

<b>Name:</b>  <b>Dr CHANDRASEKTRAN K</b>			
<b>Designation:</b>	<b>Assistant Professor-II</b>		
<b>Qualification:</b>	<u><a href="#">M.Sc.</a></u> , <u><a href="#">M.Sc.(PSY)</a></u> , M.Phil. Ph.D. SET2016		
<b>Area of specialization:</b>	Mathematics - Complex Analysis, Special Functions and Number Theory		
<b>Experience:</b>	<b>Industrial Experience</b>	<b>Teaching Experience</b>	
	<b>Nil</b>	<b>21 Years</b>	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>	<b>Number of FDPs</b>	
	<b>7</b>	<b>6</b>	
<b>Publications:</b>	<b>Conference</b>	<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>
	<b>3</b>	<b>2</b>	<b>-</b>
<b>Professional Body Membership</b>	<b>ISTE Membership: LM.63727, ISMAMS LM:304. IEEE No: 99449459</b>		
<b>Staff Achievements</b>	The <b>Centum Result Award</b> in Science and Humanities- Mathematics during the Academic Year 2015-2016 at <b>JEPPIAAR SRR ENGINEERING COLLEGE</b> , Padur, Chennai.		

### **Educational Qualifications:**

<b>Category</b>	<b>Name of the Degree</b>	<b>Specialization</b>	<b>Year of Passing</b>	<b>Name of the University</b>	<b>% of Marks / Grades obtained</b>	<b>Class obtained</b>
UG	B.Sc.,	Mathematics	2000	University of Madras	67	I
PG	M.Sc.,	Mathematics	2002	Anna University	63.8	II
	M.Sc.,	Psychology	2010	Tamil Nadu Open University	63	I
M.Phil.	M.Phil.	Mathematics	2007	Alagappa University	62	I
PhD	Ph.D.	Geometric Function Theory	2022	Anna University	-	-
SET/NET	SET2006	Mathematics Sciences	20016	Mother Theresa Women's University	190	-

### **Academic Experience:**

<b>Name of the College</b>	<b>Designation</b>	<b>Joining Date</b>	<b>Relieving Date</b>	<b>Experience</b>		
				<b>Years</b>	<b>Month s</b>	<b>Days</b>
Bharath Institute of Higher Education and Research	Lecturer	01-08-2002	03-08-2004	2	-	2
Jeppiaar SRR Engineering College	Assistant Professor	04-08-2004	01-01-2017	12	5	3
	Associate Professor	02-01-2017	13-04-2022	5	3	12
Bharath Institute of Higher Education and Research	Assistant Professor	27-10-2022	18-04-2023	0	5	23
Sri Sairam Institute of Technology	Assistant Professor	19-04-2002	30-06-2023	2	2	13
Sri Sairam Engineering College	Assistant Professor	01-07-2023	Til date	0	4	15
Total Service				22	7	8

**Anna University Research Supervisor Ref no:**

**Workshops/Seminars attended:**

1. 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.
2. *International Workshop on Harmonic and Quasi conformal mappings* during August - 09-17, 2010 conducted by Indian Institute of Technology, Chennai.
3. Participated in One Day Workshop on "Fuzzy Logic & Queuing Theory" held on 20 April 2012 at *Sai Ram Institute of Technology*, West Tambaram, Chennai.
4. Participated in One Day Workshop using "SAGE for Engineering Mathematics" held on 28 April 2012 at VIT, Chennai.
5. 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.

**FDP/STTP Attended:**

1. Participated in *Science and Engineering Research Council (SERC) School on Development and Transformation Theory of Ordinary and Basic Hypergeometric Series* on May 16, 2011 – June 14, 2011. Organized by Indian Society of Mathematics and Mathematical Sciences, GORAKHPUR.
2. 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.

**Symposium Attended:**

1. Participated in the *Mathematics Colloquium*, conducted by Anna University, Chennai, during Jan 24-25, 2002.
2. Participated in the International Symposium "On Complex Analysis and Conformal Geometry", during December 28 - 30, 2013 at *IIT, Indore*, India.

3. Participated in the One Day Symposium “*On Geometric Function Theory*”, on February 2015 at *Indian Statistical Institute, Chennai Centre*, Chennai.
4. Participated in the One Day Symposium “*On Geometric Function Theory - III*”, on 26th 2016 at *Indian Statistical Institute, Chennai Centre*, Chennai.

**Conference Attended:**

1. Participated in the 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.
2. Participated in the National *Conference on applied mathematics* in B.S.A Crescent Engineering College, Vandalur, during January 3 and 4, 2008.
3. 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.
4. Participated in the *International Conference Recent Trends in Mathematics and its applications* in Jamia Millia Islamia, New Delhi held from March 30-31 2009.
5. Participated in the *International Conference on Ramanujan Discovered 2K9* in IIT-B, Bangalore held from 1<sup>st</sup> June – 5<sup>th</sup> June 2009.
6. 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.

**Completed / Ongoing Projects:**

**Patent:**

1. “Real Time Fault Identification in Electric Vehicle Power Trains using Adaptive Neuro Fuzzy”, Application N0.202441086696 A, Indian Patent, Publication Date: 15/11/2024.
2. “Optimizing Electric Vehicle Production with Fourier Analysis and Laplace Transform”. Application No.202441058606 A, Indian Patent, Publication Date: 09/08/2024.

**Journal 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.**

**Books / Book Chapters:**

**Awards:**

1. University Level NSS Award “**Best NSS Programme Officer Award**” in **2019-2020** from **Anna University**, Chennai.
2. “**Best Teacher Award**” during the Academic Year **2006-2007** in **SRR Engineering College, Padur in Science and Humanities**

**Startup:**

**Webinar:**

**Resource Person:**

**Online Courses:**

1. **United Nations Sustainable Development Goals (UN SDGs) – NPTEL, 12 Weeks (Jan–Apr 2025), Elite + Silver**
2. **Business Intelligence & Analytics – NPTEL, 8 Weeks (Jan–Mar 2025), Pass**
3. **Advanced R Programming for Data Analytics in Business – NPTEL, 8 Weeks (Jul–Sep 2024), Elite**
4. **Introduction to Machine Learning – NPTEL, 12 Weeks (Jul–Oct 2024), Pass**
5. **Data Science for Engineers – NPTEL, 8 Weeks (Jul–Sep 2024), Elite**
6. **Probability for Computer Science – NPTEL, 8 Weeks (Jul–Sep 2024), Pass**
7. **Python for Data Science – NPTEL, 8 Weeks (Jul–Sep 2024), Elite**
8. **Foundations of R Software – NPTEL, 8 Weeks (Jan–Mar 2023), Elite + Silver**
9. **Ordinary and Partial Differential Equations and Applications – NPTEL, 12 Weeks (Jan–Apr 2023), Elite**

**Additional Course Details:** Certificate Course on **Panchayat Administration and Rural Development Schemes** conducted by **State Institute of Rural Development and Panchayat Raj**, Government of Tamil Nadu, Maraimalainagar, Tamil Nadu, **Certificate No.: 1503, Registration No.: MG. CC2025/19/03, Grade: A+**.