

### **Basic Details:**

- **Name:** Dr.S. Prema
- **Designation:**Assistant Professor
- **PhoneNumber:**044-43923067
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- **AreaorSubject:**Geometric Function Theory
- **Affiliation:** Department of Mathematics,  
Ramapuram Campus,  
SRM Institute of Science and Technology, Chennai- 600 089.

### **Educational Details:**

- **Degree, University, Awarded Year**
  - B.Sc Mathematics – Bharathi women's college, Madras University, Chennai–2002
  - M.Sc Mathematics – Bharathi women's college, Madras University, Chennai–2004
  - M.Phil Mathematics – Alagappa University–2008
  - Ph.D – Bharathiyar University-2018
- **Research Interests:** Complex Analysis, Geometric Function Theory

## Publications:

- B.Sruthakeerthi and **S.Prema**,” Coefficient problem for certain subclass of analytic functions using quasisubordination,- Global journal of science and frontier research, vol.13, issue1,2013, pp47-53.
- **S.Prema** and B.Sruthakeerthi,” Coefficient bounds for certain subclasses of Analytic functions- Journal of Mathematical Analysis, Volume4 Issue 1(2013), Pages22-27.
- **S.Prema** and B.Sruthakeerthi,” Coefficient Estimates for Certain Subclasses of Meromorphic Bi-Univalent Functions- The Asian International Journal of Life Sciences, Supplement14, No.1, pp. 181-192 (**SCI EXP**)
- **S.Prema** and B.Sruthakeerthi,” Coefficient Bounds for Certain Classes of Analytic Functions using Hankel Determinant”- International Journal of Pure and Applied Mathematics, Volume113 No.6, pp.1-8, 2017 (**Scopus**)
- B.Sruthakeerthi and **S.Prema**,” Coefficient Bounds for Certain Classes of Analytic Functions using Hankel Determinant”- International Journal of Innovative Technology and Exploring Engineering, Volume 8, No.10s, pp. 301307, Aug2019. (**Scopus**)
- **S.Prema** and P.Sumathi” Functions of Bounded Rotation Problems”-Journal of Physics Conference series, Volume1377, pp.1-7, Sep2019. (**Scopus**)
- P.Lokesh, B.Srutha Keerthi and **S.Prema**,” Coefficient Inequalities Using Lucas Polynomials”, Trukish Journal Of Computer Mathematics Education”. Vol 12 ,PP 5556-5562 April(2021) (**Scopus**)
- Makarand Upadhyaya and **S.Prema**,” Annals of R.S.C.B”-Vol 25, pp 1136-1146 May 2021. (**Scopus**)
- **S.Prema** and Bhuvaneshwari Raja,” Functions of Bounded Radius Rotation of Analytic Functions”- International Journal of Applied Mathematics and Statistical Sciences Vol 11 Issue 2 ,Aug2022, pp2319-3980.
- **S.Prema** and P.Lokesh, “Coefficient Problems in certain analytic functions using Hankel Determinant application”-AIP Conference Proceedings, 2718,050010,2023 (**Scopus**)
- P.Lokesh and **S.Prema**, “Quasi-Subordination for a Bazilevic Sakaguchi function associated with K-analogue of Bessel Function”-AIP Conference Proceedings, 2718,050007,2023 (**Scopus**)

## Academic Experience:

- Asst. Prof. , Ramapuram Campus, SRMIST, Chennai -89,  
From 14.08.2023 to till date.
- Asst. Prof. (SS.), Rajalakshmi Institute of Technology From 30.12.2020 to 10.08.2023,
- Asst. Prof. (Sr.G.), Ramapuram Campus, SRMIST, Chennai -89,  
From 18.06.2018 to 6.12.2019.
- Asst. Prof. (O..G.) , Ramapuram Campus, SRMIST, Chennai -89,  
From 05.09.2000 to 17.06.2018.
- Asst. Professor, S.k.R.Engineering College From 8-02-2010 to 28.07.2016
- Lecturer, T.J Institute of technology, from 25.6.2008 to 5.08.2009
- Lecturer, Sri Durga Devi Polytechnic College, From 8.11.2006 to 17.04.2008
- Lecturer, Sri Nallalaghupolytechnic college From 9.6.2005 to 6.11.2006.



**Some examples of standard faculty profiles from other institutions:**

- <http://isb.edu/faculty/facultydir.aspx?ddlFaculty=246>
- <http://engineering.stanford.edu/research/layout.php?sunetid=cfarhat>
- <http://public.tepper.cmu.edu/facultydirectory/FacultyDirectoryProfile.aspx?id=95>