

CURRICULUM VITAE

SARANYADEVI .A.R

Assistant Professor,
Department of Biochemistry,
Sourashtra College, Madurai- 625 004,
Tamilnadu,India.

Tel: +91 9786268454(M)

e-mail: saranyaar@gmail.com



Academic Background

- Qualified in SET Tamilnadu 2012 in the subject of Lifesciences.
- M.Sc(Genomics), Centre for Excellence in Genomic Sciences, Madurai Kamaraj University, Madurai, TamilNadu, 2006-2008.
- B.Sc(Biotechnology), Department of Biotechnology, Lady Doak College, Madurai, TamilNadu, 2003-2006.

Work experience

- Assistant Professor, Department of Zoology, Fatima College, Madurai (July 2015 - August 2015).
- Assistant Professor, Department of Biochemistry, Sourashtra College, Madurai (December 2015 - Till date).

Additional responsibilities

- Served as organizing secretary in **State Level Workshop on Advanced Techniques in Biotechnology** held on 30th and 31st January 2023 Organized by Department of Biochemistry, Sourashtra College, Madurai.
- Served as organizing secretary in **One-Day Brainstorming Session on Bioinformatics for Beginners** held on 1st November 2023 Organized by Department of Biochemistry, Sourashtra College, Madurai.

Research experience

- **Basic Techniques in Biology**
Department of Biotechnology, Lady Doak College, Madurai (April 2004 – May 2004).
- **Hands on training in Plant Tissue culture**
Department of Plant Breeding and Genetics, Agricultural College and Research institute, Madurai(May 2005-June 2005).

- **Mini project in Microbial techniques on Probiotics**
Department of Agricultural Microbiology, Agricultural College and Research institute, Madurai (December 2005-January 2006).
- **Encapsulation of Probiotics, *Lactobacillus Sp.* for its efficient utilization in the area of Food Biotechnology**
Department of Biotechnology, Lady Doak College, Madurai (November 2006-April 2007).
- ***In silico* modeling and structure based drug design of STAT3 inhibitors**
Centre for excellence in Genomic sciences, Madurai Kamaraj University, Madurai (November 2007-April 2008).
- **Junior Research Fellow – DBT project entitled “Regeneration of High Throughput Plantlets via Somatic Embryogenesis in Pigeon Pea, *Cajanus cajan* L.Millsp.”**
Department of Plant Sciences, School of Biological Sciences, Madurai Kamaraj University, Madurai (June 2008 – June 2010).

Publications

- Karuppanapandian T, **Saranyadevi A R**, Jeyalakshmi K Manoharan K 2008 Mechanism, Control and Regulation of Leaf Senescence in Plants; *J Plant Biol* 35 : 1-15.

Publications in Conference proceedings

- Viji M., Maheswari P., **Saranyadevi A.R.**, Karuppanapandian T., Manoharan K. (2009) Abiotic stress factor induced induction of somatic embryogenesis in green gram, *Vigna radiata* L. Wilczek. In: National Conference on Modern Trends in Plant *in vitro* Biology held at held at Department of Plant Sciences, Bharathidasan University, Tiruchirappalli, 5-6th January, 2009, p 17.
- Viji M., Maheswari P., **Saranyadevi A.R.**, Karuppanapandian T., Janaki C., Christina Jenny E., Manoharan K. (2009). Studies on the induction of somatic embryogenesis in *Cajanus cajan* L. Millsp. In: National Science Day and Aqua-Terr Annual Conference on Organismal and Functional Genomics held at the School of Biological Sciences, Madurai Kamaraj University, Madurai, 14th March, 2009, p 6.

Papers Presented in Seminar/ Symposia

- Paper presented on the topic “**Studies on Inductive conditions of somatic embryogenesis in *Cajanus cajan* (L.) Millsp. & Evaluation of catalase activity in the embryogenic callus cultures**” in National seminar on Conservation methods and Biopotential assessment of Biodiversity organized by Departments of Biochemistry and Microbiology, Sourashtra College, Madurai, 16.03.2016.
- Paper presented on the topic “**Comparative study on the induction of Somatic embryogenesis in Pigeon pea using different plant hormones**” in National seminar on Recent Advances in Biological Sciences organized by Departments of Biochemistry and Microbiology, Sourashtra College, Madurai, 21.09.2017.
- Paper presented on the topic “***In silico* modeling of stat3- α : A therapeutic target in Multiple Myeloma**” in National conference on Recent advancements in Biomedical Techniques organized by Departments of Biological sciences and Electronics & Communication, K.S. Rangasamy College of Arts and Science, Tiruchengode, Namakkal, 01.03.2018.
- Paper presented on the topic “**Comparative analysis of phytoremediating capability of different plant species under zinc stress**” in International seminar on Analytical

technologies in sustainable environment organized Departments of Biotechnology and Microbiology, Shri Sakthikailashh women's college, Salem, 21.08.2019 & 22.08.2019.

Conference / Seminar/ Workshop/FDP Participated

- **One day faculty Development programme “Theme: Redefined role of Teachers”** organized by Sourashtra College, Madurai, 05.03.2016.
- **One day faculty Development programme on “Management of self – A holistic approach”** organized by Sourashtra College Alumni Association and Internal Quality Assurance Cell, Sourashtra College, Madurai, 29.08.2017.
- **National seminar on Bioentrepreneurship** organized by Department of Microbiology and Biotechnology, N.M.S.S.Vellaichamy Nadar College, Madurai, 23.02.2018.
- **Two day faculty Development programme (online mode) on “Virtual Teaching”** organized by Teaching Learning Centre, Coimbatore Institute of Technology, Coimbatore, 20.04.2020 and 21.04.2020.
- **Online course on “Vermiculture and Vermicompost technology”** organized by Arulmigu Palani Andavar arts college for Women, Palani and Dr.N.NT research foundation, Madurai, 11.05.2020-13.05.2020.
- **Five day National level faculty Development programme (online mode) on “Techniques in enhancing Teaching & Learning skills”** organized by Internal Quality Assurance Cell, Idhaya college for women, Kumbakonam, 15.06.2020 – 19.06.2020.
- **One day International conference through online mode on “A Multilingual Programme on Indian Festival – Navarathiri Festival”** organized by departments of Tamil, Hindi, Sanskrit & English and Internal Quality Assurance Cell, Sourashtra College, Madurai, 22.10.2020.
- **UGC STRIDE Workshop on “Statistical data analysis and interpretation”** organized by Mizoram University, Aizawl, Mizoram dated from 13.01.2021 to 18.01.2021(online mode).
- **Two-day Workshop on Bioentrepreneurship** organized by Department of Microbiology Sourashtra College, Madurai, 18.10.2023 – 19.10.2023

Lectures / Talks given

- Guest lecture delivered on topic **“Metagenomics”** to the students of department of Microbiology and Biotechnology, NMSSVN College, Madurai on 29.07.2017.
- Served as resource person for **“Hands on training on Bioinformatics Tools and Techniques”** organized by PG department of Biochemistry, NMSSVN College, Madurai on 14.12.2023.

Webinars participated

- Webinar on the topic of **“How to diagnose novel corona virus (COVID – 19)”** organized by Crescent Innovation Incubation Council dated on 04.05.2020.
- Webinar series on the topic of **“Exploring and understanding world pandemics”** organized by the Department of Microbiology, Ethiraj College for women, Chennai dated from 11.05.2020- 13.05.2020.
- International Webinar on the topic of **“Human trafficking and COVID-19”** organized by the Satyabama institute of Science and Technology, Chennai and International justice mission dated on 14.05.2020.

- International Webinar on the topic of “**COVID-19 vaccine development**” organized by the Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi dated on 15.05.2020.
- International Webinar on the topic of "**Ecotoxicological impacts of nanomaterials**" organized by Department of Biotechnology, Rajah Serfoji Govt. College , Thanjavur, dated on 26.06.2020.
- International Webinar Series on the topic of “**Recent advances in life sciences**” organized by the Department of Zoology, Sri Meenakshi Government Arts College for Women, Madurai dated from 08.07.2020 to 10.07.2020.
- National Level Webinar Series on the topic of “**Beekeeping and its impact on society**” organized by Department of Zoology & Eco club, Arignar Anna Government Arts College, Namakkal dated on 08.07.2020.
- Webinar on the topic of “**Post COVID-19: challenges and opportunities for the Indian pharmaceutical industry**” organized by Faculty of Pharmacy, Kalinga University, New Raipur dated on 10.11.2020.
- Five days International webinar series entitled “**Recent advancements in cancer research and therapy 2020**” organized by the department of Biotechnology (DBT Sponsored STAR Department), Ayya Nadar Janaki Ammal College, Sivakasi dated from 16.11.2020 to 20.11.2020.
- Webinar on “**Plant – environment interactions and sustainable production**” organized by Manipal School of Life Sciences, Manipal Academy of Higher Education, Manipal, Karnataka dated 10.02.2021.
- Webinar on “**Women empowerment**” organized by RRC and YRC, Sourashtra College, Madurai dated 11.03.2021.
- One day National Webinar on “**2D AND 3D animation**” organized by Department of Computer Science (SF), Sourashtra College, Madurai dated 24.04.2021.
- One day Virtual Seminar on “**Tackling environmental challenges for sustainable future**” organized by IQAC and Department of Botany, Sourashtra College, Madurai dated 05.06.2021.
- One day webinar on “**Chill out**” organized by internal quality assurance cell, Sourashtra college, Madurai dated 7.6.2021.
- Webinar on "**Cutting edge technologies in biotechnology**" organized by Department of Biotechnology, The Oxford College of Engineering, Bengaluru dated 21.06.2021 & 22.06.2021.
- National Level Webinar on “**Zoonotic diseases - prevention & control**” organized on the occasion of World Zoonoses Day by the Department of Zoology, Bharathi Women’s College, Chennai dated 06.07.2021.
- National Webinar on “**Trends in bio-entrepreneurship**” organized by Department of Biochemistry, The American College, Madurai on 01 September 2021.
- National level lecture series on “**Biotechnology and IPR**” organized by National centre for excellence (MHRD), Department of Biotechnology & IQAC, Thiagarajar college, Madurai dated 13.9.2021 & 14.9.2021.

Declaration

I, **Saranyadevi**, hereby declare that the details furnished above are true to the best of my knowledge.

Saranyadevi A.R