

**Profile of Dr. K. Thangavel,**  
**Professor and Head,**  
**Department of Computer Science,**  
**Periyar University, SALEM-11.**  
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Qualifications	: M. Sc., M. Phil., P.G.D.C.A., Ph. D., M. C. A.,
Title of Ph. D thesis	: On Efficient Algorithm for Optimization Problems.
M. Sc (Mathematics)	: 1986-Bharathidasan University, Tiruchirappali.
M. Phil	: 1987-Bharathidasan University, Tiruchirappali.
P.G.D.C.A	: 1988-Bharathidasan University, Tiruchirappali
Ph. D	: 1999-Gandhigram Rural University, Gandhigram.
M. C. A	: 2001 Madurai Kamaraj University, Madurai.
Teaching experience	: 24 years
Research experience	: 26 years
Career started in the year	: 1989

As Lecturer in Mathematics, Gandhigram Rural Institute, Gandhigram from 1989 to 1999  
As Reader in Mathematics, Gandhigram Rural Institute, Gandhigram from 1999 to 2006  
As Professor of Computer Science, Periyar University, Salem from February 2006 to till date

Areas of interest: Data Mining, Image Processing, Soft Computing, Bio-Informatics  
Optimization Algorithms and Pattern Recognition

No. of Ph. D degrees awarded	: 16
Number of Ph. D theses submitted	: 01
Number of Ph. D Research scholars Registered	: 10
No of M. Phil degrees awarded	: 14
Number of Research Papers published in International Journals	: 122
Number of Research Papers Published in National Journals	: 72
Papers Presented in International Conferences	: 15
Number of Books edited	: 3
Number of International Conferences Organized	: 1
Number of National Conferences organized	: 5
Number of National Seminars organized	: 1
Number of Research Workshops organized	: 5
Number of Research Projects Completed	: 3
Number of Refresher courses organized	: 2

**Awards:**

Awardee of Tamilnadu State Science Scientist Award (TANSA) award for the year 2009

Awardee of Sir C.V.Raman award for the year 2013 Instituted by Periyar University, Salem.

**Research Projects:**

<b>S. No</b>	<b>Financial support received</b>	<b>Title</b>	<b>Amount</b>	<b>Period</b>	<b>Status</b>
1	University Grants Commission – minor research project	Developing an efficient algorithm for solving Linear Fractional programming and Quadratic Programming problems using Fourier–Motzkin variable elimination method	Rs. 7,000	18-03-1995 to 17-03-1997 (Two years).	Completed and report submitted
2	University Grants Commission – minor research project	A study on Interior point methods for solving Optimization problems	Rs.30,000	09-4-1999 to 08-04-2001 (Two years)	Completed and Report submitted
3	University Grants Commission – Major Research Project	Motif Detection in Protein Sequences Using Data Mining	Rs. 7,46,800	01-02-2009 to 31-01-2012 (3 years)	Completed and Report submitted