

STAFF PROFILE

- 1) Name : Dr.S.Beula Princy
- 2) Designation : Assistant Professor
- 3) Department : BCA
- 4) Qualification : Ph.D
- 5) Experience : Teaching :8years 6 months Research : 5 years
- 6) Area of Specialization (s) : Image Processing
- 7) E-mail : sharmi1318@gmail.com
- 8) Academic Qualifications : BCA., MSc Computer Technology.,Ph.D Computer Science.,
- 9) Research Publications

International

1. Dr. S. Beula Princy, Enhanced E-Shopping Using K-Clustering Techniques, International Journal of Research and Analytical Reviews (IJRAR) ISSN 2348 –1269.
2. S. Beula Princy , Dr.S.Duraisamy. Analysis of Retinal Images Using Detection of the Blood Vessels by Optic Disc and Optic Cup Segmentation Method. International Scientific Journal on Science Engineering & Technology Volume 19, No. 02, March 2016.
3. S. Beula Princy , Dr.S.Duraisamy. A Comparative Study of Different Algorithms for Detection and Segmentation Blood Vessels from Retinal Image. International Journal of Advances in Engineering and Emerging Technology (IAEET), Vol. 8, No. 11, December 2016.
4. S. Beula Princy, Dr.S.Duraisamy. An Efficient Segmentation of blood vessels and optical disc in retinal images using Firefly Optimized ANFIS. International Journal of Pharma and Bio Sciences (IJPBS), Special issue SP – 05 “Science and Management”, pp. 1010-1024, 2017. –(SCOPUS)

National

1. Dr.S.Beula Princy ,R. Uma Maheswari, M. Lincy Jacqueline. Early Detection of Diabetic Retinopathy with Neural Network, Journal on Science Engineering and Technology, Volume 6, No. 02, May 2019.

2. S. Beula Princy, Dr.S.Duraisamy. Glow Worm Optimization based ANFIS with Mahalanobis Distance for Effective True Blood Vessel Detection. The SIJ Transactions on Computer Science Engineering & its Applications (CSEA), Vol. 5, No. 2, March 2017.
3. S. Beula Princy, Dr.S.Duraisamy. Efficient Segmentation of Blood Vessels and Optical Disc in Retinal Images using Genetic Optimized ANFIS. Journal of Advanced Research in Dynamical and Control Systems, 01 Special Issue, 1 -13, April 2017.
4. S. Beula Princy, Dr.S.Duraisamy. Firefly Optimized ANFIS for Segmentation of Blood Vessels and Optical Disc. Accent Journal of Economics Ecology & Engineering (International Journal) UGC Approved No. 48767, Vol.03, Issue 01, January 2018, ISSN -2456-1037.

10) Presentations in Conference

International

- S. Beula Princy, Dr.S.Duraisamy. **A Novel Approach for Segmentation of Blood Vessels and Optic Disc in Retinal Images.** IEEE International Conference on Advances in Computer Applications at Bharathiar University-24th October 2016.

National

- S. Beula Princy, Dr.S.Duraisamy. **Diagnosis of Diseases in Retinal Images with Segmentation of Optic Disc.** National Conference on Computing Trends and technologies at Subramania College of Arts and Science, Palani, Tamil Nadu- 9th March 2017.
- Paper Presented **“EER-AODV: A Novel Energy Efficient Reliable AODV Routing Protocol for Mobile Ad Hoc Networks”** in the National level Conference at Anna University, Coimbatore, Tamil Nadu, India (ON MAY 2013).

11) Participation in Seminar

- Participated in the International seminar on **“RESEARCH ON COMPUTERS: WHY? WHAT? AND WHERE?”** Bharatiyar university, Coimbatore, Tamil Nadu,India (11th MARCH 2013).
- Participated in the international seminar on **“MOBILE APPLICATIONS”** Bharatiyar university, Coimbatore, Tamil Nadu,India (ON 17thDEC 2013).

12) Participation in Workshop

- Participated in two days workshop in Outcome Based Education on 22.06.2018 and 23.06.2018 organized by IQAC , Nirmala College for Women, Coimbatore.
- Participated in Outcome Based Education on 13.10.2018 organized by IQAC , Nirmala College for Women, Coimbatore.
- Participated in Intellectual Property Rights, Patent and Copyrights on 02.02.2019 organized by IQAC , Nirmala College for Women, Coimbatore.

13) Participation in Faculty Development Programme

- Participated in WEB APPLICATION DEVELOPMENT AND DEPLOYMENT USING SPRING FRAMEWORK on 28.11.2019 & 29.11.2019 organized by the Department of computer science , Computer Application and Information technology, Nirmala College for Women, Coimbatore.
- Participated in Google Classroom and Book publishing on 24.10.2017 organized by the Department of computer science , Computer Application and Information technology, Nirmala College for Women, Coimbatore.

14) Editorial/ Review Board Member:

- Reviewer in Journal of Medical Systems from 2019.
- Reviewer in Concurrency and Computation: Practice and Experience Journal from 2019.
- Reviewer in IEEE Access Journal from 2017.