



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

An ISO 9001 : 2008 Certified Institution

Sai Leo Nagar, West Tambaram, Chennai - 44. www.sairamit.edu.in

## DEPARTMENT OF MATHEMATICS

Name : **Dr.K.CHANDRASEKRAN**

Designation : **Assistant Professor-III**

Email : chandrasekaran.maths@sairamit.edu.in

Qualification : M.Sc., M.Sc. (PSY), M.Phil. Ph.D.

Specialization : Mathematics (S&H) – Complex Analysis.

Research Interest : Complex Analysis, Hypergeometric Functions,



Number Theory.

Experience in years : Teaching UG  PG  Industry

No. of Workshop/Conferences/  
FDP attended : Workshop  Conferences  FDP

No. of Workshop/Conferences/  
FDP Organized : Workshop  Conferences  FDP

Professional Membership	<b>ISTE Membership: LM.63727, ISMAMS LM:304. IEEE No: 99449459</b>
Publications	<b>"Stale Function of Janowski Type "</b> Koneri Chandrasekran, Devasirvatham John Prabhakaran and Priyanka Sangal 2021, "Stable Functions of Janowski Type". Journal of Mathematical Inequalities, Vol. 15, no. 3, pp. 969-979, Impact Factor (2019): 1.219 (Q1). DOI:10.7153/jmi-2021-15-66.
Research Funded Projects	Nil
Patents	Nil
Achievements	<ol style="list-style-type: none"> <li><b>"Best Teacher Award"</b> during the Academic Year <b>2006-2007</b> in <b>SRR Engineering College, Padur</b> in Science and Humanities.</li> <li>The <b>Centum Result Award</b> in Science and Humanities-Mathematics during the Academic Year 2015-2016 at <b>JEPPIAAR SRR ENGINEERING COLLEGE, Padur, Chennai.</b></li> <li>University Level NSS Award <b>"Best NSS Programme Officer Award"</b> in <b>2019-2020</b> from <b>Anna University, Chennai.</b></li> </ol>

Any Other Information	Five <b>NSS SPECIAL CAMP</b> organized in 2 adopted villages and <b>Awareness programmes, Tree Plantation Programme and Blood Donation Campare</b> also organized.
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### List of Publications: -

1. **"Stale Function of Janowski Type** "Koneri Chandrasekran, Devasirvatham John Prabhakaran and Priyanka Sangal 2021, "Stable Functions of Janowski Type". Journal of Mathematical Inequalities, Vol. 15, no. 3, pp. 969-979, Impact Factor (2019): 1.219 (Q1). DOI:10.7153/jmi-2021-15-66.
2. **"On the study of an integral operator preserving meromorphic starlike functions"** (with Dr.D.J.Prabhakaran ) (To be submit).
3. **"Geometric properties of Clausen's Hypergeometric Function  ${}_3F_2(a, b, c; d, e; z)$ "** (with Dr.D.J.Prabhakaran) (To be submit).
4. **"Close-to-convexity properties of  ${}_3F_2(a, b, c; d; z)$ "** (with Dr.D.J.Prabhakaran) (To be submit).
5. **"New Hohlov Type Integral Operator involving Clausen's Hypergeometric Functions"** (with Dr.D.J.Prabhakaran) (To be submit).
6. **"Geometric Properties of  ${}_4F_3(a_1, a_2, a_3, a_4; b_1, b_2, b_3; z)$  Hypergeometric Functions"** (with Dr.D.J.Prabhakaran) (To be submit).
7. **"Convolutions with Generalized Hypergeometric Functions"** (with Dr.D.J.Prabhakaran) (To be submit).
8. **"Univalent Functions involving Generalized Hypergeometric Series"** (with Dr.D.J.Prabhakaran) (To be submit).

### List of Patent : Nil

### Workshop / Conferences / FDP Attended:-

1. Participated in the **Mathematics Colloquium**, conducted by **Anna University, Chennai**, during Jan 24-25, 2002.
2. Participated in the **International Workshop on Quasi-Conformal Mapping and its Applications**, conducted by **Indian Institute of Technology Madras, Chennai**, during Dec 26 2005 – Jan 1, 2006.
3. Participated in **International Conference on Geometric Function Theory, Special Functions and Application** conducted by **Bharathidasan Govt. College for Women, Pondicherry** and Forum D'Analysts, Chennai during Jan 2-5, 2006.
4. Participated in **National Conference on applied mathematics** in **B.S.A Crescent Engineering College, Vandalur**, during January 3 and 4, 2008.
5. Participated and presented a paper **"On the study of an integral operator preserving meromorphic starlike functions"** in National Conference on Engineering Oriented Mathematics at **SRM University** held on 29 and 30 January 2008.

6. Participated in ***International Conference Recent Trends in Mathematics and its applications*** in **Jamia Millia Islamia, New Delhi** held from March 30-31 2009.
7. Participated in ***International Conference on Ramanujan Discovered 2K9*** in **IIT-B, Bangalore** held from 1<sup>st</sup> June – 5<sup>th</sup> June 2009.
8. ***International Workshop on Harmonic and Quasi conformal mappings*** during August -09-17, 2010 conducted by **Indian Institute of Technology, Chennai**
9. Participated in ***Science and Engineering Research Council (SERC) School on Development and Transformation Theory of Ordinary and Basic Hyper geometric Series*** on May 16, 2011 – June 14, 2011. Organized by **Indian Society of Mathematics and Mathematical Sciences, GORAKHPUR.**
10. Participated in the National Conference **“On Ramanujan’s work in the field of hyper geometric Series and its Applications”**, during December 4 - 6, 2011 at T.D.P.G. College, Jaunpur, India.
11. Participated in One Day Workshop on ***"Fuzzy Logic & Queuing Theory"*** held on 20 April 2012 at **Sai Ram Institute of Technology**, West Tambaram, Chennai.
12. Participated in One Day Workshop using ***"SAGE for Engineering Mathematics"*** held on 28 April 2012 at VIT, Chennai.
13. Participated in National Workshop on ***"Statistical analysis and Its Interpretation using SPSS and SMOS"*** held during 7th & 8th December 2012 at **Indira Gandhi College of Arts and Science, Puducherry.**
14. Participated in the International Symposium ***"On Complex Analysis and Conformal Geometry"***, during December 28 - 30, 2013 at **IIT, Indore**, India.
15. Participated in the One Day Symposium ***"On Geometric Function Theory"***, on February 2015 at **Indian Statistical Institute, Chennai Centre**, Chennai.
16. Participated in the One Day Symposium ***"On Geometric Function Theory - III"***, on 26th 2016 at **Indian Statistical Institute, Chennai Centre**, Chennai.
17. Participate in a six-day ***"Faculty Development Training Programme on MA8551 Algebra and Number Theory"***, held during **10th June 2019 to 15th June 2019** at **Sai Ram Institute of Technology**, Chennai.
18. Participated in ***"Science & Engineering Research Council (SERC) School on Development and Transformation Theory of Ordinary and Basic Hypergeometric Series"*** on May 16, 2011 - June 14, 2011, conducted by **India Society of Mathematics and Mathematical Sciences.**

**Workshop / Conferences / FDP Organized: -**