

**Dr. S.BEULA AGNES,
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UDUMALPET
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ACADEMIC DETAILS:

Course/Examination	Year of Passing	Name of the Institution	University/Board	Distinction
PhD (Zoology)	2019	Bharathiar University	Bharathiar University	Highly commamded
M.Phil (Microbiology)	2007	Periyar University, Salem	Periyar University, Salem	First class
M.Sc (Life Science- Zoology)	2006	Avinashilingam Institute for Home science and Higher Education for Women, Coimbatore	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore	First class
B.Sc (Zoology)	2004	Sri G.V.G.Visalakshi college for Women, Udumalpet	Bharathiyar University	First class with Distinction
+2	2001	Bharathiar Government Girls Higher Secondary School, Udumalpet	State Board	60%

10th	1999	Bharathiar Government Girls Higher Secondary School, Udumalpet	State Board	73%
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SKILLS:

- ❖ Establishing global/local connections and relationships around issues of inclusion, language development, social justice, and diversity.
- ❖ Developing teachers who can effectively teach children who are diverse linguistically, culturally, and in their abilities.
- ❖ Utilizing an asset-based, critical pedagogical framework that emphasizes inclusive practices.

EXTRA SKILLS:

- ❖ Honours Diploma in Computer Applications [H.D.C.A] in Micro Computers, Palani.
- ❖ Essential Computer Software [C.E.C.S] In Sri G.V.G Visalakshi College for Women, Udumalpet.
- ❖ Member in Environment Club, In Sri G.V.G Visalakshi College for Women, Udumalpet.
- ❖ Member in Women Studies Centre, In Sri G.V.G Visalakshi College for Women, Udumalpet.
- ❖ Member in GVGVC Institution's Innovation Cell in Sri G.V.G Visalakshi College for Women, Udumalpet.
- ❖ Member in ICT Academy in Sri G.V.G Visalakshi College for Women, Udumalpet.
- ❖ Organised International and National Conference, Seminar and Workshops, Hands on training in Biotechnology, Microbiology and Biochemistry Genetics, Cell and Molecular Biology and Clinical Laboratory Techniques.
- ❖ Organised MoU's with Biotechnology Labs for the practical improvements for students.
- ❖ Organised International and National webinar for various stream students.
- ❖ Organised five days International Seminar in "Recent perspectives in Biology" In Sri G.V.G Visalakshi College for Women, Udumalpet.
- ❖ Organised webinar on Design Thinking, Innovations and Intellectual Property Rights in Sri G.V.G Visalakshi College for Women, Udumalpet.

INTERNSHIP TRAINING DETAILS:

- ❖ Attended training programme on "**Honey Bee cultivation**" conducted by Department of Entomology TNAU, Coimbatore.
- ❖ Attended training programme on "**Mushroom Cultivation**" conducted by Mushroom Research and Training Centre, Department of Plant Pathology Centre of Plant Protection Studies, Mushroom Training Programme, TNAU, Coimbatore.

RESEARCH DETAILS:

CONFERENCES/WORKSHOP/SEMINARS PARTICIPATED

1. National Symposium on recent trends in Applied Biology organized by Department of Life Sciences, Avinashilingam Deemed University, Coimbatore-43, During January 28th and 29th 2004.
2. Participated in State level seminar on "Recent trends in Statistical packaging and Tools" and presented a paper in Recent trends in statistics conducted by department of Zoology, Avinashilingam Deemed University, Coimbatore on 2004.
3. Participated in state level seminar on "Biological resources of our Environment" conducted by Department of Botany, Avinashilingam Deemed University, Coimbatore on 2005.
4. Symposium on recent trends in biochemistry organized by Department of Biochemistry and Biotechnology, Avinashilingam Deemed University, Coimbatore-43, During 23rd March, 2005.
5. Application of statistical tools for data Analysis in research organized by School of Commerce, Bharathiar University, Coimbatore, During 4th to 6th March, 2009.
6. Participated in National level seminar on "Biological Approaches For Monitoring And Protection Of Environment" held at PSGR Krishnammal College for Women, Coimbatore. 11.01.2011-12.01.2011 and presented paper in
 1. **Bioindicators and Biomarkers.**
 2. **Biofertilizer.**
 3. **Biodiversity.**
 4. **Biofuels from micro algae.**
7. Participated in International Conference "Recent trends in the conservation of Bioresources" conducted by Department of Botany and Zoology, PSGR Krishnammal college for Women, Coimbatore on January 2011.
8. Participated in "In house workshop and Hands on training in Biotechnology conducted by Department of Biotechnology by NGM college, Pollachi on February 2012.
9. National level workshop on Antioxidants and Human health Organized by Department of Zoology, Sri GVG Visalakshi College for Women, Udumalpet on March 2014.

10. Participated and presented paper on Influence of Supplementary Diet On The Fatty Acid Composition of *Labeo rohita* in Protifest 2014, CSIR Sponsored National Conference on " Global Opportunities for Recent Developments In Science and Technology by Department of Biochemistry Rev. Jacob Memorial Christian College, Ambilikkai
11. Participated and presented a paper entitled in UGC Sponsored National level seminar on " Eco-Waste Management and Nanobiology held on October 2016 at Sri GVG Visalakshi College for Women, Udumalpet.
12. Participated and presented paper entitled Isolation and characterisation of oil degrading microorganism from soil in the International Conference on Bioscience and Industrial Applications organised by Department of Biochemistry and Microbiology, Sri Ramakrishna College of Arts and Science for Women, Coimbatore.
13. Participated in National level Conference on "Recent trends in Remote Sensing Epidemiology and Nanotherapeutics in Disease Management" held on February 2018, organised by Department of Zoology, Sri GVG Visalakshi College for Women, Udumalpet.
14. Participated in UGC Sponsored National level workshop on " Economics of Agro Forestry" Organised by Post Graduate & Research Department of Economics on February 2018 at Sri GVG Visalakshi College for Women, Udumalpet.
15. Participated and presented a paper entitled " Influence of Biological Signals for the Ecological Behaviors in Fishes" in the 3rd National Conference on " Frontiers In Ecobiological Sciences and its Applications (FESA - 2018) held on February 2018 at School of Sciences, Periyar University, Salem - 11.
16. Participated in two days workshop in Advanced techniques in biology at Centre for Bioscience and Nano science Research, Coimbatore.
17. Participated in three days Faculty Development Programme in Moodle LMS course in Nerbs CS, KAYPEEYES College Of Arts And Science, Kotagir, The Nilgirs,
18. Participated in two days Facts and Perspective of Integrative Biology in Sri Ramakrishna College of arts and Science, Coimbatore.
19. International symposium on biosciences research for present and future Organized by Department of Bioscience, Vivekanandha College for arts and science for women Tiruchengode on 14th Dec 2015.
20. One day National level Seminar on Global Trends in Environmental Chemistry organized by Department of Chemistry, Sri GVG Visalakshi College for Women, Udumalpet on 1st October 2015.
21. One day National level workshop on Conservation of biodiversity for sustainable future organized by Department of Zoology, Sri GVG Visalakshi College for Women, Udumalpet on 5th March 2016.
22. National level seminar on Eco-Waste management and Nanobiology, Organized by Department of Zoology, Sri GVG Visalakshi College for Women, Udumalpet on sep 2016.

23. International Symposium on Mathematical modeling in Real life organized by Department of Mathematics, Sri GVG Visalakshi College for Women, Udumalpet on 9st Feb 2018.
24. 3rd National conference on Frontiers in Ecobiological sciences and its Applications organized by Department of Zoology, Periyar University, Selam on 7th-9th Feb 2018.
25. International Conference on Bioscience and Industrial Applications organized by Department of Biochemistry and Microbiology, Sri Ramakrishna College of arts and science for women, Coimbatore on 16th Feb 2018.
26. Sri G.V.G. Visalakshi College for women and Centre for bioscience and nanoscience research jointly organizing Two days hands on training on recent trends in microbiology and molecular biology on 20_21 Feb 2018.
27. National Conference on Recent trends in remote sensing epidemiology and nanotherapeutics in disease management Organized by Department of Zoology, Sri G.V.G.Visalakshi college for women, Udumalpet on 22.2.2018.
28. Participated in National level seminar on Economic prospects of life science at Sri G.V.G. Visalakshi College for women, Udumalpet on 30.01.2020.
29. Organised National science day at Sri G.V.G. Visalakshi College for women, Udumalpet on 22.02.2020.
30. Participated in webinar series conducted by Curriculum development cell at Sri G.V.G. Visalakshi College for women, Udumalpet on 23.04.2020.
31. Participated in National level seminar on Biodiversity Conservation with special reference to Agro-biodiversity at V.O.Chidambaram College, Thoothukudi on 04.06.2020.
32. Participated in Super Session in Good Teacher to a Great Teacher conducted by ICT Academy Skycampus-Suoer session on 14.05.2020.
33. Participated in Start Ups-IIC conducted by IIC, Sri G.V.G. Visalakshi college for women, udumalpet on 15.10.2020.
34. Participated in Voice of the nation Atmanirbhar Bharath Abhiyan conducted by IIC, Sri G.V.G. Visalakshi college for women, udumalpet on 29.10.2020.
35. Participated in Orientation Session on National Education Policy conducted by IIC, Sri G.V.G. Visalakshi college for women, udumalpet on 11.03.2020.
36. Participated in Orientation Session on Process of Innovation Development conducted by IIC, Sri G.V.G. Visalakshi college for women, udumalpet on 19.11.2020.
37. Organised an Orientation Session on Design Thinking, Innovation and IPR

conducted by IIC, Sri G.V.G. Visalakshi college for women, udumalpet on 01.12.2020.

38. Participated in webinar on My Story- Experience shared by Successful Entrepreneur conducted by IIC, Sri G.V.G. Visalakshi college for women, udumalpet on 9.12.2020.
39. Participated in National level webinar on Nano materials organised by Sadakathullah Appa College, Tirunelveli on 06.06.2020.
40. Participated in National level webinar on Alternative Therapeutics to Contagious Diseases, organised by V.O.Chidambaram College, Thoothukudi on 15.6.2020.
41. Organised Five days International webinar on Recent perspectives in biology organised by Department of Zoology, Sri G.V.G. Visalakshicollege for women, udumalpet on 15.06.2020 to 19.06.2020.
42. Participated in an Orientation session on Awareness skills and job opportunities in sericulture organised by Department of Zoology, Arulmigu palaniadavar arts college for women on 16.6.2020.
43. Organised an National level webinar on COVID-19 and indian traditional medicine system organised by Department of Zoology, Sri G.V.G. Visalakshicollege for women, udumalpet on 28.5.2020.
44. Organised an UG level Students Panel Discussion on "Agropreneurship: Oppurtunities and Challenges by IIC & Department of Zoology, Sri G.V.G. Visalakshicollege for women, udumalpet on 29.04.2021.
45. Organised an National level Faculty Development Programme on "Lab on Chip and Lab on Paper" by Department of Zoology, Sri G.V.G. Visalakshi College for women, Udumalpet on 10th and 11th May 2021.
46. Participated in Two days National level Seminar on "Inclusive, Innovative and Sustainable future of Education-NEP 2020" by Ramnarain Ruia Autonomous College, Mumbai on 24th and 25th May 2021.
47. Participated in an training Program on Flow Cytometry" organised by Vel Tech, R& D, Institute of Science and Technology, Chennai On 25.05.2021.

Research Level:

- ❖ Project works under Department of Biotechnology and UGC of India.
- ❖ Guided Project works for 14 undergraduate Zoology students under Department of Biotechnology and UGC of India.

Paper Publication:

- ❖ Paper Published in International Journal for Engineering and Science research work on “Nutritional level in marine edible fish *Parastromateus niger* and its depletion during storage **ISSN (Online) : 2319 - 6734 ISSN (Print) : 2319 - 6726 cited by American National journal**
- ❖ Research work of PG “Nutritional level in marine edible fishes *Parastromateus niger* & *Hemiramphus gorakpurensis* and its depletion during storage” has published in home journal “research highlights” of Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.
- ❖ Paper Published in International Journal of Experimental pharmacology research work on Influence of Artificial Diet on the Fatty acid composition of freshwater fish *Cyprinus carpio* (**Common carp**) **e-ISSN 2248 - 9169 print ISSN 2248 - 9150**
- ❖ Paper Published in International Journal of Experimental pharmacology research work on Effect of Salinity, Glucose, ATP and Pesticides on Spermatological characteristics of a Cyprinid fish *Barbus conchoniis* (Rosy Barb) **e-ISSN 2249 - 7641 print ISSN 2249 - 765x.**
- ❖ Paper Published in International Journal of Fisheries and Aquatic Studies research work on Influence of Earthworm powder as a supplementary feed diet in the growth and gonadal development in the male *C. carpio*.
- ❖ Paper Published in International Journal of Fisheries and Aquatic Studies research work on Influence of biological factors in relationship with spermatological qualities of common carp (*Cyprinus carpio*)

- ❖ Paper Published in UGC care journal 1 on Application of IOT technology in agriculture cultivation system, Journal of Maharaja Sayajirao University of Baroda, ISSN 002520422. 54:2 pp 107-10.08.2020.
- ❖ Reviews on the Earthworm powder waste diet of *Eisenia foetida* based diet in the aquaculture production, Journal of Sambodhi, ISSN: 2249-6661, Vol-43 (XXI) October-December 2020.(UGC Care Journal 1)
- ❖ Advance Trends in Climatic Smart Agriculture Intercropping, Journal of Sambodhi, ISSN: 2249-6661, Vol-43 No - 04 (XXIV) October-December 2020.(UGC Care Journal 1)
- ❖ **S.Beula Agnes** , E-waste management- A Review in National level seminar on Eco-Waste management and Nanobiology, Sri GVG Visalakshi College for Women, Udumalpet. Bonfring Publications, ISBN 978-93- 86176-36-3.
(Papers Published In Conference Proceedings)
- ❖ Abirami Dhandapani and **S. Beula Agnes**, Identification of mosquitocidal compounds in *Cassia occidentalis* and *Mentha piperita* targeting the midgut protein of *Anopheles stephensi* by the help of homology modeling and docking studies.
- ❖ **S.Beula Agnes** and D.Abirami Influence of biological factor in the reproductive behavior in fishes.
(3rd National conference on Frontiers in Ecobiological sciences and its Applications organized by Department of Zoology, Periyar University, Selam on 7th-9th Feb 2018)
- ❖ **S.Beula Agnes** and D.Abirami Isolation and Characterization of oil degrading microbes in soil by PCR.
- ❖ D. Abirami and **S.Beula Agnes** Larvicidal activity of *Cassia occidentalis* L. and Spinosad against mosquito vector *Culex quinquefasciatus*.
(International Conference on Bioscience and Industrial Applications organized by Department of Biochemistry and Microbiology, Sri Ramakrishna College of arts and science for women, Coimbatore on 16th Feb 2018)

Faculty Development Programmes Attended:

S.No	Details	Date	Institution
1	Webinar series organized by IQAC under UGC PARAMARSH scheme.	03.05.2020 – 09.05.2020	Sri G.V.G. Visalakshi College For Women, Udumalpet
2	National Science Series-Igniting young minds	04.08.2020 - 06.08.2020	Bhaskaracharya College of Applied Science, New Delhi
3	Building a predictive understanding of microbial communities	23.05.2020- 24.05.2020	Nirmala College for women, Coimbatore
4	A conservation effort by wildlife SOS	01.06.2020	Nature Club and Rajapalayam Raju's

			College and wildlife (SOS),Bangalore
5	My Life ,My Pride, My Career	18.08.2020	Patrician College of arts and science, Chennai.
6	Personal Effectiveness- Need of the Hour	14.05.2020	Shakthi institute of information and management studies,Pollachi
7	Design thinking in Global Education,Contemporary Teaching and Learning Techniques	03.06.2020-05.06.2020	Solaris Strategies, Singapore and Audacious dreams foundation Chennai.
8.	The future Education,employment and Enterprenership	04.05.2020-08.05.2020	ICT Academy-Sky campus-Season 4
9.	The Theme of Future Skills	10.05.2020-15.05.2020	ICT Academy-Sky campus-Season 5
10	Methods of Exploring and Capturing Values from Indian Agriculture and Health Sector	03.11.2020	IKS & AICTE, New Delhi
11	Emergence of alternative therapeutic of contagious diseases organized by PG and Research Department Of Zoology ,	11.06.2020 - 12.06.2020	Sri Vasavi College, Erode.
12	Introduction to Industry 4.0 conducted by digital Career and Entrepreneurship Hub of Department of Computer Applications,MHRD BU RUSA Phase II BEICH,Bharathiar University,Coimbatore	23.12.2020 to 10.02.2021	Bharathiar University,Coimbatore

Projects Completed:

- ❖ Influence Of Earthworm Supplementary Feed Diet On The Growth Of The Freshwater Fish *Oreochromis Mossambicus*.
- ❖ Avian fauna Biodiversity in and around Ottukulam and Sengulam lake.

Sports Skill:

Tamil Nadu State Ball Badminton Player, (Coimbatore B Team)

