

1. Name: **N.RAJI**
2. Designation: **Assistant Professor and Head**
3. Qualification: **M.Sc., M.Phil.**
4. Teaching Experience: **19-Years**
5. Subjects Taught: **Topology, Functional Analysis, Abstract Algebra, Linear Algebra, Differential Equations, Analytical Geometry, Vector Analysis and Fourier series.**
6. Area of specialization: **Functional Analysis ,Abstract Algebra, Linear Algebra**
7. Research Experience and Guidance: **6-Years(Guided 22- M.Phil Scholars)**
8. Positions held:
 - Acting as an External Examiner in Practical in Thiruvalluvar University and Autonomous College.
 - Acting as an Examiner in Central Valuation in Thiruvalluvar University and Autonomous College.
9. No. of Papers Published: **02**
10. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences : **02**
11. No. of Seminars/Workshops/Conferences organized: **14**
12. No. of Books Published/Edited/Co-edited: **NIL**
13. No. of FDPs Attended: **03**
14. Current Responsibilities: **Head of the Department
Department of Mathematics,
K.M.G.College of Arts and Science, Gudiyattam.**

Papers Published:

- **“ON FUZZY BAIRE SETS AND FUZZY PSEUDO-OPEN SETS”, Advances in Fuzzy Set and Systems, Vol.28, N0.1 (2023), 31-64**
- **Some Remarks on Fuzzy Baire Sets, Annals of Fuzzy Mathematics and Informatics, Vol.26, N0.2 (2023), 177-188**

**Conferences/Symposia/Seminar/Workshop/Faculty Development Program
Participation Details**

1. Participated FDP on Placement Methodology and Maintaining Quality Assurance in Academic System on 24.03.2018 organized by IQAC, K.M.G College of Arts and Science, Gudiyattam.
2. Participated FDP on National Level Faculty Development Programme on 08.06.2020 to 09.06.2020(2-Days) organized by IQAC, K.M.G College of Arts and Science, Gudiyattam.

3. Participated National Webinar on “Applications of Transforms and Differential Equations on 05.08.2020 organized by Department of Mathematics, K.M.G College of Arts and Science, Gudiyattam.
4. Participated National Webinar on Fuzzy Applications on 18.06.2020 organized by Department of Mathematics, St.Joseph’s College of Arts&Science,Cuddalore.
5. Participated FDP on “NAAC New Guidelines and Importance of IQAC in Post Covid Time for Affiliated Colleges” on 29.07.2021to31.07.2021 (3-Days) organized by IQAC, K.M.G College of Arts and Science, Gudiyattam.
6. Participated National Webinar on “Real and Complex Analysis” on 25.08.2021 organized by Department of Mathematics, K.M.G College of Arts and Science, Gudiyattam
7. Participated National Conference on “Recent Trends in Mathematics” (NCRTM – 2022) on 16.09.2022 organized by Department of Mathematics, K.M.G College of Arts and Science, Gudiyattam.
8. Participated National Conference on “Recent Trends in Applied Mathematics” (RTAM – 2023) on 15.09.2023 organized by Department of Mathematics, K.M.G College of Arts and Science, Gudiyattam.

Programmes Organized: NIL

Acted as Resource Person: NIL