


<b>Name:</b> <b>Dr CHANDRASEKRAN K</b>				
<b>Designation:</b>	<b>Associate Professor</b>			
<b>Qualification:</b>	<b>M.Sc., M.Sc.(PSY), M.Phil. Ph.D. SET2016, LMISTE, LMISMAMS</b>			
<b>Area of specialization:</b>	<b>Mathematics - Complex Analysis</b>			
<b>Experience:</b>	<b>Industrial Experience</b>	<b>Postdoctoral Experience</b>	<b>Teaching Experience</b>	
	<b>NIL</b>	<b>NIL</b>	<b>23 Years</b>	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	<b>8</b>		<b>2+9=11</b>	
<b>Publications:</b>	<b>Conferences</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	<b>3</b>	<b>2</b>	<b>-</b>	<b>1</b>
<b>Books / Book Chapters</b>	<b>NIL</b>			
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	<b>Published</b>	<b>Granted</b>	<b>Published</b>	<b>Granted</b>
	<b>2</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>
<b>Professional Body Membership</b>	<b>ISTE Membership: LM.63727, ISMAMS LM:304. IEEE No: 99449459</b>			

<b>Research</b>	<b>Vidwan ID : 415648</b> <b>Google Scholar ID : Ksgvj08AAAAJ</b> <b>Researcher ID : GNP-3759-2022</b> <b>Orcid ID : 0000-0003-0156-9947</b> <b>Scopus ID : NIL</b> <b>Anna University Guideship: NIL</b>
<b>Staff Achievements</b>	<ol style="list-style-type: none"> <li>1. NPTEL MOTIVATED LEARNERS</li> <li>2. NPTEL DOMAIN SCHOLAR in Data Science.</li> <li>3. COMPLETED SET EXAM IN 2016.</li> <li>4. The Centum Result Award in Science and Humanities-Mathematics during the Academic Year 2015-2016 at JEPPIAAR SRR ENGINEERING COLLEGE, Padur, Chennai.</li> </ol>

### Academic Experience:

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	-

### Workshops/Seminars attended:

1. Participated in One Day Workshop on "*Fuzzy Logic & Queuing Theory*" held on 20 April 2012 at Sai Ram Institute of Technology, West Tambaram, Chennai.
2. Participated in One Day Workshop using "*SAGE for Engineering Mathematics*" held on 28 April 2012 at VIT, Chennai.

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

1. Member of the Board of Studies (**BoS**), Faculty of Science and Humanities, at Dhanalakshmi College of Engineering.

**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:**

1. 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+.**