

BHARATHI T

Senior Research Fellow (PhD)
Department of Mathematics
Indian Institute of Technology Palakkad
Palakkad - 678623, Kerala.
✉ 212114004@smail.iitpkd.ac.in



Personal Information

Full Name **Bharathi Thiruvengadam**
DOB 📅 **09 May 1997**
Gender **Male**
Nationality **Indian**
Languages 🗣️ **Tamil (Mother Tongue) & English**
Email ✉️ **bharathit.math@gmail.com**

Education

Since 2021 **Doctor of Philosophy (PhD)**, *Indian Institute of Technology Palakkad*, Palakkad, Kerala, India.
CGPA: 8.5/10

2017-2019 **Masters in Science (MSc) in Mathematics**, *Ramakrishna Mission Vivekananda College (Autonomous)*, Affiliated to University of Madras, Chennai, India.
CGPA: 8.04/10

2014-2017 **Bachelors in Science (BSc) in Mathematics**, *Government Arts College Tiruvannamalai*, Affiliated to Thiruvalluvar University, Vellore, India.
CGPA: 7.48/10

2013-2014 **Higher Secondary Education (+2)**, *Government Higher Secondary School (GHSS)*, Ethapattu, Tamilnadu, India.
Percentage: 81.25

Achievements

Dec 2019 **UGC-NET (JRF)**, *Joint CSIR-UGC NET in Mathematics*.
Dec 2019 **TIFR GS - 2019**, *Cleared the Level-1 written exam in Mathematics*.
Jun 2019 **CSIR-NET (JRF)**, *Joint CSIR-UGC NET in Mathematics*.

Research Interests

- **Several Complex Variables (SCV)**
- **Riemann Surfaces**

Publications

Yet to update.

Talks / Seminar (Delivered)

- Mar 23, 2024 **"Conformal Mappings Through the Lens of Invariant Metrics"**, *Research Scholars' Day 6.0 (RSD 6.0)*, Nominated by the Department of Mathematics, Indian Institute of Technology Palakkad.
- Nov 19, 2023 **"An Introduction to Chain-connected Metric Space"**, *Student Seminar Series*, Indian Institute of Technology Palakkad.
- Aug 24, 2022 **"An Application of Montel's and Hurwitz's Theorem"**, *Departmental Seminar Series*, Indian Institute of Technology Palakkad.

Teaching Experiences

- Since Jan 2025 **Real Analysis - 1**, *Teaching Assistant*, NPTEL Course.
Instructor: **Dr. Jaikrishnan Janardhanan**
- Aug - Dec 2024 **Linear Algebra - (MA5001)**, *Teaching Assistant*, Indian Institute of Technology Palakkad.
- Jun 2024 **Summer Training Programme in Mathematics (STP-2024)**, *Teaching Assistant*, Indian Institute of Technology Palakkad.
(STP 2024 is an IIT Palakkad residential workshop)
- Jan - Apr 2024 **Complex Analysis - (MA5010)**, *Teaching Assistant*, Indian Institute of Technology Palakkad.
- Aug - Dec 2023 **Differential Equations - (MA2020)**, *Teaching Assistant*, Indian Institute of Technology Palakkad.
- Mar - Jun 2023 **Multivariable Calculus - (MA1021)**, *Teaching Assistant*, Indian Institute of Technology Palakkad.
- Dec 2022 **AFS - 1 in National Centre for Mathematics (NCM)**, *Teaching Assistant*, Subject: Complex Analysis, MEPCO Schlenk Engineering College, Sivakasi, India.
- Oct 2022 - Feb 2023 **Linear Algebra and Series - (MA1011)**, *Teaching Assistant*, Indian Institute of Technology Palakkad.
- Mar - Jun 2022 **Multivariable Calculus - (MA1021)**, *Teaching Assistant*, Indian Institute of Technology Palakkad.

Research Workshops / Conferences (Attended)

- Dec 2024 **International Conference on Special Functions, Analytic Functions, Metric and Quasiconformality (ICSAMY 2024)**, *Department of Mathematics, Indian Institute of Technology Indore*, Indore, India.
- Jun 24 - Jul 05, 2024 **Research Workshop & Conference in CR Geometry**, *TIFR Centre for Applicable Mathematics (CAM)*, Bengaluru, India.
- Dec 11 -15, 2023 **An interaction in Several Complex Variables (SCV)**, *Department of Mathematics, Indian Institute of Science Education and Research (IISER) Pune*, Pune, India.

Dec 2022 **An interaction in Several Complex Variables (SCV)**, *Kerala School of Mathematics (KSoM)*, Calicut, India.

— Responsibility Role

- A student coordinator in the workshop of "**Summer Training Programme in Mathematics (STP - 2024)**", conducted by Department of Mathematics, *Indian Institute of Technology Palakkad* in the year 2024.
- Since 2023, serving as a coordinator for the "**Students Seminar Series**", Department of Mathematics, *Indian Institute of Technology Palakkad*.