



# RAJESHKUMAR R

Assistant Professor/ Department of Mathematics  
Christ Nagar College Maranallloor, Trivandrum,  
Kerala, India.



## CAREER OBJECTIVE

To make use of my knowledge in a beneficial manner for the organization I work in, as well as to gain additional information that will help me to face the global challenges.



## EXPERIENCE

- Currently working as an Assistant Professor, Department of Mathematics, Christ Nagar College, Maranallloor, Trivananthapuram, Kerala from May 2019 to present.
- Worked as Mathematics Subject Expert and Research & Development team Member, Talentspire LLP, Trivandrum from January 2017 to July 2019.
- Worked as Assistant Professor, Department of Mathematics, Dr. Palpu College of Arts And Science, Puthusery, Kollam, Kerala from August 2018 to May 2019.
- Worked as Guest Lecturer in Mathematics, NSS College Cherthala, Kerala from August 2017 to March 2018.
- Worked as Faculty in Mathematics, Kaikalur Public School, Vijayawada, Andhra Pradesh.



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## EDUCATION

- Masters of Science in Mathematics

S D College, University of Kerala  2016  Alappuzha

➤ **Bachelor of Science in Mathematics**

S D College, University of Kerala 📅 2014 📍 Alappuzha

➤ **Higher Secondary**

S N Trust Higher Secondary School 📅 2011 📍 Cherthala

➤ **Senior Secondary**

Sree Sankara English Medium School 📅 2009 📍 Cherthala



## **LEADERSHIP**

- Convener of IQAC – Criteria V: Student Support and Progression.
- Convener of Website Committee, Christ Nagar College, Maranalloor.
- Member of Placement Committee.
- Coordinator of Mathematical Association - ZENZIC, Department of Mathematics, Christ Nagar College Maranalloor.
- Coordinated National Level Inter Collegiate Mathematics Quiz Competition organized by the Department of Mathematics Christ Nagar College Maranalloor Trivandrum as part of National Mathematical Day celebration on 23 December 2020.
- Coordinated Three Days' International Conference on Productive Mathematical Discourse organized by the Department of Mathematics Christ Nagar College, Maranalloor Trivandrum in association with Kerala Mathematical Association from 3 - 5 August 2020
- Coordinated International Virtual Presentation on Initiation into Science and Technology organized by Department of Mathematics, Statistics and Physics, Christ Nagar College, Maranalloor Trivandrum.
- Coordinated National Seminar on Applied Mathematics organized by the Department of Mathematics Christ Nagar College, Maranalloor ,Trivandrum on 7 January 2020

- Member of organizing committee of National Seminar 2015 on Recent Trends in Analysis, Topology and Its Applications held at S D College , Alappuzha ,Kerala
- Was the School Pupil Leader of Sree Sankara English Medium School, Cherthala (2007-2009).



### Conference Paper Presentation

- Presented a paper entitled “A Note on Geodetic Convexity in Intuitionistic Fuzzy Graphs” in National Conference on “Advances in Pure and Applied Mathematics” on 22 September 2023, conducted by Department of Mathematics, MCC, Mariagiri, Tamil Nadu.
- Presented a paper entitled “ Fuzzy Detour Blocks and Fuzzy Detour Cover in Fuzzy Graphs” in International Conference on Mathematical Modelling, Analysis and Computing held during 8<sup>th</sup> and 9<sup>th</sup> July, 2021, Conducted by Department of Mathematics, Thiruvalluvar University, Vellore, Tamil Nadu, India.
- Presented a paper entitled “Some Domination Parameter in Intuitionistic Fuzzy Graph” in International Conference on Mathematical Techniques and Application, organized by the Department of Mathematics, SRM Institute of Technology, Kattankulathur, Tamil Nadu, India held on 24<sup>th</sup> to 26<sup>th</sup> March 2021.
- Presented paper on “Independent Domination on Intuitionistic Fuzzy Graphs” in the One Day International Virtual Conference on Pure and Applied Mathematics Organised by Cape Comorin Trust, India in collaboration Andhra Loyola Institute of Engineering and Technology, Andhra Pradesh, India, Lavender Literary Club, India on 21 December 2020.



### Conferences, Workshops, FDP and Webinars

- Participated National Conference on “Advances in Pure and Applied Mathematics” on 22 September 2023,

conducted by Department of Mathematics, MCC, Mariagiri, Tamil Nadu.

- Participated National Webinar on Applied Mathematics, MACMAS 21 on 12 November 2021.
- Participated One Week Faculty Development Programme on Real, Applied and Computational Mathematics organized by Department of Mathematics, PRDS college of Arts and Science, Amara in association with Kerala Mathematical Association from 23 - 29 August 2020.
- Participated national webinar on Statistics and Machine Learning: A Practical Approach organized by Department of Statistics, PRDS college of Arts and Science, Amara on 07 August 2020.
- Participated international webinar on “Astronomy and Astrophysics” organized by Department of Physics, Mar Ivanios College(Autonomous) Thiruvananthapuram on 27 July 2020
- Participated international webinar on “Advances in Functional Materials” organized by Department of Physics, Mar Ivanios College(Autonomous) Thiruvananthapuram from 26 - 28 June 2020
- Participated “Science Leadership Workshop” organized by Central University of Punjab, Bathinda, India from 22 - 28 June 2020
- Participated national webinar on “A Quest For the Infinity” organized by Department of Mathematics, Marwadi University, India on 4 June 2020
- Participated webinar on “Insights into Block chain” organized by Department of Computer Applications, Christ Nagar College, Maranalloor, Trivandrum and Computer Society of India Trivandrum from 20 – 22 May 2020
- Participated UGC Sponsored National Webinar Series (VI) organized by IQAC, St Teresa’s College, as part of PARAMARSH Scheme on 18 May 2020.
- Participated Webinar on “Biography of Zero” organized by Department of Mathematics, Marwadi University on 16 May 2020.
- Participated Webinar on “UGC Sponsored National Webinar Series (V)” organized by IQAC, St Teresa’s



College, as part of PARAMARSH Scheme on 16 May 2020.

- Participated One Week National Level FDP on “Innovation to Academicians” organized by New Gen IEDC – REC Eluru, Andhra Pradesh in association with the Department of Science and Technology, Government of India.
- Successfully completed Course on “How to Develop Gravitas & How to Get People to Listen to You” offered by BitDegree on 15 May 2020.
- Participated National Webinar Series – “Academic Quality Enhancement through Outcome Based Education” organized by IQAC, St Teresa’s College, as part of PARAMARSH Scheme on 7 - 12 May 2020.
- Participated in Two Day Faculty Development Programme on “Exploring Python” organized by Department of Computer Applications, Christ Nagar College, Maranalloor, Thiruvananthapuram on 20 - 21 September, 2019
- Participated in the National Seminar on SAGEMATH organized by the Department of Mathematics, KNM Government Arts & Science College Kanjiramkulam and Sponsored by the Directorate of Collegiate Education during 21 – 23 November 2019.
- Participated in the Summer School organized by Professor Dr. Thomas Koshy, Koshy Institute of Mathematics, CMS College Kottayam, Professor Emeritus of Mathematics, Framingham State University, USA from 18 April – 2 May 2018.
- Participated in the Two – Day Regional Level Workshop on SAGEMATH organized by the department of Mathematics, St. Joseph’s College for Women Alappuzha from 5 - 6 February 2018.
- Workshop on Initiation into Mathematics 2013, conducted at S D College Alappuzha (from 29 April – 11 May 2013) .Funded by National Board of Higher Mathematics and Department of Atomic Energy, Government of India.
- Attended 27<sup>th</sup> National Science Congress 2015 held at Alappuzha from 27-29 January 2015.

- National Seminar 2015 on Recent Trends in Analysis, Topology and Its Applications held at S D College, Alappuzha, Kerala.



### Technical Skills

- Programme Languages: SAGEMATH, LaTeX, Basics of C, C++, Basics of Python, Basics of SQL.
- Operating System: Linux, Windows 10.
- Microsoft Applications: Ms -Word, Excel, PowerPoint.



### Areas of Interest

- Linear Algebra, Abstract Algebra, Real Analysis, Operations Research, Topology, Differential Equations, Fuzzy Graph Theory, Calculus, Discrete Mathematics.



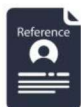
### Awards and Achievements

- Invited Guest for Annual Day Celebration of Sree Sankara English Medium School (CBSE), Cherthala on January 2023.
- Successfully completed the National Himalayan Trekking Expedition organized by Youth Hostel Association of India, at Chanderkhani Pass, Himachal Pradesh during May- June 2015.
- NCC Cadet from 2011-2014 under 11 Kerala Battalion, Alappuzha, Kerala (C – Certificate Holder).
- Won M.P. Merit award, Olive 2011, based on Higher Secondary level academic performance



### Personal Details

- Date of Birth                      13-01-1993
- Gender                              Male
- Father                                Rajendrakumar V
- Mother                               V Remadevi
- Marital Status                    Single



### List of Referees

- Dr. R. Sreekumar, Former Professor & HOD  
Research Department of Mathematics S.D. College,  
Alappuzha  
Visiting Professor, M G University Kottayam  
Contact number : +91 9447423475  
Email: [dr.r.sreekumar@gmail.com](mailto:dr.r.sreekumar@gmail.com)
- Dr. DilipKumar, Assistant Professor,  
Department of Mathematics, University of Kerala,  
Karyavattom Campus, Trivandrum.  
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Talentspire LLP, Trivandrum  
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