

Name: A. ANTONY GEORGE

Designation: Lecturer

Department: Mathematics

Date of Joining: 03. 01. 2014

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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):

| Positions held / currently holding | Year - From (month/year) To month/year) |
|--|--|
| 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 Christober, NEW CLASS OF STRONG FORM USING SUPRA N-TOPOLOGY. *Design Engineering*. (Jul. 2021), 5165- 5175.
- A. Antony George and M. Davamani Christober, Y_G OPERATOR IN GRILL N-TOPOLOGY, *Ratio Mathematica*, June (2023), 385-397.
- A. Antony George and M. Davamani Christober, A NEW NOTION OF SEMI-OPEN SETS IN N-TOPOLOGY, *Indian Journal of Science*, Vol 14, Issue 78, June (2023), 57770-57779.

Proceedings:

- Antony George A, Davamani christober. M, Loyala Foresith Spencer.J , 2020 “ A NEW CLASS OF CONNECTEDNESS IN N-TOPOLOGY” in the Proceedings of 22nd FAI-International conference on Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics 2020 (22nd 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 22nd FAI-International conference on Mathematical, Computational Intelligence and Engineering Approaches to Healthcare, Business and Tourism Analytics 2020 (22nd 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 θ -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 28th and 29th 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 21st May 2020.
- Attended online Faculty Development Programm on “Recent Trends in Material Frontiers,”, conducted by St. Joseph’s College of Engineering, Chennai on 29th and 30th 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 24th 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 23rd and 24th of September 2021.
- Participated in the Two days International Virtual Worksop on “Innovative Resources and IPR in Research ” held on 08th -09th 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 “**22nd 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 9th March 2023.

Contribution to The American college:

| Year | Positions held / currently holding |
|-------------|---|
| 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) |