

## STAFF PROFILE

- 1) Name : C.PRIYADHARSHINI INFANTA  
2) Designation : ASSISTANT PROFESSOR  
3) Department : MATHEMATICS(SF)  
4) Qualification : M.Sc., M.Phil., (Ph.D.),  
5) Experience : Teaching:7 Research: Nil  
6) Area of Specialization (s) : OPERATIONS RESEARCH  
7) E-mail : infantapriya24@gmail.com  
8) Academic Qualifications: M.Sc., M.Phil., (Ph.D.),  
9) Research Publications

### International

- “A study of structural changes of Airway in Human Asthma using Fractal Dimension” ,Global Journal of Pure and Applied Mathematics. ISSN 0973-1768, Volume 13, Number 6 ,(2017),56-60.
- “Modelling of Optimum Number of Insulin Receptors in the Hepatic Cell using Queuing Theory”,International Journal of Innovation in Science and Mathematics, Volume - 6, Issue - 4, July – 2018,125-128.
- “Transient Analysis of M/M/c with vacation and balking” , International Journal of Research and Analytical Reviews, ISSN 2349-5138, Volume 6, 31-35, April 2019.
- “Transient Analysis of M/M/c Queue Having i Customers in the Beginning with Heterogenous Servers under Catastrophes and Balking”, International Journal of Scientific Research and Review, ISSN NO: 2279-543X, Volume 8 Issue 4, April 2019,791-796.
- “Transient Analysis of M/M/c Queue with multiple working vacations and customer’s impatience” ,The International Journal Of Analytical And Experimental Modal Analysis, Volume X1, Issue X, October 2019,2991-2998.
- “Transient Analysis of M/M/c Queue with multiple working vacations and customer’s

impatience under restricted admissibility”, Alochana Chakra Journal, ISSN NO: 2231-3990, Volume 1X , Issue VIII, August 2020, 499-505.

#### 10) Presentations in Conference

##### **National**

- Paper presented on A study of structural changes of Airway in Human Asthma using Fractal Dimension held at PSG Tech,Coimbatore.(International Conference).jan(4-6)/2018.
- Paper presented on Transient analysis of M/M/c with vacation and balking held at Rathinam College,Coimbatore.(International Conference).19/2/2019.
- Paper presented NARC held at Nirmala College for women, Coimbatore.06/12/2017.
- Paper presented NARC held at Nirmala College for women, Coimbatore.4/12/2018.

#### 11) Participation in Workshop

- Participated workshop in open access E-resource for research and INFLIBNET resources on 9<sup>th</sup> November 2018.
- Participated workshop in OUTCOME BASED EDUCATION by IQAC , Nirmala college for women on 22<sup>nd</sup> and 23<sup>rd</sup> june 2018
- Participated workshop in OUTCOME BASED EDUCATION by IQAC , Nirmala college for women on 13<sup>th</sup> october 2018.
- Participated workshop in OUTCOME BASED EDUCATION by IQAC , Nirmala college for women on 24<sup>th</sup> march 2018

#### 12) Participation in Faculty Development Programme

- FDP on Environment Audit of infrastructure,extension activity and institutional social responsibility organized by IQAC on 30<sup>th</sup> October 2015 at nirmal college for women.
- FDP on content development using Joomla organized by department of CS,BCA and IT on 9th april 2019 at Nirmala college for Women.