

## STAFF PROFILE

- 1) Name : Mrs.R. USHA DEVI
- 2) Designation : ASSISTANT PROFESSOR
- 3) Department : DATA SCIENCE
- 4) Qualification : M.Sc.,M.Phil.,(Ph.D).,
- 5) Experience : Teaching :9yrs      Research : 6 Months
- 6) Area of Specialization (s) :Data Mining, Computer Networks
- 7) E-mail : ushadevi@nirmalacollegeonline.ac.in
- 8) Academic Qualifications : M.Sc.,M.Phil.,(Ph.D).,
- 9) Research Publications



### International

- a. **Mrs.R.Ushadevi** and Dr.P.Subhasini .“Image decomposition using Stationary Wavelet Transformation” Proceedings of national conference on Recent Research Trends in Information Technology-NCRIT-2008, RV College of Engineering Bangalore, 7th-8th March2008.
- b. **Mrs.R.Ushadevi**, “Implementation of fuzzy inference system for improved optimization in underwater wireless sensor networks”, International Journal of Scientific Research and Review (IJSRR) No-64656 & Journal of Analytics and Computation (JAC) No-26412,March 2019.
- c. **Mrs.R.Ushadevi**, “Impact Of Social Media on Youth In The Digitized Era”,The International Journal Of Analytical And Experimental Modal Analysis(IJAEMA),SSN 0886- 9367.
- d. **Mrs.R.Ushadevi.**”Detection of malicious node present in Wireless Sensor Networks” Mukta Shabd, July 2020 Vol-09 Issue-7 ISSN: 2347-3150 Pg.No 2538-2545 UGC Care List Group- I Journal.

- e. Ms.R.Hari Priya ,**Mrs.R.Ushadevi** “Heart Disease Prediction Using Machine Learning”, Mukta Shabd, April 2021 Vol-10 Issue- 4 ISSN: 2347-3150 Pg.No 161-165  
UGC Care List Group- I Journal
- f. **Mrs.R.Usha Devi** & Dr.NA.Sheela Selvakumari,has published a paper titled ”CROP PREDICTION AND MAPPING USING SOIL FEATURES WITH DIFFERENT MACHINE LEARNING TECHNIQUES”, Journal of Education:Rabindra Bharati University.ISSN: 0972-7175.VolumeXXIV ,2021-2022 (**UGC Care Journal**)
- g. **Mrs.R.Usha Devi** & Dr.NA.Sheela Selvakumari has presented and published a paper titled”CROP PREDICTION AND MAPPING USING SOIL WITH DIFFERENT MACHINE LEARNING TECHNIQUES” in the 1 st International Conference on Computational Intelligence and Innovative Technologies (ICCIIT – 2022) , at IICMR Pune -44 on 16th and 17th April 2022.
- h. **Mrs.R.Usha Devi** & Dr.NA.Sheela Selvakumari has presented and published a paper on“SOIL AND CROP MAPPING FOR CROP PREDICTION USING MACHINE LEARNING TECHNIQUES” in the International Conference on “Research Practices of Cutting Edge Technologies in Computing”organized by PG & Research Department of Computer Science, Sri Ramakrishna College of Arts & Science, Coimbatore from 11-11-2021 to 12-11-2021.
- i. **Mrs.R.Ushadevi** and Dr.N.A.Sheela Selvakumari “Enhanced Model to Handle Data Sensitivity for Crop Yield Prediction using Machine Learning Techniques”,Journal of Basic Science and Engineering ,2023,Vol-20,ISSN :1005-0930.

#### 10) Book Publications

- Digital Image Processing –Objective Guide in Amazon Kindle.
- Networking Skills in Amazon Kindle.
- Database Administration and Management - Objective Guide in Amazon Kindle
- Seyarkkai Nunarivu in Amazon Kindle

11) Presentations in Conference

**International:2**

**National:2**

12) Participation in Conference: 4

13) Participation in Seminar:21

14) Participation in Workshop: 18

15) Participation in Orientation Programme/ Induction Programme/ Short term Courses:2

16) Participation in Faculty Development Programme:37

17) Conference/ Seminar/ Workshop Organized: 9