

Name: L. David Raj Kumar

Designation: Assistant Professor

Department: Mathematics

Date of Joining: 14.09.2018 (27.07.2006)

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Educational Qualification

Degree	Subject	College/University	Year of Completion
M.Phil.,	Mathematics	DDE, Madurai Kamaraj University, Madurai	2007
M.Sc.,	Mathematics	The American College, Madurai	2006
B.Sc.,	Mathematics	The American College, Madurai	2004

Academic Credentials:

- **Qualified SET in 2016**
- **Qualified CSIR – UGC NET in 2017**

Pursuing Ph.D., (specialization in Topology)

Specialization in Teaching:

- Algebra
- Real Analysis
- Number Theory
- Statistics
- Operations Research

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

Positions held / currently holding	Year - From (month/year) To month/year)
Autonomy Coordinator (UG Aided)	2010-2013, 2018 - Till Date
Athletic Committee Member	June 2011 – June 2013
PG Mathematics Association President	2013 - 2014
Counseling & Guidance Committee Member	June 2015 - May 2017
President - UG Mathematics Association	2016 - 2017

Member in Anniversary Committee	2018 - Till Date
SLP Project Associate – School Extension Programme	2019 - 2022
Member in Lunch Assistance Programme	2019 - 2023
President - UG Mathematics Association (Aided)	2022 – 2023
Department Admission Committee Member	2007 – Till Date

Membership in Professional Bodies:

- External Examiner - The Madura College, Madurai
- External Examiner - VHNSN College, Virudhunagar
- External Examiner – VVV College, Virudhunagar

Book Published:

Author: **“Piriyamana Pillaigalai Pola”**

Editor: **“In Memory of Rev. Edward Webb (A.B.C.F.M)”**

Other Activities:

- **Guided 14 M.Sc. students** for their final year projects (Till Date)
- Staff Advisor in Student Christian Movement (SCM) for the students of Mathematics Department from June 2015 – Till Date.
- Staff In charge for Quiz competition (UG) in Axiomatica '22 & 24 (Intercollegiate Meet) organized by Mathematics Department, The American College.
- Organized Intercollegiate Competitions – Axiomatica'23 on 14th, 15th February 2023.
- Staff In charge for Model exhibit in Science Exhibition for School students 7th to 9th August 2019.
- Expert in Quiz Programme for the students of B.Ed., in Mathematics of cluster colleges of Madurai & Dindigul district, conducted by Peniel Rural College of Education from 2013-2016, 2018.

Resource Person

- Served as Resource person for the **series of practice session for JAM** organized jointly by V.V. Vanniaperumal College for Women, Virudhunagar and The American College, Madurai on March 2022.
- Served as resource person in the **inaugural function of UG Mathematics Association** organized by the Department of Mathematics, V.V. Vanniaperumal College for Women, Virudhunagar on 27.08.2022.
- Served as resource person for the series of practice session on **“Knack to Crack JAM”** organized by the Department of Mathematics, V.V. Vanniaperumal College for Women, Virudhunagar under **DBT-star College Scheme** on 08.10.2022 & 29.10.2022.

- Served as resource person for the **IAS preparatory workshop** organized by Sri Meenakshi Government Arts College for Women(A), Madurai on 27.12.2022.
- Served as resource person for the practice session on “**IIT- JAM Exam Preparation – Problem Solving Strategies**” under **DBT-star College Scheme** conducted by the Department of Biotechnology, V.V. Vanniaperumal College for Women, Virudhunagar for the life science students on 07.01.2023.
- Served as chief Guest of **Pi-Day celebrations** and delivered a lecture on “**Secrets of the World’s Most Mysterious Number**”, organized by the Mathematics Association, Department of Mathematics, Arulmigu Kalasalingam College of Arts & Science, Krishnankoil on 14.03.2023.
- Served as resource person for the **Workshop on CSIR NET PREPARATIONS** organized by the Department of Mathematics, The American, Madurai on 16.12.2023.

NPTEL Course completed (Faculty Development Programme):

- NPTEL Online Certification Course on “Dynamical System and Control” funded by MoE, Govt. of India (12 weeks course with 3 (or) 4 credits), January - April 2024.
- NPTEL Online Certification Course on “Foundations of R Software” funded by the MoE, Govt. of India (12 weeks course with 3 (or) 4 credits), July – October 2024 .
- NPTEL Online Certification Course on “Scientific Computing using Python” funded by the MoE, Govt. of India (12 weeks course with 3 (or) 4 credits), July - October 2024.

Conferences / Seminars / Workshop attended (State / National):

1. **Two days National Seminar on Discrete Mathematics and Applications**, conducted by Ayya Nadar Janaki Ammal College (ANJAC), Sivakasi from 18th & 19th March 2009.
2. **State Level Seminar on Applicable Mathematics**, conducted by the Department of Mathematics, The Madura College, Madurai on 10th February 2010.
3. **Two days National Seminar on Recent Trends in Distance in Graphs (Sponsored by UGC (SERO))**, organized by Ayya Nadar Janaki Ammal College (ANJAC), Sivakasi from 12.03.2012 to 13.03.2012.
4. **Six days Training Programme for College Teachers on Psycho-Educational Skills**, organized by the **District Administration, Madurai & MANASA**, from 6th – 12th Aug 2014.
5. **Christian Youth Leadership Seminar- 2015** organized by Diocese of Madurai & Ramnad, from 29-30th July 2015.

6. **Enrichment Seminar on Leadership & Visioning -2016** organized by CSI St. Andrew's Church, Nagamalai, Madurai on 12.11.2016.
7. **Three days Science Academies' Lecture workshop on Algebra** during 16th – 18th August 2018 held at Department of Mathematics, Bharathidasan University, Tiruchirappalli.
8. **Teachers Enrichment Workshop on Linear Algebra & Multivariable Calculus** funded by NCM(A joint centre of IIT Bombay and TIFR) held at Mepco Schlenk Engineering College, Sivakasi from May 13-18, 2019.
9. **UBCHEA sponsored Four day Faculty Development Program on Emerging Leaders of Service Learning Programme** during 13-16 February, 2020.
10. **Online National Workshop on Basics of Documentation using Latex** during 24, 25, 29 & 30 April 2020 organized by the Department of Mathematics, Stella Maris College, Chennai.
11. **Webinar Programme on “Centrality Measures in Graph Theory”** organized by Department of Mathematics, School of Advanced Sciences, Kalasalingam Academy of Research and Education, Krishnankoil on May 23, 2020.
12. **Online Workshop on Mathematical Analysis** organized by PG & Research Department of Mathematics, Loyola College, Chennai from June 8-13, 2020.
13. **Online Short Term Training Programme (STTP) on “MATLAB and MATHEMATICA for Scientific Research”** organized by the Department of Mathematics, Arul Anandar College, Karumathur from July 27-29, 2020.
14. **Online Teachers Enrichment Workshop on Algebra and Discrete Mathematics funded by NCM(A joint centre of IIT Bombay and TIFR)** organized by Mepco Schlenk Engineering College, Sivakasi during November 19, 2020 - January 3, 2021.
15. **Four Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”** organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from February 11 - March 13, 2021.
16. **Online Instructional School for Teachers on “Geometry of Complex Functions”** funded by **National Centre for Mathematics (A joint centre of TIFR and IIT Bombay) Advanced Training in Mathematics**, organised by Department of Mathematics, Indira Gandhi National Tribal University, Amarkantak, during July 14 – August 08, 2021.

17. **Two Days International Virtual Workshop on “Innovative Resources and IPR in Research”** held on 08th - 09th October 2021 organized by the PG & Research Department of Mathematics, The American College (Autonomous), Madurai, Tamil Nadu, India.
18. **Online Workshop on Assessment** Organized by Mathematics Training and Talent Search Trust (MTTS Trust), held from 07/01/2022 to 08/01/2022.
19. **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.
20. **CMI-NASI Online Workshop on “Linear Algebra & Elementary Number Theory”** hosted by Mepco Schlenk Engineering College, Sivakasi during January 27th to February 26th, 2022.
21. **In-service Teacher Training Programme** organized by Tamil Nadu State Council for Higher Education during May 5-6, 2022.
22. **UGC – Sponsored Online Refresher Course in Mathematics** organized by UGC– Human Resource Development Centre, Madurai Kamaraj University during August 10 – 23, 2022.
23. **Workshop on Art and Science of Methodical Scientific Writing & Publishing in a High Impact Journal** organized by IQAC & Office of the Dean Research, The American College, Madurai on 06.03.2023.
24. **UGC Sponsored Refresher Course in Mathematics** organized by UGC HRDC Bharathidasan University, Trichirappalli from 26.10.2023 to 08.11.2023.
25. **NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)**, organized by UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC), Bharathidasan University, Tiruchirappalli, Tamil Nadu during 20.04.2024 to 29.04.2024.