

Name : *Dr. S. Somasundaram*

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Academic Record :

B.Sc	M.K. University	1980	93%, 1 st Rank in Univ.
M.Sc	M.K. University	1982	82%, 2 nd Rank in Univ.
Ph.D	I.I.T. Kanpur	1989	C.P.I 10 out of 10 in the 1 st year course work.

Title of Ph.D Thesis : An Harmonic Analysis for Operators

Post-doctoral positions held :

- (a) Senior Research Assistant at I.I.T., Kanpur from January to June 1989.
- (b) Visiting Scientist at I.S.I., Bangalore from Oct.1989 to June 1991.
- (c) Visiting Mathematician at I.C.T.P., Trieste, Italy from July1991 to July 1992.
- (d) NBHM Post-doctoral Fellow at I.M.Sc, Chennai from Aug.1992 to Oct.1992.

Present Position : Joined Manonmaniam Sundaranar University in Nov. 1992;
Presently, Professor and Head of the Department of Mathematics.

Research Interest : Harmonic Analysis, Fixed Point Theory and Applications, Graph Theory.

Research Guidance : Ph.D completed : 8, Post Doctorate (ongoing) : 1
Ph.D ongoing : 4, M.Phil : 3 students are guided every year.

Publications : National – 24, International – 19

Research Projects :

Title of the project	Name of the Funding agency	Duration
Graphs and partially ordered sets	UGC (Minor research project)	2 years
Design and implementation of a New Class of Nonlinear Filters in 2D Signal/Image Processing. (ongoing)	Naval Research Board, Ministry of Defence. Amount : Rs. 34.84 lakhs (As Co-Principal Investigator)	3 years
Domination in Cayley Graphs (ongoing)	DST, Amount : Rs. 7,72,800/- (As Co-Principal Investigator)	3 years
UGC Special Assistance Programme (ongoing)	UGC, Amount : Rs.22.25 lakhs (As Deputy Co-ordinator)	5 years
Data mining to predict financial markets using quantitative analysis (ongoing)	MoneyTick, Inc, USA , Amount : Rs. 15.90 lakhs (As Principal Investigator)	2 years
Dr.D.S.Kothari Post doctoral Fellowship to work in Fixed Point Theory (ongoing)	UGC (As mentor for a post-doctoral fellow)	3 years

Of Special Mention :

- (a) Resident Faculty of Mathematical Training and Talent Search programme conducted by National Board of Higher Mathematics, India every year at national level
- (b) Won “The Academic Excellent Award” from Manonmaniam Sundaranar University, Tirunelveli in 2009