**CURRICULAM VITAE**



**U. ELAYA PERUMAL** NO.1/1, WEST STREET,

VAIRAVIKINARU,

KOODANKULAM (POST),

THIRUNELVELI (DIST),

TAMIL NADU,

INDIA,

PIN: - 627 106.

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**PERSONAL INFORMATION**

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| --- | --- | --- |
| **Name** | **:** | **U. Elaya Perumal** |
| Father Name | : | Mr. T. Ulagalantha Perumal |
| Mother’s Name | : | Mrs. U. Annakkili |
| Date of Birth | : | 05.01.1990 |
| Sex | : | Male |
| Nationality | : | Indian |
| Category | : | BC |
| Languages known | : | Tamil, English; and Hindi (To Speak only) |
| Residential Address | : | No. 1/152, Vembuli Amman Kovil Street,  Madipakkam,  Chennai - 600 091.  Tamil Nadu,  India. |
| GPS Location | : | 12°57'43.19"N; 80°11'46.69"E |
| Contact Number | : | +91 9545348946, +91 9514087595 |
|  |  |  |
| Passport No. | : | L7064360 |
| Date of Issue | : | 05/02/2014 |
| Date of Expiry | : | 04/02/2024 |
| Place of Issue | : | Madurai |

**EDUCATIONAL QUALIFICATION**

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| --- | --- | --- |
| **SLET** | : | TN SET |
| Authority | : | University Grants Commission (UGC) |
| Hosting Institution | : | Mother Teresa Women's University |
| Year of Passing | : | October 2016. |
|  |  |  |
| **Research** | : | Ph.D. Botany (Full time - **Pursuing**) |
| Research Guide | : | Dr. V. Uma Rani, |
| Institution | : | Department of Plant Biology and Plant Biotechnology,  G.S. Gill Research Institute  Guru Nanak College  Chennai – 42 |
|  |  |  |
| **Post - Graduation** | : | M.Sc. (Plant Biology & Plant Bio-technology) |
| Institution | : | Madras Christian College, Chennai - 91 |
| University | : | University of Madras |
| Percentage | : | 71 % (April 2012). |
|  |  |  |
| **Graduation** | : | B.Sc. (Plant Biology & Plant Bio-technology) |
| Institution | : | Guru Nanak College, Chennai - 42 |
| University | : | University of Madras |
| Percentage | : | 68 % (April 2010) |
|  |  |  |
| **HSC** | : | Tamil Nadu State Board |
| **Institute** | : | St. Anne’s Higher Secondary School, Koodankulam, Tirunelveli |
| Percentage | : | 71.333 % (March 2007) |
|  |  |  |
| **SSLC** | : | Tamil Nadu State Board |
| **Institute** | : | St. Anne’s Higher Secondary School, Koodankulam, Tirunelveli |
| Percentage | : | 76.6 % (March 2005) |

**RESEARCH EXPERIENCE**

1. **Reliance – University of Pune Project**

Prof. B.B. Chaugule sir was kind enough to select me as a research fellow on March 15th 2014 in RIL (Reliance Industries Limited) funded project entitled “Algal strain: Collection, isolation and Germplasm Development”. In this project I was carrying my research till 11th September 2014.

**Key works done during the tenure**

* Collection of micro algae from various parts of India.
* Transportation of collected samples in live condition.
* Documentation of collected strains.
* Photomicrography.
* Isolation of microalgae.
* Data maintenance.

1. **UGC Major Research Project**

My post post-graduate research was in Phycology Lab., Department of Botany, University of Pune (Savitribai Phule Pune University) under Prof. B. B. Chaugule. I was working as a project fellow from 11th September 2012 to 31st January 2014 in a major research project entitled “Taxonomical studies on freshwater red algae of southern India” funded by University Grants Commission.

**Key works done during the tenure**

* Collection of Freshwater red algae
* Wet and Dry Preservation
* Taxonomical studies on freshwater red algae
* Photomicrography.

1. **Post Graduate Research**

My M.Sc. research work was on the field of Algal Biology and Biotechnology entitled “Studies on *Scenedesmus* sp. for Sewage Treatment and Lipid production” under the guidance of Prof. M. Baluswami.

**Key works done during the tenure**

* Culturing of algae under different environments
* Growth curve studies.
* Algal harvesting techniques.
* Algal biomass production.
* Lipid extraction and quantification.
* Microphotography.
* Taxonomical Identification.

**WORKSHOPS, SEMINARS AND CONFERENCES**

1. Received the **Best Presentation** and **Best paper** award (2nd prize) for the oral presentation of paper entitled **“Studies on *Batrachospermum* *szechwanense* (Batrachospermales, Rhodophyta) From Kerala State, India”** in national conference “**Algal Biology and Biotechnology”** on 23rd to 25th November 2016 at Department of Biotechnology, **University of Madras**.
2. Involved in National Seminar on “Innovative **Technologies in Insect Science”** on 14th October 2016 at **Guru Nanak College.**
3. Participated two day **National Seminar** on **“Strategies for Quality Enhancement in Higher Education”** held on 15th &16th July 2016 at **Guru Nanak College.**
4. Attended State Level Seminar on **“Science for Indigenous India”,** held on March 28th 2016 at **Guru Nanak College**.
5. Participated in the “**National Seminar o Algal Taxonomy and Applications”,** organized by **Krishnamurthy Institute of Algology,** Chennai and Department of Plant Biology and Plant Biotechnology, **S D N B Vaishnav College,** Chrompet on 27th and 28th November 2015.
6. Participated in the one day **Workshop** on “**Advances in Algal Biotechnology”** held on 21st November, 2015 at **IIT Bombay.**
7. I got knowledge through the one day Workshop on “**Mass Cultivation of Biofertilizers and Biocontrol Agents”** at **Women’s Christian College** Chennai, Tamil Nadu.
8. Contributed through a P**oster** entitled “**Biodiversity of Algae from Swamithope Saltpan, Kanyakumari District, Tamil Nadu, India”** at National Symposium on **“Algae for Human Welfare (AFHW-2015)** in **P.R. Government College**, Kakinada, Andhra Pradesh.
9. Attended **National conference** on **“Scientific Challenges for Clean Environment”** held from 30th to 31st March 2015 at **Guru Nanak College.**
10. **Paper presented** on national Conference at **Bharati Womens College,** Chennai Tamil Nadu, entitled **“Studies on *Sirodotia* *huillensis* (Batrachospermaceae) from Orissa, India”.**
11. Enriched myself in the National Conference entitled “**Perspectives, Potentials and Prejudices of Probiotics”** at Womens Christian College, Chennai, Tamil Nadu.
12. I presented a paper entitled **“*Batrachospermum* *chavanii* sp. nov., (Batrachospermales, Rhodophyta) a freshwater red alga from the Western Ghats of India”** at National Seminar on the Taxonomy and Ecology of Freshwater Algae, Conducted by Albert’s College, Ernakulam, Kerala.
13. I participated in three day workshop on **‘Microscopy’** at **NCL** innovative park, Pune, Maharashtra.
14. The paper entitled **“PHYCOFUEL”** was presented in the seminar conducted by **Madras Christian College** as part of PG Club Activity.
15. Attended Seminar on **“Nature and Biodiversity”** conducted on 8th September 2010 at **Madras Christian College.**
16. Participated one day **Expert Seminar** on **“Intellectual property Rights”** held on 27th August 2010 at **Sathyabama University.**
17. Attended **95th Indian Science Congress** held at **Andhra University** on 3rd to 7th January 2008.
18. Participated **Young Scientist’s Conference on “Environment, Health and Food**” held on 03&04 2007 at **Loyola College.**

**Publications**

1. **U. Elaya Perumal**, Uma Rani, V. & B.B. Chaugule. **“Studies on *Sirodotia* *huillensis* (Batrachospermaceae) from Orissa, India”.** *Journal of Theoretical and Experimental Biology*11 (3 and 4): 45-50, **2015**.
2. Uma Rani, V., **Elaya Perumal U**. & Palanivel, S. "**Morphology and Taxonomy of Oscillatoria princeps Vaucher Ex Gomont (Oscillatoriales, Oscillatoriaceae)".** *Indian Journal of Education and Information Management.* 5 (1): 1–5, **2016.**
3. Uma Rani, V., **U. Elaya Perumal**, and S. Palanivel. “**Biodiversity of Algae From Swamithope Saltpan, Kanyakumari District, Tamil Nadu, India**”., *Seaweed Res. Utiln.* 38(1): 109 – 113, **2016.**
4. Uma Rani, V., S. Palanivel, and **U. Elaya Perumal**. “**Studies on the micro algal flora of Theerthamalai, Dharmapuri District, Tamil Nadu**”. *Seaweed Res. Utiln.*38(1): 131 – 135, 2016.

**TECHNICAL QUALIFICATION**

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| --- | --- | --- |
| Course | : | HDCA |
| Institution | : | CSC Computer Education (Chennai). |
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| Course | : | Basic Skills of Clinical Laboratory |
| Institution | : | Stanni’s Real Diagnostics, Chennai. |
|  |  |  |
| Course | : | Digital Photography |
| Institution | : | Jeya’s Vocational Training Institute, |
|  |  |  |
| Course | : | English Speaking Development Course |
| Institution | : | Oxford Institutes, Chennai. |

**EXTRA ACTIVITIES**

* Founder of Young Phycological Society International (YPSI), A social group for the people who are all working/studying in the field of Algology. It has members from worldwide ([www.ypsi2algae.yolasite.com](http://www.ypsi2algae.yolasite.com)).
* I served as **Cultural and Department Secretary** of Department of Plant Biology and Plant Biotechnology in the year of 2009 -2010 in Guru Nanak College.
* Scout boy in School level (Rajya Praskar awardee).

**KEY STRENGTH**

* + Smart enough to understand any new techniques quickly
  + Capable of handling all type of electronic instruments used in bio-labs
  + Have good experience in Field works
  + Good proficiency in Computer knowledge
  + Confidence
  + Problem-solving
  + Hard working
  + Smooth handling in team
  + Punctuality

**DECLARATION**

I hereby declare that all the information gives above is true to the best of my knowledge and belief.

Date: 01.03.2017

Place: Chennai **[U.ELAYA PERUMAL]**