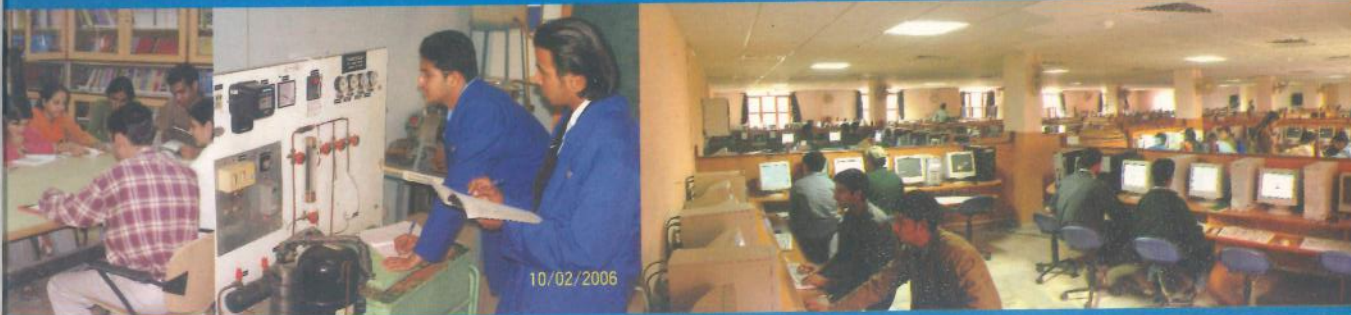
# Lingaya's Journal of Professional Studies

The Journal of Interdisciplinary Approach

AYA'S  
U P  
o know

h Human touch"

Volume: 3, Number: 2, January to June 2010



## Lingaya's University

(Deemed to be University u/s 3 of UGC Act 1956)  
Nachauli, Jasana—Old Faridabad Road, Faridabad – 121002  
Ph. No. 0129-3064500-05, Fax : 0129-5202615  
[www.lingayasgroup.org](http://www.lingayasgroup.org) • [www.lingayasuniversity.edu](http://www.lingayasuniversity.edu)

# Lingaya's Journal of Professional Studies

*The Journal of Interdisciplinary Approach*

## Chancellor

Honourable Prof. G. V. K. Sinha Gadde

## Chief Editor

Dr. S. Mukhopadhyay (Pro Vice-Chancellor)

## Coordinator

Dr. R. N. Malviya (Librarian)

Dr. Pratap Singh (Director)

Dr. S. C. Parti (EEE)

Dr. S. V. A. V. Prasad (ECE)

Dr. Harbhajan Singh (Mathematics)

Dr. U. S. Bhardwaj (English)

Dr. S. C. Manchanda (MBA)

## Chief Patron

Dr. K. K. Aggarwal

## Managing Editor

Dr. Picheshwar Gadde (Pro Chancellor)

## Editorial Board

Dr. T. V. Prasad (CSE)

Dr. M. Madan (CSE)

Dr. B. L. Raina (IT)

Dr. Des Raj Chawla (ME)

Dr. Amita Tayal (Chemistry)

Dr. B. K. Sharma (Physics)

Dr. Reva Raina (Education)

Ms Ruchi Saxena (Civil)

Ms. Anjali Jain (EE)

Ms G. R. Vedavathi (ECE)

## Advisory Board

Prof. Bhim Singh (Indian Institute of Technology, New Delhi)

Prof. A. P. Mittal, Netaji Subhash Institute of Technology, Azad Hind Fauz Marg, Sector-3, Dwarka, New Delhi 110 078

Prof. R. C. Sharma, Dean (IC), Delhi Technological University, Shahbad Daultpur, Main Bawana Road, Delhi - 42

Prof. K. Subramanian, Director & Professor, Advanced Center for Informatics & Innovative Learning, IGNOU EX-DDG (NIC), Min. of C & IT & IT Adviser to CAG India.

Prof. J. N. Gautam, (Dean, Jiwaji University, Gwalior,

Prof. N. K. Dash, Professor of Education, School of Education, IGNOU, New Delhi. 68

Prof. P. K Aggrawal, IILM-AHL, Plot No. 17 - 18, Knowledge Park-II, Greater Noida.

Prof. A. K. Saran, Professor, Public Finance & Economics, Coordinator - PGDBF, National Institute of Financial Management, Faridabad

Prof. Madasu Hanumandlu, Indian Institute of Technology, New Delhi

Prof. V. N. Shukla (Director, CDAC - Noida)

Prof. A. N. Srivastava, Director, Lingaya's Lalita Devi Inst. Of Management & Science, Mandi Road, Delhi

Prof. Sunil Pandey, Fellow, Centre for Environment Studies, The Energy Resources Institute (TERI), New Delhi

Dr. S. B. Bhanu Prashanth, Professor in Electronics & Communication. B N M I T., BSK-2 Stage. Bangalore-70

Dr. Vinod Dumblekar, Director IAMT, Ghaziabad. U.P. 201 009,

Dr. K. Mustafa, Head -Department of Computer Science, Jamia Millia Islamia (Central University), New Delhi-110025

Prof. Avinash C. Sharma, Professor of Physics and Director, Academic Affairs, GGS Indraprastha University, Kashmere Gate, Delhi-110 403

Prof. J.-K. Quamara, Department of Applied Physics, National Institute of Technology, Kurukshetra-136 119

# LINGAYAS JOURNAL OF PROFESSIONAL STUDIES

Volume -3,

Number - 2

Jan. -June 2010

## Contents

No.	Page No.
Impact of Data Mining Tools & Techniques for Different Types of Datasets M. Natarajan	1 - 7
Topic Map: An Ontology Framework for Information Retrieval Rajkumar Kannan	8 - 11
Analysis of Single Pressure Combined Cycle Power Plant with Change in Gas Turbine Operating Parameters Nikhil Dev	12 - 16
Vortex Induced Vibrations for Aquatic Clean Energy (VIVACE) Udit Dureja	17 - 21
Performance analysis (Sensitivity based) of Wind turbine Generator in Distribution system Aseem Chandel, Manoj Fozdar & D. Singh	22 - 27
Methods for Evaluation of Available Transfer Capability - An Overview Renu Thakur & Anuj Bhateria	28 - 34
Does an LMS Help in Teaching-Learning, Knowledge Management and Storage? Sumita Sarkar	35 - 46
A Study of Knowledge Management among Faculty Members at MIT Pune Vishwas Wadekar & Aparna Dighe	47 - 52
Measuring Semantic Similarity between Words using Precompiled Databases Sheetal A. Takale & P. J. Kulkarni	53 - 58
Abnormal Gait Recognition Brijesh Kumar, Naveen Rohila & Naresh Chauhan	59 - 67
Fuzzy Optimization: Applications in Power Systems Dipti Mohan & G. M. Tayal	68 - 75
Shadow Detection of Static and Moving Images Using RGB Tricolor Model Garima Vyas & Rakhi Dua	76 - 84
Sex Education: Present Scenario. A.N. Malviya	85 - 89
Performance of Mutual Funds Schemes: Comparative study of Public and Private Assets in Management Companies Garima Mathur, Pushpa Negi, Silky Vigg & Rinku Sarawagi	90 - 99
Relationship Between Advertising, Brand personality and Buying Decisions -A Case Approach Shruti Jain & Kriti Swarup,	100 - 108
Emerging role of Human Resource Department in Economic Meltdown -A Restructuring Perspective with Reference to BPO Industry" Vijit Chaturvedi	109-116
Technical Journal Paper -III Analysis of Interface Stresses on Circular Excavation Using Finite Element Method on Consolidated Clay and Methodology For Supporting of Interface Stresses With Circular Concrete Filled Steel (CFT) Structure and Its Verification By Flitched Beam Theory (FBT). Sanjay Gupta	117 - 120