


<b>Name:</b>  <b>Dr CHANDRASEKRAN K</b>				
<b>Designation:</b>				
<b>Qualification:</b>	<a href="#">M.Sc.</a> , <a href="#">M.Sc.</a> (PSY), 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>	
	Nil		21 Years	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	7		6	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	3	2	-	1
<b>Professional Body Membership</b>	ISTE Membership: LM.63727, ISMAMS LM:304. IEEE No: 99449459			
<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:**

Category	Name of the Degree	Specialization	Year of Passing	Name of the University	% of Marks / Grades obtained	Class obtained
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:**

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
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 Hyper geometric 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 hypergeometric 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, Maraimalaiagar, Tamil Nadu, **Certificate No.: 1503**, **Registration No.: MG. CC2025/19/03**, **Grade: A+.**