



Name: Rev. Dr. Fr. A. Arockiasamy SJ

Designation: Associate Professor in Mathematics

Qualifications: M.Sc.; M.Phil.; Ph.D. (Mathematics);
Licentiate in Sacred Scripture (Biblicum, Rome)

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Biographical Sketch

Dr. Fr. A. Arockiasamy S.J. is a Jesuit priest from Madurai Province. He is at present **Associate Professor in Mathematics** at **St. Xavier's University, Kolkata, India**. Being a **Gold medalist in Mathematics** from **Loyola College, Chennai**, he has done his **Ph.D. in Pure Mathematics** under the title "**FIXED POINT THEOREMS FOR RAY ORIENTED MAPS**" under the guidance of **Dr. Veeramani (I.I.T. – Madras)** and was awarded by **Manonmaniam Sundaranar University, Tirunelveli (Tamil Nadu)**. He has published his thesis through various articles in **International reputed journals**. He has attended many **National and International conferences and presented papers**. He has been teaching Mathematics and holding administrative responsibilities for the past twenty years in various esteemed Jesuit Institutions of higher Education both in South and North East India. He has also done the **Licentiate in Sacred Scripture at Pontifical Biblical Institute, Rome**. He has been the **visiting faculty for Scripture** in various theologates.

Areas of Specialisation and Research

Area of specialization: "Fixed Point Theory" - Functional Analysis.

Teaching Experience

Loyola College (Autonomous), Chennai, Tamil Nadu, India

from Dec 1999 - May 2003

Professor of Mathematics

- Taught, drilled, motivated and evaluated the students of B.Sc., M.Sc., and M.Phil. of Mathematics Faculty.
- Guided to write the dissertations of M.Phil. students of Mathematics Faculty.

St. Xavier's College (Autonomous), Palayamkottai, Tamil Nadu, India

from Jun 2003 - May 2017

Professor of Mathematics

- Taught, drilled, motivated and evaluated the students of B.Sc., M.Sc., and M.Phil. of Mathematics Faculty.
- Guided to write the dissertations of M.Phil. students of Mathematics Faculty.

Professor of Mathematics

- Taught, drilled, motivated and evaluated the Science students of B.Sc., Chemistry Faculty in Mathematics.
- Giving classes on Value Education and Motivation for all students of Chemistry, Botany and Zoology to get rid of the fear of Mathematics and Science and impart the importance these subjects.

Loyola College, William Nagar, Meghalaya, India

from Apr 2018 – Jul 2020

Professor

- Started the Science courses and Mathematics in the Higher Secondary level to begin with.
- Apart from regular teaching, Special coaching classes and Remedial classes in Mathematics are being given to the students, as most of them are the first generation of students to enter higher education.
- Since most of the students are tribals, making them learn is a Himalayan task.

Administrative Responsibility

Loyola College (Autonomous), Chennai, India

- **Dean**, School of Human Excellence (Foundation Courses) (2000 – 2003)

St. Xavier's College (Autonomous), Palayamkottai, India

- **Vice – Principal** of the college (2003 -2004)
- **Director** of boys' Hostel (2003 -2004)
- **Director** of College Library (2007 – 2008)
- **Co-Ordinator** of Research Activities of the College (2007 -2008)
- **Controller of Examinations** of the College (2008 -2011)
- **Co-Ordinator**, the Campus ministries of the College (2009 -2010)
- **Co-Ordinator**, the Dalit students of the college (2010 -2011)
- **Secretary and Correspondent** of the College (2011 - 2013)
- **Director**, Alumni Association of the College (2013 - 2016)
- **Co-Ordinator**, the Dalit students of the college (2013 – 2016)
- **Director**, Outreach Programs of the College [STAND Programs] (2014 - 2017)

Loyola College, William Nagar, East Garo Hills (Meghalaya), India

- **Dean** of Academic Programs of the college (2018 – 2020)
- **Treasurer** of the College (2018 -2019)
- **Administrator** of Loyola Ladies' Hostel (2018 – 2020)
- **In- charge of Science Program** in the College (2018 – 2020)

Publications

1. A. Arockiasamy and A. Anthony Eldred, A Note on Directionally Non-expansive mappings. International Journal of Fixed Point Theory volume 8, No. 1, (2007), 11-15.
2. A. Arockiasamy and A. Anthony Eldred, A Note on a Fixed Point Theorem for ray-oriented maps. International Journal of Applied General Topology.

3. A. Arockiasamy and A. Anthony Eldred, Convergence of Krasnoselskii iterations in the Real line, Proceedings of the International Conference on Mathematics and Computer Science, Department of Mathematics, Loyola college, Chennai - 600 034 (India), 1-3 March, (2007), 687 - 688.

4. A. Arockiasamy and A. Anthony Eldred, An extension of ray oriented contractive mappings due to Geraghty, International Conference held at Stella Maris College, Chennai.