Name: Mrs. T.G. Sindhu

Department: Mathematics

Qualification: M.Sc., B.Ed., SET.,

Area of Specialization: Differential Equation, Real Analysis.

Date of joining in APA: 01.10.2022

Teaching experience (Years): 5 Years

Number of papers published: National Journals: 1

International Journals: 4

Contact details: E-mail address: sindhutgm@gmail.com

Mobile: 9843385690

Academic Qualification Details:

Examination	Year	School/University	Percentage
SET. (Mathematics)	2016	Mother Terasa University, Kodaikanal.	--
B.Ed (Mathematics)	1999	University of Calicut	57.6 %
M.Sc (Mathematics)	1998	Sri Kerala Varma College, Trichur.	58 %
B.Sc (Mathematics)	1996	Sri Kerala Varma College, Trichur.	77.8 %

Details of Faculty Development Program attended

1. One day Orientation Program attended on 05.06.2020, " Students and Teacher Relations: A online Paradigm" Conducted by A.P.ACollege of Arts and Culture, Palani & Unnat Bharat Abhiyan (C-36569)
2. A seven-day online Faculty development programme attended on 09-06-2020 to 15-06-2020 entitled " New Directions and Dimensions in Higher Education" conducted by Internal Quality assurance cell (IQAC), Arulmigu Palaniandavar arts college for women, Chinnakalayamputhur, Palani.
3. Five day Online Faculty Development Programme attended on 11.06.2020 to 15.06.2020, in Pure and applied Mathematics Organized by PG and Research Department of Mathematics, Jamal Mohamed College, Trichirappalli.
4. One day Online Faculty Development Programme attended on 06.07.2020, " Technology Assisted Teaching and Virtual Learning through ICT Tools" Organized by Jagan Institute of Management studies, Rohini, New Delhi.
5. Three-days online Faculty Development Programme participated on 11.07.2020 to 13.07.2022 "Fuzzy Mathematics and its Application" Organized by Department of Mathematics, Government College of Daman in association with IQAC.
6. A seven-day National level online Faculty development programme attended on 01-08-2020 to 07-08-2020 entitled " Ethical Standards in a Professional Context" Organized by Internal Quality assurance cell (IQAC), Arulmigu Palaniandavar arts college for women, Chinnakalayamputhur, Palani.
7. Three Months Online Faculty development programme course attended on January 01, 2021 to March 31, 2021, Graph Theory Organized by NPTEL- AICTE, Ministry of HRD, Govt of India.
8. Two weeks online Faculty development programme attended on 24.05.2021 to 06-06-2021, "Pedagogy and Research Methods" Organized by Human Resource and Development Centre (HRDC) & Internal Quality assurance cell (IQAC), Academy of Maritime Education and Training (AMET).
9. One Week National Level Faculty Development Program attended on "Teaching, Learning and Practices" Conducted by IQAC Cell, Sakthi College of Arts and Science for Women, Oddanchatram from 12.07.2021 to 18.07.2021.
10. One Week online International Faculty Development Program attended on "Art of Effective Education During Pandemic Scenario" Jointly Organized by Department of Pedagogial Sciences, Tamilnadu Teachers Education and Lakshmi College of Education, Gandhigram, Dindigul, from 23.07.2021 to 29.07.2021.
11. Three days Virtual Faculty development programme course attended on " Algebra Analysis and its application" from 28.07.2021 to 30.07.2021, Organized by Department of Mathematics, Nadar Saraswati College of Arts and Science, Theni.

Details of Journal Publications:
International Journal publication:

1. M.Annalakshmi, **T.G.Sindhu**, R.Karthika, S.Gokila (2022). Some application of Lagranges theorem in Number theory using Numerical example. Science, Technology and Development;Vol.XI, Issue(VI), Page:52-61. ISSN: 0950-0707, (UGC Care List Group II:

Scopus Source List;S.No:33806) Direct UGC-CARE Group - II Journal Link: https://www.scopus.com/sources?sortField=citescore&sortDirection=desc&isHiddenField=false&field=issn&issn=0950-0707 Paper Link: (http://journalstd.com/gallery/7-june2022.pdf)

2. **T.G.Sindhu**, P.Yuvashanmuga Sree, S.Jasmine, G.kavitha (2022). Solving transportation problem by LCM method,Vogel's method, SSM method, Modi method and their Comparison. Science, Technology and Development;Vol.XI (VI), Page:63-92. ISSN: 0950-0707, (UGC Care List Group II: Scopus Source List;S.No:33806)Paper Link: http://journalstd.com/gallery/8-june2022.pdf

3. **T.G.Sindhu**, M.Annalakshmi, K.Vijayalakshmi, R.Vanitha (2022). Evaluation of definite and indefinite integrals using Cauchy residue theorem. Science, Technology and Development;Vol.XI (VI), Page:93-104. ISSN: 0950-0707, (UGC Care List Group II: Scopus Source List;S.No:33806) Paper Link: (http://journalstd.com/gallery/9-june2022.pdf)

4. **T.G.Sindhu**, M.Muthulakshmi, J.Priyadharshini, C.Tamilarasi (2022). A study of solving Linear equations of higher order by the method of finding complementary function and particular integral. Science, Technology and Development;Vol.XI (VI), Page:119-128. ISSN: 0950-0707, (UGC Care List Group II: Scopus Source List;S.No:33806) Paper Link: http://journalstd.com/gallery/11-june2022.pdf

2. National Journal publication:

1. **Sindhu T.G** (2021). Simple approach on Cauchy's integral theorem and Cauchy's integral formula, Advances and Applications in Mathematical Sciences; Vol.21(1), Page:369-376. ISSN: 0974-6803 (UGC-Care Listed Journal). Paper Link : https://www.mililink.com/upload/article/1438832657aams_vol_211_november_2021_a32_p369-376_t._g._sindhu.pdf