

**Name:** A. ANTONY GEORGE  
**Designation:** Lecturer  
**Department:** Mathematics  
**Date of Joining:** 03. 01. 2014  
**Mobile:** 9629464547  
**Email:** antonygeorge@americancollege.edu.in



**Educational Qualification:**

Degree	Subject	College / University & Place	Year Completed
B.Sc.,	Mathematics	The American college, Madurai	2009
M.Sc.,	Mathematics	The American college, Madurai	2011
M.Phil.,	Mathematics	Madurai Kamaraj University	2012
PH.D	Mathematics	The American College, Madurai	Thesis Submitted. 2023

**Specialisation in Teaching:**

- Algebra
- Analysis
- Topology
- Number theory
- Combinatorics

**Other Work Experience:**

Designation	Institution / Company	Year - From (month/year) To (month/year)
Assistant professor	Arul Anandar college, Karumathur	June 2012 – April 2013
Assistant professor	Senthamarai arts and science college, Madurai	June 2013 – December 2013

**Administrative /Academic Position/s (held / currently holding):**

<b>Positions held / currently holding</b>	<b>Year - From (month/year) To month/year)</b>
Librarian UG	2014 – till date
UG Association President (SF)	2015 – 2016
UG Autonomy Co-ordinator (SF)	2015 – 2016
Staff Advisor in SCM	2015 – till date
SLP Project Associate	Solid Waste Management - 2016 – 2019 School Extension Programme - 2019- till date
Member in ROTARACT CLUB	2017 – till date
Admission -Data Uploading	2016-2019
Department Admission	2014 – 2018, 2019-2020, 2020-2023(PG)
Assistant coordinator - Department time table	5 years 2018-2023

**Academic Credentials:****Publications:**

- A. Antony George and M. Davamani Christoher, NEW CLASS OF STRONG FORM USING SUPRA N-TPOLOGY. *Design Engineering*. (Jul. 2021), 5165- 5175.
- A. Antony George and M. Davamani Christoher, Y\_G OPERATOR IN GRILL N-TPOLOGY, *Ratio Mathematica*, June (2023), 385-397.
- A. Antony George and M. Davamani Christoher, A NEW NOTION OF SEMI-OPEN SETS IN N-TPOLOGY, *Indian Journal of Science*, Vol 14, Issue 78, June (2023), 57770-57779.

**Proceedings:**

- Antony George A, Davamani christoher. M, Loyala Foresith Spencer.J , 2020 “ A NEW CLASS OF CONNECTEDNESS IN N-TPOLOGY” in the Proceedings of 22<sup>nd</sup> FAI-International conference on Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics 2020 (22<sup>nd</sup> FAI-ICMCIE 2020) between Dec 20-22, 2020.

- Loyala Foresith Spencer.J, Davamani christober. M, Antony George A , 2020 “DOOR SPACES ON N-TOPOLOGY” in the Proceedings of 22<sup>nd</sup> FAI-International conference on Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics 2020 (22<sup>nd</sup> FAI-ICMCIE 2020) between Dec 20-22, 2020.
- Antony George A, Davamani christober. M, , Loyala Foresith Spencer.J 2021 “MODERN APPROACH ON N-SUPRA R-OPEN SETS ” in the Proceedings of International conference on Applied Mathematical Models(ICAMM 2021) organized by Department of Mathematics, PSG College of Technology, Coimbatore, India between Jan 7-9, 2021.
- Loyala Foresith Spencer.J, Davamani christober. M, Antony George A 2021” MODERN APPROACH ON  $\theta$  -OPEN SETS IN N-TOPOLOGY” in the Proceedings of ICEMMA 2021.

#### **Conference / Seminar Participation:**

- Participated in a National Conference on Applied stochastic Methods, conducted by School of Mathematics, Madurai Kamaraj University, Madurai.
- Participated in the National Seminar on Applications of Modern Topology , conducted by School of Mathematics, Madurai Kamaraj University , Madurai.
- Participated in the National Colloquium for IQAC Coordinators on Best Practices in Higher Educational Institutions, organized by the IQAC, Arul Anandar College, Karumathur.
- Participated in the AIACHE Golden Jubilee Grand Finale Celebrations, held at The American College, Madurai.
- Participated in the UGC Sponsored National Level Seminar on “applications in Fuzzy Mathematics and Fractal Geometry” conducted by Department of Mathematics, The American College, Madurai.
- Participated in the Two Day Online National Seminar on Recent research Topics in Mathematics, organized by the Department of Mathematics, Auxilium College, Vellore on 28<sup>th</sup> and 29<sup>th</sup> of May 2020.
- Participated in the webinar on “Key Issues in Research Methodology” organized by the Department of Mathematics, G.T.N Arts College, Dindigul on 03.06.2020.

- Participated in the Online Workshop on “Data Analysis Using SPSS”, organized by Department of Mathematics, The American College, Madurai held on May 28-30, 2020.
- Participated in Webinar on “Qualitative Analysis of Differential Equations and its Applications” organized by the Department of Mathematics (Aided), G.T.N Arts College(Autonomous) , Dindigul held on 21<sup>st</sup> May 2020.
- Attended online Faculty Development Programm on “Recent Trends in Material Frontiers,”, conducted by St. Joseph’s College of Engineering, Chennai on 29<sup>th</sup> and 30<sup>th</sup> May 2020.
- Participated in the Webinar on CSIR-NET/ SET examination in Mathematical Science, organized by Department of Mathematics, Urumu Dhanalakshmi College, Tiruchirappalli.
- Participated in Webinar programme on “Centrality Measures in Graph Theory” organized by Department of Mathematics, Kalasalingam Academy of Research and Education, Krishnankoil on May 23, 2020.
- Participated in the Online workshop on Mathematical Sciences for CSIR-UGC NET Aspirants, organized by St. Mary’s College, Thoothukudi on May 19-23,2020.
- Participated in the One day Webinar on Current Research in Fuzzy Mathematics, Conducted by PG & Research Department of Mathematics, Sri Pushpam College, Poondi held on 24<sup>th</sup> May,2020.
- Participated in the one day IQAC Webinar “Introduction to LATEX, conducted by PG & Research Department of Mathematics, Loganatha Narayanasamy Government College, Ponneri on May 28, 2020.
- Attended the webinar on “Hacks and Tips: CSIR-UGC-NET EXAMINATION IN MATHEMATICS”organized by Postgraduate & Research Department of Mathematics, The American College held on July 6,7 & 8 2020.
- Participated in the online Faculty Development Programme on “Appraisal of Mathematical Learning outcomes in Cyberogy Environment” organized by the Department of Mathematics, Arul Anandar College from 15.07.2020 to 17-07-2020.
- Participated in the National webinar on “Teacher Vs Learner: Impact of COVID’19 in colleges ” organized by IQAC, The American College, Madurai on 22 July 2020.
- Participated in the 5 days online Faculty Development Programme on applications of Mathematics Organized by the Department of Mathematics, Karunya Institute of Technology and Science, Coimbatore, held from 20 July 2020 to 24 July 2020.
- Successfully completed the five days online Faculty Development Program on “Recent Trends in Mathematical Modelling” conducted by Department of

Mathematics, Karunya Institute of Technology and Sciences, Coimbatore during July 27-31, 2020.

- Participated in the two days International Conference on “Recent Trends in Modern Mathematics” organized by the PG and Research Department of Mathematics, St. John’s College, Palayamkottai from 23<sup>rd</sup> and 24<sup>th</sup> of September 2021.
- Participated in the Two days International Virtual Workshop on “Innovative Resources and IPR in Research ” held on 08<sup>th</sup> -09<sup>th</sup> October 2021 organized by the PG and Research Department of Mathematics, The American College(Autonomous), Madurai, Tamil Nadu, India.
- Participated ”An Online Faculty Development Programme on Intellectual Property Rights ” under DBT Star college scheme jointly organized by the Post Graduate and Research Department of Physics and Institution’s innovation council, Jamal Mohamed College(Autonomous), Tiruchirappalli during the period 09.02.2022.
- Participated in the National Seminar on “Current Scenario in Graph Theory and its Applications” under DBT Star college Scheme on 11.02,2022 organized by the Department of Mathematics, V.V. Vanniaperumal College for Women, Virudhunagar.
- Participated in “A five days FDP on Spectral theory and its Applications in Graph theory” through Online mode conducted by Vellore Institute of Technology, Vellore, India, during 27.11.2023 and 01.12.2023.
- Participated in one-week National level (Online) Faculty Development Programme on “Applications of Mathematics in Multi-disciplinary Domains” from 01.02.2024 to 08.02.2024 jointly conducted by A.C.T academy, Kerala unit and Department of Mathematics (SF), The American College, Madurai, Tamil Nadu.

#### **Conference / Seminar Presentation:**

- Presented the entitled “A New Class of Strong Form Using Supra N-Topology” in the **“Second International Conference on Algebra and Discrete Mathematics-ICADM 2020”** through Google Meet organized by the Department of Mathematics-DDE, Madurai Kamaraj University, Madurai-625 021 during **June 24-26, 2020**.
- Presented the entitled “A New Class of Connectedness in N-Topology” in the **“22<sup>nd</sup> FAI International Conference on Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics 2020 ”** through Google Meet organized by the Department of Mathematics, The American College, Madurai-625 002 during **December 20-22, 2020**.
- Presented the entitled “Modern Approach on N-Supra R-open sets” in the **International Conference on Applied Mathematical Models (ICAMM 2021)-online** organized by Department of Mathematics, PSG College of Technology, Coimbatore, India during **January 7 – 9, 2021**.
- Presented a paper entitled “Y\_G OPERATOR IN GRILL N-TOPOLOGY”, in UGC sponsored national conference on “Recent Advances of Pure and Applied

Mathematics with Industrial Application” organized by Department of Mathematics, Arul Anandar College, Karumathur on 9<sup>th</sup> March 2023.

**Contribution to The American college:**

<b>Year</b>	<b>Positions held / currently holding</b>
2013-2014	Candle lighting.
2014-2015	UG-SF Librarian, Candle lighting, Freshman orientation, College Day.
2015-2016	UG Association President &, Autonomy Coordinator (SF), NAAC, Science exhibition, Candle lighting, examination hall ticket generation, EOS Mark Uploading.
2016-2017	Handled UG courses in Satellite Campus. Freshman orientation, AIACHE, Candle lighting, College Day.
2017-2018	Freshman orientation, Candle lighting, College Day.
2018-2019	academic advisor – I UG (even) Freshman orientation, Candle lighting, Science Exhibition, College Day.
2019-2020	academic advisor – II UG Freshman orientation, Science Exhibition.
2020-2021	academic advisor – III UG Freshman orientation.
2021-2022	Served as academic advisor – III UG, Freshman orientation.
2022-2023	academic advisor – III UG IQAC Staff in charge for Mathematics (SF)