STAFF PROFILE

1) Name   : VAIYOMATHI.K

2) Designation   : ASSISTANT PROFESSOR

3) Department   : MATHEMATICS(SF)

4) Qualification   : M.Sc., M.Phil., B.Ed., PGDCA., (Ph.D.)

5) Experience   : Teaching: 9 years 7 months;   Research: 6 years

6) Area of Specialization (s) : Topology, Graph Theory

7) E-mail   : vaiyomathi@gmail.com

8) Academic Qualifications: M.Sc., M.Phil., B.Ed., PGDCA., (Ph.D.)

9) Additional Qualifications:

Diploma/ Vocational/ Certification	Area of Spealization	Institution/ University/ Agency Name	Year
PGDCA	Computer Application	Bharathiar University	2018-2019

10) Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	-
M. Phil.	2	-

11) Research Publications

International

- Vaiyomathi.K and F. Nirmala Irudayam, "A new forms of infra open sets in infra topological spaces" Mathematical Science international research journal, (2016) Vol 5, issue no 2, pp.191-194, ISSN NO:978-93-84124-93-9.

- Vaiyomathi.K and F. Nirmala Irudayam, "Infra generalized b-closed sets in infra topological spaces", International journal of Mathematics trend and technology (UGC Approved Journal), (2017) Vol-47, issue 1, pp no.56-65, ISSN NO:2231-5373.

- Vaiyomathi.K and F. Nirmala Irudayam," Infra generalized b-continuous functions in infra topological spaces", International journal of Mathematics trend and technology, (2017)
  Vol-7, issue no-1, pp no.14087-14090,
- Vaiyomathi.K and F. Nirmala Irudayam, "Characterizations of infra b-separation axioms in infra topological spaces" Nirmala Annual research congress, (2017), pp no.162-167, ISBN No:978-93-5279-759-2.
- Vaiyomathi.K and F. Nirmala Irudayam," A Basic structure of nearly open sets in neutrosophic crisp infra topological spaces", Mathematical Sciences international research journal, (2018), Vol-7, issue 2, pp no. 143 ISBN No: 978-93-5321-859-1.
- Vaiyomathi.K and F. Nirmala Irudayam, "A new forms of neutrosophic infra open sets in neutrosophic infra topological spaces" Nirmala Annual research congress. (2018), p.no;108-115, ISBN NO:978-93-5321-859-1.
- Vaiyomathi.K and F. Nirmala Irudayam, "A characterization of neutrosophic infra b-open sets in neutrosophic infra topological spaces", International journal of Scientific research and review (UGC CARE Journal), (2019), Vol-8, issue-4, pp no: 548-556, ISSN No:2279-543X.
- Vaiyomathi.K and F. Nirmala Irudayam, "Bipolar Neutrosophic Cubic Graphs and Its Applications", Advanced Applications of Graph theory in Modern Society, IGI Global publisher of timely knowledge, (BOOK CHAPTER) (2019)., ISBN 13:9781522593805
- Vaiyomathi.K and F. Nirmala Irudayam, " Different classes of contra mappings in infra topological spaces", The international journal of Analytical and Experimental Modal Analysis (UGC CARE Journal),2019, ISSN NO:0886-9367.
- Vaiyomathi.K and F. Nirmala Irudayam, " On Neutrosophic infra generalized closed sets in Neutrosophic infra topological spaces", Alochana Chakra journal (UGC CARE Journal), (2020), Vol. IX, Issue VIII, pp no:467-475, ISSN NO:2231-3990.

12) Presentations in Conference   **International-4   National-2**

13) Participation in Conference - 5

14) Participation in Seminar - 5

15) Participation in Workshop - 5

16) Participation in Orientation Programme/ Induction Programme/ Short term Courses- 2

17) Participation in Faculty Development Programme - 7