



UNIVERSITY OF CALCUTTA FACULTY ACADEMIC PROFILE/ CV

Full name of the faculty member: Krishna Kundu
Designation: Professor & Head.Dept. of Applied Mathematics, C.U
Specialisation : Advanced Computer Science & Cybernatics,Water Waves ,Operations Research.

Contact information :
6, Bakul Bagan Road . Kolkata- 700025.
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Academic qualifications :

College/ university from which the
deegree was obtained

Abbreviation of the degree

C alcutta University
Calcutta University

M.Sc
Ph.D

Positions held/ holding: Held the post of Chairman of West Bengal Regional School Service Commission(Southern Region) during 2002-2008.

Research interests:

Automata theory, Formal Concept Analysis, Fuzzy Concept Analysis.

Research guidance:

Number of researchers pursuing M.Phil/ Ph.D : One

Select list of publications:

a) Journals:

1. P. Ghosh, K. Kundu, D. Sarkar, "Fuzzy graph representation of a fuzzy concept lattice ", Fuzzy Sets and Systems,161 (2010) 1669-1675.

2. P. Ghosh, K. Kundu, "An Algorithm for fuzzy concepts Using Graph", Math-ware and soft computing, 17 (2010) 27-38
3. P. Ghosh, K. Kundu, "Proto-fuzzy Concepts Generation Technique Using Fuzzy Graph", Springer Proceedings in Mathematics and Statistics 125(2015).
4. P. Ghosh, K. Kundu, "Rules for Computing Fixpoints of a Fuzzy Closure Operator", Annals of Fuzzy Mathematics and Informatics (accepted).

Membership of Learned Societies: Calcutta Mathematical Society

Invited lectures delivered :

Delivered lecture in the Refresher Course in Mathematics held in the Department of Applied Mathematics, University of Calcutta during July, 2014.

Delivered lecture in the Short Term Refresher Course in Mathematics for the senior College and University teachers held in the Department of Applied Mathematics, University of Calcutta during February 2012.

Delivered lecture in the Refresher Course in Mathematics held in the Department of Applied Mathematics, University of Calcutta during August, 2012.

Delivered lecture in the Refresher Course in Mathematics held in the Department of Applied Mathematics, University of Calcutta during August, 2010.

Awards:

Other notable activities : Organized A Compact Course on "Manifold Theory" for M.Sc students in the Department of Applied Mathematics in collaboration with Ramanujan Mathematical Society during July 2015.