# Dr. D.J.PRABHAKARAN
## Assistant Professor,  Department of Mathematics

Cellphone : 9444034287

e-Mail ID : asirprabha@yahoo.com

Address : 11/A LLR Apt. Mannady Othavadai St., Villivakkam
Chennai 600049

## Present Position

Assistant Professor, Department of Mathematics, Madras Institute of Technology, Anna University, Chennai from July-2004.

## Other Employment

- ➤ Lecturer, Dr.MGR Engineering College, Chennai for 1 year.

- ➤ Lecturer, PMR Institute of Technology, Chennai for 1 year.

## Degree

- ❖ M.Sc. in MATHEMATICS , Annamalai University, Annamalai University (1996 - 1998).

- ❖ B.Sc. in MATHEMATICS , Voorhees College, University of madras (1992 - 1995).

## Research Degree

- ❖ Ph.D. in Complex Analysis The Ramanujan Institute , University of Madras (1998 - 2002). Title: Some Applications of Differential Subordinations and Duality techniques for the study of certain integral Transforms in the field of Geometric Function Theory.

## Research Guidance

Number of Ph.D Scholars Guiding : 7

## Papers Published in Journals

Research Papers Published in International Journals      : 7
Research Papers Published in National Journals      : 2

1. R.Parvatham, D.J.Prabhakaran, " On the neighborhoods of the class R (alpha, A, B). ", Zesty Nauk. Politech. Rzeszowweskiej Mat., Vol. 24, pp. 13 (2000).

2. M.AnbuDurai, D.J.Prabhakaran, " On uniformly – close to – convex functions", Zesty Nauk. Politech. Rzeszowweskiej Mat., Vol. 24, pp. 10 (2000).

3. R.Parvatham, D.J.Prabhakaran, " On the Hohlo convolution operator of the class Sp", Far East Math.J, pp. 217-228 (2001).

4. R.Parvatham, D.J.Prabhakaran, "4. Some applications of differential subordinations", Kyungpook Math.J, Vol. 41, Issue 2, pp. 277-288 (2001).

5. " On certain integral transform of meromorphic starlike fuunctions,", The mathematics student, Vol. 72, pp. 187-195 (2003).

6. R. Balasubramanian , S. Ponnusamy and D.J.Prabhakaran, "Duality Techniques for certain integral transforms to be starlike", J. Math. Anal. Appl. , Vol. 293, pp. 355-373 (2004).

7. R. Balasubramanian , S. Ponnusamy and D.J.Prabhakaran, "Convexity of integral transform of function space", Integral Transform and Special functions , Vol. 18, pp. 1-14 (2007).

8. R. Balasubramanian , S. Ponnusamy and D.J.Prabhakaran, "On extremal problems related to integral transforms of a class of analytic functions", J. Math. Anal. Appl., Vol. 336, pp. 542-555 (2007).

9. K. Subathara, D.J.Prabhakaran and S.Rajasekaran, "9. Ruscheweyh integral transforms related to a subclass of spiral-like functions", Inter. J. Com. Math. Appl., Vol. 4, pp. 7-10 (2010).


## Books Published

1. "Enginnering Mathematics " authored by Dr.D.J.Prabhakaran, Dr.D.J.Prabhakaran and Jaheer and published by Pearson, Chennai.(2007)

2. "Enginnering Mathematics I" - 4th edition authored by Dr.D.J.Prabhakaran and published by Asir Amirtham Publication, Chennai.(2012)

3. "Transforms and Partial Differntial Equations" - 4th edition authored by Dr.D.J.Prabhakaran and published by Asir Amirtham Publication, Chennai.(2012)

4. "Enginnering Mathematics II" - second edition authored by Dr.D.J.Prabhakaran and published by Asir Amirtham Publication, Chennai.(2013)

## Invited Lectures

1. Delivered a Lecture on "Hypergeomrtric Functions and its impact on Geometr" in Workshop on Geometric Function Therory organized by Madras Christian College , Chennai (30-Mar-2010).

2. Delivered a Lecture on "Geometric Function Theory on Hypergeometric Functi" in One day National Seminar organized by Sri Vekateshwara College of Engineering, Chennai (26-Mar-2011).

3.  Delivered a Lecture on "Developments in Number Theory" in One day Seminar organized by School of Science, Tamil Nadu Open University, , Chennai (15-Mar-2013).