

### **Basic Details:**

- **Name:** Dr. K.Ramachandran
- **Designation:** Assistant Professor
- **Phone Number:** 9566320640
- **Email ID:** [ramachak@srmist.edu.in](mailto:ramachak@srmist.edu.in)
- **Area or Subject:** Mathematics
- **Affiliation:** SRM Institute of Science and Technology, Department of Mathematics, Ramapuram Campus.

### **Educational Details:**

- **Degree, University, Awarded Year:**
  - B. Sc. – Pachaiyappa’s College for men, Kanchipuram, Madras University, 2003
  - M. Sc. – Pachaiyappa’s College for men, Kanchipuram, Madras University, 2006
  - M. Phil. – Alagappa University, Karaikudi, 2007
  - Ph. D. – Madras University, Chennai, 2021

### **Research Interests:**

Complex analysis  
Graph theory

## **Publications:**

1. On A Class Of Multivalent Starlike Functions With A Bounded Positive Real Part, K. R. Karthikeyan, K. Srinivasan and K. Ramachandran, Palestine Journal of Mathematics Vol. 5(1) (2016) , 59–64 , Palestine Polytechnic University-PPU 2014.
2. Some Classes of Multivalent Starlike Functions With Respect To Symmetric Conjugate Points K. R. Karthikeyan, K. Srinivasan and K. Ramachandran – General Mathematics , Vol.26, No. 1-2 (2018), 25-34.
3. On a certain of nonbazilevic function involving coefficient  $q$ - differential operator , K. R. Karthikeyan , K. Ramachandran and K. Srinivasan , International Journal of Innovative Technology and Exploring Engineering(IJITEE) 8 (2019), no. 7, 1131-1135.
4. On a class of starshaped functions of order using  $q$ -differential operator, International Journal Management ,IT and Engineering - K. Ramachandran and K. Srinivasan , Vol. 9 Issue 7, July 2019.
5. Total neighbourhood prime labeling on certain graphs S.sripriya and K. Ramachandran PMTIA 2019,IOP Publishing , Journal of Physics: Conference Series 1377 (2019) 012037,doi:10.1088/1742-6596/1377/1/012037.
6. SOME SUBCLASSES OF ANALYTICFUNCTIONS WITH RESPECT TO  $(j, k)$ -SYMMETRICAL POINTS K.Ramachandran and K.Ramamoorthy PMTIA 2019,IOP Publishing , Journal of Physics: Conference Series 1377 (2019) 012035,doi:10.1088/1742-6596/1377/1/012035.
7. Survey on Topological Indices of Armchair Polyhex Nanotubes, S.Sripriya and K.Ramachandran\* Indian Journal of Natural Sciences, Vol.13 / Issue 75 / December / 2022, ISSN: 0976 – 0997

## **Academic Experience:**

- Assistant Professor: SRM University, Chennai  
July 2013 to Till date
- Assistant Professor: DMI College of Engineering, Chennai  
Jan 2013 to May 2013
- Lecturer: Salalah College of Engineering, Oman  
October 2011 to June 2012
- Assistant professor: St. Joseph's College of Engineering, Chennai  
February 2010 to Sep 2011
- Lecturer: Arulmigu Meenakshi Amman Engineering College, Kanchipuram  
August 2007 to Jan 2010

**Other Details:**

**CSIR NET – Lectureship (2015)**

**CSIR-NET – JRF (2016)**

**Achievements and Awards:**

1. A text book of “Linear Algebra & Partial differential Equations “ for III semester B.E/B.Tech students( as per anna university new syllabus& regulations -2017) –First edition Aug 2018.
2. 5 NPTEL courses completed .

**Membership:**

Indian science congress

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