

## Mrs.N.SHARLY ELGAL

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### Qualification

Degree	Branch	Institution / University	Year of Passing
MSc	zoology	Bharathiyar University	2019
BEd	biological science	Vishwaksena College	2012
Philosophy	Biotechnology	Alagappa	2008
MSc	Biotechnology	Bishop Heber College	2004
BSc	zoology	Holy Cross College	2002

### Additional Qualification

Name of Course	Place of Study	Date	Duration
Known technique to unknown Technique in Biology	St.Joseph's College	November 2018	15 days
AICTE ISTE oriented refresher course	AVC college of engineering, Mayilladuthurai, Tamilnadu	Feb 2021	1 week
Bioanalytical Techniques (Part I) - Microscopy, Chromatography and Centrifugation (Phase I) (4 weeks)	online	January 2024	4 weeks
Certificate course on " Microbiological Technique Phase II"	Department of Microbiology, Sacred Heart College, Tirupattur	22nd April 2024	1 month
Certificate course on " Bioanalytical Technique Phase I"	Department of Microbiology, Sacred Heart College, Tirupattur	3rd january 2024	1 month

### Work Experience

Name of Institution	Address of Institution	Designation	From	To
Vivekanadha Engineering College	Elambalur, Namakkal	Lecturer in Biotechnology	2007	2008
Thanthai Hans roever College	Perambalur	Lecturer in Biotechnology	2005	2007
Thanthai Hans Roever College, Perambalur	Elambalur Road, Perambalur.	Assistant Professor	2006	2008
Vivekanandha Arts and Science College	Namakkal	Assistant Professor	January 2008	april 2008
Bishop Heber college	Puthur, Trichy	Associate Professor	2009	2023

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1.	<b>Conferences / workshops / Seminars Attended</b>	<b>34</b>
2.	<b>Research Papers Presented</b>	<b>17</b>
3.	<b>Publication in Journals</b>	<b>10</b>
4.	<b>Publication in Books</b>	<b>0</b>
5.	<b>Books Published / Edited</b>	<b>0</b>
6.	<b>Conferences / Workshops / Seminars Organised</b>	<b>0</b>
7.	<b>Research Projects</b>	<b>0</b>
8.	<b>Resource Person</b>	<b>2</b>
9.	<b>Consultancy</b>	<b>0</b>
10.	<b>Awards Recieved</b>	<b>1</b>
11.	<b>Patent</b>	<b>0</b>
12.	<b>Extension Activities Undertaken</b>	<b>0</b>
13.	<b>Professional Membership</b>	<b>0</b>
14.	<b>M.Phil. / Ph.D. Produced</b>	<b>0 / 0</b>

1. National level Conference on **"Marine Environs 2024"** sponsored by Department on Env't. Science organized by Department on Env't. Science at Bharathidasan University during 05/06/2024 to 05/06/2024.
2. National level Workshop on **"Online training on " Molecular docking, result interpretation and analysis"** sponsored by DIGISKILL center, ACT academy organized by DIGISKILL center, ACT academy at JSS college of Pharmacy, Kerala during 16/04/2024 to 17/04/2024.
3. International level Conference on **"International Conference on Biotechnological Approachs for global Environmental Problems- ICBAGEP 2024"** sponsored by Department of Biotechnology organized by Department of Biotechnology at Jamal Mohamed College, Trichy during 12/02/2024 to 12/02/2024.
4. National level Conference on **"BioME 24 (Bioscience in Modern era)"** sponsored by Department of Bioscience organized by Department of Bioscience at Sri Krishna Arts and Science College, Coimbatore during 31/01/2024 to 31/01/2024.
5. National level Conference on **"National Conference on Bioscience in Modern Era"** sponsored by Department of Bioscience organized by Department of Bioscience at Sri Krishna Arts and Science College, Coimbatore during 31/01/2024 to 31/01/2024.
6. National level Conference on **"National conference on global opportunities and latest development in Biotechnology"** sponsored by MBSI organized by Department of Biotechnology at JJ college of Arts and Science, Pudukkottai during 04/01/2024 to 04/01/2024.
7. International level Refresher on **"Online training certificate course "Bioanalytical techniques phase I"** sponsored by Western Rio Janerio state university, Brazil and Biotechnology of Society Nepal organized by Sacred Heart College, Tirupattur at Department of Microbiology during 03/01/2024 to 14/01/2024.
8. College level Workshop on **"Training workshop on Biology of Zebra Fish"** sponsored by Department of Biotechnology organized by Department of Biotechnology at Bishop Heber College, Trichy during 20/12/2023 to 20/12/2023.
9. -1 level Workshop on **"Workshop on E-Resources"** sponsored by Department of Library and information science organized by Department of Library and information science at Bishop Heber College, Trichy during 26/03/2021 to 27/03/2021.
10. International level Conference on **"PBTR-2020"** sponsored by Department of Biotechnology organized by Department of Biotechnology at Bishop Heber College, Trichy during 21/01/2020 to 22/01/2020.
11. Regional level Workshop on **"Zebra fish biomedical researcher friend"** sponsored by Biotechnology, BHC organized by Biotechnology, BHC at Bishop Heber College, Trichy during 27/09/2019 to 01/01/1900.
12. International level Seminar on **"? International seminar on analytical technologies in sustainable environment"** sponsored by BRNS organized by Department of Biotechnology and Microbiology at Shri sakthikailash womens college, Salem during 21/08/2019 to 01/01/1900.
13. Regional level Workshop on **"IGNITE 2019"** sponsored by Biotechnology, BHC organized by Biotechnology, BHC at Bishop Heber College, Trichy during 24/06/2019 to 25/06/2019.
14. College level Workshop on **"Examination and evaluation reforms"** sponsored by Internal quality assurance cell (IQAC) organized by BHC at Trichy during 10/03/2018 to 10/03/2018.
15. College level Workshop on **"Analytical techniques for research in physics, chemistry and life science (ATRPCL-2018)"** sponsored by BHC organized by Dept of chemistry at Trichy during 09/03/2018 to 09/03/2018.
16. State level Seminar on **"Translational Biotechnology for a better tomorrow"** sponsored by Department of Biotechnology school of biological science organized by Department of Biotechnology school of biological science at St. Joseph's College, Trichy during 02/03/2018 to 01/01/1900.

17. National level Workshop on **"Discovery and development of novel therapeutic through insilico methods"** sponsored by Department of Biotechnology and bioinformatics organized by Department of Biotechnology and bioinformatics at Bishop Heber College, Trichy during 14/02/2018 to 15/02/2018.
18. Regional level Workshop on **"ecology at topslip"** sponsored by BHC organized by BHC at Annamalai during 10/02/2018 to 11/02/2018.
19. Regional level Seminar on **"Current perspectives in biological sciences"** sponsored by PG and Research Department of Biochemistry organized by PG and Research Department of Biochemistry at Rabiammal Ahamed Maideen College for women, Tiravarur during 24/01/2018 to 01/01/1900.
20. State level Seminar on **"Recent advances in microbial technology for renewable energy, Bioremediation, Health and sustainable agriculture"** sponsored by Department of Microbiology organized by Department of Microbiology at Periyar university, Salem during 24/01/2018 to 01/01/1900.
21. International level Seminar on **"Innovations in pollution control and sustainable environment"** sponsored by organization for industrial, spiritual and cultural advancement OISCA, japan organized by Department of Biotechnology at KSG college of arts and science during 26/09/2017 to 01/01/1900.
22. International level Conference on **"International conference on Frontiers in nano Biotechnolgy"** sponsored by DST organized by Department of Biotechnology, Bishop Heber College at Trichy during 09/08/2017 to 09/09/2017.
23. National level Seminar on **"Envirovision 2017"** sponsored by Dept of environmental science organized by Dept of environmental science at Bishop Heber College, Trichy during 29/03/2017 to 01/01/1900.
24. National level Conference on **"Recent advances in plant science"** sponsored by Department of Plant Science organized by Department of Plant Science at BDU, Trichy during 09/03/2017 to 01/01/1900.
25. International level Conference on **": International conference on recent advances in bionano-science & technology (ICBRT- 2015)"** sponsored by Department of life science, Dhanalakshmi Srinivasan college of Arts and Science for women organized by Department of life science, Dhanalakshmi Srinivasan college of Arts and Science for women at Perambalur during 06/03/2017 to 06/03/2017.
26. National level Conference on **"Computational analysis of molecular data in synergy with Biological application"** sponsored by DST-SERB organized by Department of biotech, Bishop Heber College at trichy during 03/02/2017 to 01/01/1900.
27. National level Workshop on **"Strategies for Biotech entrepreneurship"** sponsored by EDI organized by Sastra university at Thanjavur during 27/01/2017 to 28/01/2017.
28. National level Seminar on **"Network pharmacology-A new horizon in drug design"** sponsored by TEQIP II organized by Department of Biotechnology at BIT campus, Anna university during 30/08/2016 to 31/08/2016.
29. International level Seminar on **"International seminar on Bioscience and its application"** sponsored by Research department of Biotechnology organized by Research department of Biotechnology at Bharathidasan university constituent college, Perambalur during 30/08/2016 to 01/01/1900.
30. National level Conference on **"Frontiers in life science (ICPLS 2016)"** sponsored by St.Joseph College, Department of Biotechnology organized by St.Joseph College, Department of Biotechnology at Tiruchirappalli during 01/07/2016 to 01/08/2016.
31. International level Conference on **"Biodiversity and bioactive natural products for human welfare BioNat 2016"** sponsored by Department of Botany organized by at Govt arts college, Karur during 10/02/2016 to 12/02/2016.



32. National level Conference on "**New Avenues in life science trends and challenges**" sponsored by Dhanalakshimi srinivasan college organized by Dhanalakshimi srinivasan college at perambalur during 28/01/2016 to 29/01/2016.
33. College level Workshop on "**caring the homeless children at tiruchirapalli**" sponsored by Nodal organization, Bishop Heber college organized by Nodal organization, Bishop Heber college at Tiruchirappalli during 03/10/2015 to 03/10/2015.
34. International level Conference on "**International conference on Recent advances in synthetic biology**" sponsored by Department of Biotechnology, Bishop Heber College organized by Department of Biotechnology, Bishop Heber College at Tiruchirappalli during 01/08/2015 to 01/09/2015.



1. **"Preliminary Study of Methanolic extract of Coroupita Guaianensis to be used as Sanitizer"** in the Select conference on *Biotechnological Approaches for global environment Problems* sponsored by , organized by Department of Biotechnology, Jamal Mohamed College at Trichy during 12/02/2024 to 12/02/2024.
2. **"High Fiber Biscuits Using rice bran and prawn shell powder"** in the National conference on *National Conference BioME 24* sponsored by , organized by Department of Bioscience, Sri Krishna Arts and Science College at Coimbatore during 31/01/2024 to 31/01/2024.
3. **"Unlocking the vault of promises: A comprehensive analysis of rumen microbial flora in degradation of PET"** in the National conference on *Global opportunities and Latest developments in Biotechnology* sponsored by MBSI, organized by Department of Biotechnology at JJ College of Arts and Science, Pudukkottai during 04/01/2024 to 05/01/2024.
4. **"Curative property of Adathoda vasica on Klebsiella pneumoniae induced respiratory infection in wistar mice"** in the International conference on ? *International seminar on analytical technologies in sustainable environment* sponsored by BRNS, organized by Department of Biotechnology and Microbiology at Shri sakthikailash womens college, Salem during 22/08/2019 to 01/01/1900.
5. **"Study on effects of degrading organic colorant acid red 88"** in the International conference on *Innovations in pollution control and sustainable environment* sponsored by industrial, spiritual and cultural advancement (OISCA), Japan, organized by Department of Biotechnology at KSG college of Arts and Science, Coimbatore during 26/09/2017 to 01/01/1900.
6. **"Nanosynthesis and characterization of Aegle marmelos leaf extract against human respiratory isolates"** in the International conference on *Frontiers in Nano-biotechnology-ICFNB-17* sponsored by DST-SERB, organized by Department of Biotechnology and Bioinformatics at BHC, Trichy during 09/09/2017 to 01/01/1900.
7. **"Evaluating the role of silver nanoparticles stabilized by Adathoda vasica against human respiratory isolates"** in the International conference on *Frontiers in Nano-biotechnology-ICFNB-17* sponsored by DST-SERB, organized by Department of Biotechnology and Bioinformatics at BHC, Trichy during 08/09/2017 to 01/01/1900.
8. **"Evaluating the silver nanoparticles of Costus igeous against respiratory isolates"** in the International conference on *Frontiers in Nano-biotechnology-ICFNB-17* sponsored by DST-SERB, organized by Department of Biotechnology and Bioinformatics at BHC, Trichy during 08/09/2017 to 01/01/1900.
9. **"Studies on methanolic extract of euphorbia hirta phytochemical analysis, invitro antioxidant and antibacterial activity"** in the National conference on *National conference on Recent advances in plant science* sponsored by UGC & BDU, organized by Dept of plant science, school of life science, Bharathidasan university at Trichy during 09/03/2017 to 01/01/1900.
10. **"Evaluating the pharmacological properties of Adathoda vasica against human respiratory infection"** in the International conference on *international conference on innovative research in life science* sponsored by , organized by life science departments, Dhanalakshmi srinivasan college of Arts & science for women at perambalur during 06/03/2017 to 01/01/1900.
11. **"Review on production of antibiotic like substance from metarrhizium anisopliae and its antibacterial and antifungal activities"** in the National conference on *national conference on computational analysis of molecular data in synergy with biological application CAMB 2017* sponsored by , organized by Department of Biotechnology and Bioinformatics at BHC, Trichy during 03/02/2017 to 03/02/2017.
12. **"Invitro and insilico study on few indian medicine against human respiratory pathogens"** in the International conference on *international seminar on new frontiers and challenges in environmental sciences* sponsored by , organized by School of bioscience, Marudhupandiyar college, Thanajavur at thanjavur during 11/02/2016 to 12/02/2016.

13. **"Assessing the potential of a few indian medicinal plants against respiratory pathogens"** in the International conference on *international conferece on frontiers in life science IFCLS 2016* sponsored by DBT STAR & DST FIST, organized by st.joseph college, Dept of botany at Trichy during 07/01/2016 to 08/01/2016.
14. **"Evaluation of phytochemical and antimicrobial screening of Adthoda vasica against a few respiratory pathogens MDR"** in the National conference on sponsored by Recent trends in standardization and biological evaluation of plant drugs, organized by Department of life science, Srimad Andavan arts and science college at trichy during 29/09/2015 to 30/09/2015.
16. **"Evaluation and characterization of Kerдостis foetidissima against urinary tract infection"** in the Select conference on sponsored by , organized by at during 01/01/1900 to 01/01/1900.



1. **"Phytochemical and antibacterial analysis of Kedrostis foetissima against few respiratory isolates"** published in journal of pharmacy and pharmaceuticals science (PEER REVIEW) Vol. 3, Issue No. 4, January 1900 ISSN : 2278-4357.
2. **"Biosynthesis and characterization of silver nanoparticles from Tragia plukenetii plant extract and their antibacterial activity"** published in online journal of biotechnology research (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : 0975-1734.
3. **"Identification of the compound of Adathoda Vasica by GC-MS analysis and probing the mode of action of the compound by insilico study"** published in asian journal of pharmaceutical and clinical research (PEER REVIEW) Vol. 10, Issue No. 4, January 1900 ISSN : ---.
4. **"Establishing the antioxiat activity of the ethanol extract of Adathoda vasica"** published in International journal for research in applied science and Engineering Technology (PEER REVIEW) Vol. 5, Issue No. , January 1900 ISSN : 2321-9653.
5. **"Investigating the mechanism of action of Adathoda vasica extract against Klebsiella pneumoniae through antibiofilm study and SEM analysis"** published in • International journal of basic and applied research (PEER REVIEW) Vol. , Issue No. , January 1900 ISSN : 2249-3352.
6. **"Assessing the curative properties of Adathoda vasica against Respiratory infections"** published in Journal of Chemical and Pharmaceutical Research (PEER REVIEW) Vol. 8, Issue No. 7, January 1900 ISSN : 0975-7384.
8. **"Establishing the Antioxidant Activity of the ethanol Extract of Adathoda Vasica"** published in International Journal for Research in Applied Science & Engineering Technology (PEER REVIEW) Vol. 5, Issue No. 12, January 1900 ISSN : 2321-9653.
9. **"Ethanobotanical characterization of Coccinia indica against urinary tract infection"** published in • World journal of pharmacy and pharmaceutical science (NON PEER REVIEW) Vol. 7, Issue No. 7, January 1900 ISSN : 2277- 7105.
10. **"Isolation of bioactive compounds from Adathoda vasica and invitro evaluation of their antibacterial and antioxidant potential."** published in • World journal of pharmacy and pharmaceutical science (PEER REVIEW) Vol. 7, Issue No. 4, January 1900 ISSN : 2278 – 4357.

## Awards Recieved

- 1

Award Name	Presented by	Year	Level	Instituted by / Place	amount
Best paper award		01/09/2015	NATIONAL	Srimad andavan arts and science college	



## TRAINING PROGRAMME

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- # NATIONAL level on **"Faculty Development programme"** Sponsored by , Organized by IQAC at Bishop Heber College during 10/06/2024 - 14/06/2024.
- # NATIONAL level on **"Short term course, AICTE ISTE"** Sponsored by , Organized by Department of chemistry at AVC college of engineering, Mayilladuthurai, Tamilnadu during 02/02/2021 - 15/02/2021.
- # NATIONAL level on **"Short term course, AICTE ISTE"** Sponsored by , Organized by Department of chemistry at AVC college of engineering, Mayilladuthurai, Tamilnadu during 01/02/2021 - 13/02/2021.
- # NATIONAL level FTP on **"FTP"** Sponsored by , Organized by Department of Biotechnology at PGPR krishnammal college, coimbatore during 30/08/2019 - 01/01/1900.
- # REGIONAL level on **"faculty recharging programme"** Sponsored by , Organized by IQAC at Bishop heber college, Trichy during 12/06/2019 - 13/06/2019.
- # NATIONAL level REFRESHER on **"Known to unknown techniques in biology"** Sponsored by indian academy of science, INSA, NASI, Organized by Department of Botany at St.joseph college, Trichy during 01/11/2018 - 15/11/2018.

## RESOURCE PERSON

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1. State level Workshop on **"State level hands on training programme on zebra fish as an animal model-A research friend"** at Department of Biotechnology, BHC, 16/02/2024.
2. College level Workshop on **"Molecular Techniques"** at Dept of Environmental science, BHC, 15/02/2024.



**Signature of Staff**  
**(N.SHARLY ELGAL)**