

## STAFF PROFILE

- 1) Name : Dr.G.Sindhu
- 2) Designation : Assistant Professor & Head
- 3) Department : Mathematics SF
- 4) Qualification : M.Sc., M.Phil., HDCA., Ph.D., SET Cleared
- 5) Experience : Teaching: 15 Years 2 Months      Research: 3 Years
- 6) Area of Specialization (s) : Topology & Graph Theory
- 7) E-mail : sindhukannan23@gmail.com
- 8) Academic Qualifications: M.Sc., M.Phil., HDCA., Ph.D., SET Cleared
- 9) Additional Qualifications:

Diploma/ Vocational/ Certification	Area of Spealization	Institution/ University/ Agency Name	Year
HDCA	Computer Application	CSC Computers	2005-2006

### 10) Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	4
M. Phil.	1	-

### 11) Research Publications

#### International

- G.Sindhu, K.Indirani, On Regular generalized star b-closed sets, Int. Journal of Mathematical Archive-4(10) (2013),85-92
- G.Sindhu, K.Indirani, On Contra  $rg^*b$ -continuous functions and Approximately- $rg^*b$ -continuous functions in Topological Spaces, Int.Journal of Mathematical Archive-4(12) ,2013 ,87-93.
- G.Sindhu, K.Indirani, Applications of  $rg^*b$ -open sets , Journal of Global Research in Mathematical Archives, vol 1,No.12,(2013) , 40-49
- G.Sindhu, K.Indirani, On  $rg^*b$ -compactness and connectedness in Topological Spaces, Int. Journal of Mathematical Archive-5(2)(2014), 59-64.
- G.Sindhu, K.Indirani,  $rg^*b$ -Separation Axioms, Int. Journal of Computer Application-4(vol 3),(2014), 146-156

6. G.Sindhu, K.Indirani, G.Sindhu, K.Indirani, On Regular Generalized Star b closed sets in Bitopological spaces, Asian Journal of Current Engineering and Maths (2014) Volume 3.Issue6.22.89-93
7. G.Sindhu, K.Indirani, On  $rg^*b$ -Locally Closed sets in Bitopological spaces, Journal of Global Research in Mathematical Archives, Volume 2, No. 3 (2014), 1-7.
8. G.Sindhu, K.Indirani, Minimal  $rg^*b$ -Open and Maximal  $rg^*b$ - closed sets , Int. Journal of Interdisciplinary Research and Innovations, Vol. 2, Issue 3, 2014, 14-21.
9. G.Sindhu, K.Indirani, New Class of  $rg^*b$ -Continuous Functions in Topological spaces, Int. Journal of Fuzzy Mathematical Archive, Vol. 5, No. 2, (2014), 103-111
10. G.Sindhu, Characterization of a new form of Kernel set in Topological spaces, International Journal of Scientific Research and Review, Vol-8, Issue-6,2019, 740-747.
11. G.Sindhu, Intuitionistic fuzzy soft  $gb$ -closed and  $gb$ -open sets in intuitionistic fuzzy soft topological spaces, INFOKARA Research, Vol-8, issue-10, 2019, 540-554
12. G.Sindhu, Neutrosophic Regular Generalized Star B-Closed Sets In Neutrosophic Topological Spaces, The International journal of analytical and experimental modal analysis, Vol-11 issue-11, 2019, 73-79
13. G.Sindhu, On Pythagorean Nano Regular Generalized Star b-Closed sets in Pythagorean Nano Topological Spaces, Alochana Chakra Journal Volume 9, Issue 8, 2020, 506- 513

12) Other Publications

On Regular generalized star b-closed functions, Proceedings of NARC, (2013),74-78.

13) Presentations in Conference

**International - 3**

**National - 4**

14) Participation in Conference - 5

15) Participation in Seminar-10

16) Participation in Workshop-2

17) Participation in Orientation Programme/ Induction Programme/ Short term Courses

- ❖ Attended an STTP on “*Applications of Mathematical Sciences*” organized by the Dept of Basic Science and Humanities (Mathematics Division), KDK College of Engineering, Nagpur, from 13.07.2020 to 18.07.2020 for 6 days

18) Participation in Faculty Development Programme - 6

19) Conference/ Seminar/ Workshop Organized:

- Seminars- 10
- Workshops - 8

20) Member in Board of Study – BOS member of Mathematics, Nirmala College for Women.

21) Membership in Professional Bodies

<b>Name of Professional Body</b>	<b>Nature of Membership</b>	<b>Duration</b>
Member of Academic Council, Nirmala College for Women, Coimbatore	As a HOD	2014 to Till Date