Name	: Dr. R. RAJAJI
Academic Qualification	: M.Sc., M.Phil., Ph.D., B.Ed., SET, NET(JRF).
Experience	: Teaching – 2 years 11 months
Specialization	: Stochastic Differential Equations
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Education:
- Ph. D (Mathematics) - University of Madras, 2017.
- M.Phil (Mathematics) - University of Madras, 2012.
- M.Sc (Mathematics) - Bharathidasan University, 2011.
- B.Ed (Mathematics)   - Institute Advanced Study in Education, Tamil Nadu Teachers Education University, 2009.
- B.Sc (Mathematics)   - Periyar E.V.R. College, Bharathidasan University, 2008.

Professional Experience:
- At present I am working as an Assistant Professor in, Department of Mathematics at Patrician College of Arts and Science, since November 2016.

Teaching Experience:
- U.G .Classes (in years) - 2 years 11 months

Research Experience (in years) - 5 years

Posts held (in Patrician College):
- Assistant Professor, Department of Mathematics, 2016- till date.

Credentials:
- Qualified State Eligibility Test (SET), Bharathiyar University, 2012.
- Qualified National Eligibility Test (NET), CSIR, 2013, 2014, 2018.
- Received UGC-BSR-JRF during 2013 – 2015.
- Received UGC-BSR-SRF during 2015 – 2016.

Academic Staff College Orientation/Refresher Course attended:

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Pedagogical Training for Mathematics Teachers (PTMT)- Real Analysis	Government College Chittur, Palakkadu	7 Days	MTTS-NBHM
Pedagogical Training for Mathematics Teachers (PTMT)- Real Analysis	Central University of Tamil Nadu, Thiruvarur	13 Days	MTTS-NBHM
Teacher's Enrichment Workshop on Algebra, Discrete Mathematics and Complex Analysis	The Institute of Mathematical Sciences, Chennai	6 Days	NBHM

Refresher Course in Mathematics on Analysis and Its Applications	The Maharaja Sayajirao University of Baroda, Vadodara	13 Days	IASC

Research Papers Presented/Published:

- **R. Rajaji**, "Dynamics of Stochastic SIRS Model", Advances in Algebra and Analysis, Trends in Mathematics, (2018) pp: 415–423.
- **R. Rajaji** and M Pitchaimani, "Stability of Stochastic SIRS Model with Variable Diffusion Rates", Nonlinear Functional Analysis and Applications, (2018) 23, pp: 31–48.
- M. Pitchaimani and **R. Rajaji**, "Stability analysis of a stochastic viral infection model with immune impairment and variable diffusion rate", Nonlinear Functional Analysis and Applications, (2017) 22, pp: 23–39.
- **R. Rajaji** and M. Pitchaimani, "Analysis of stochastic viral infection model with immune impairment", International Journal of Applied and Computational Mathematics, (2017) 3, pp: 3561–3574.
- M. Pitchaimani and R. Rajaji, "Stochastic asymptotic stability of Nowak-May model with variable diffusion rates", Methodology and Computing in Applied Probability, (2016) 18, pp: 901–910.
- R. Rajaji, "Stochastic Stability of SIRS Model with Nonlinear Incidence Rate", The XIX Ramanujan Symposium on Recent Trends in Nonlinear Partial and Fractional Differential Equations, University of Madras, Chennai March 02 - 04, 2016.
- R. Rajaji, "Stochastic Stability Behaviour of SIRS Model", The National Conference on Control and Inverse Problems, Central University of Tamil Nadu, Thiruvarur, February 26 - 27, 2016.

Workshop/Seminar/Conferences Attended:

- International Conference on Advances in Mathematical Sciences, VIT University, Vellore. December 1 - 3, 2017.
- Advanced Level Research Workshop on Mathematical Modeling of Environmental, Ecological and Epidemiological Systems, Banaras Hindu University, Varanasi. August 24 - 29, 2016.
- NNMCB Pre-School Course on Computational Biology , Indian Institute of Science, Bangalore. May 18 - 21, 2016.
- NNMCB Second Instructional School , Indian Institute of Science, Bangalore. May 23 - 31, 2016.
- IFCAM(Indo-French Center for Applied Mathematics) Summer School in Applied Mathematics, Indian Institute of Science, Bangalore. June 29-July 15, 2015.
- Annual Foundation School - Part II, IISER, Thiruvananthapuram. May 10 - June 6, 2015.