

PROFILE

Name : P.Viji

Date of Birth : 10.05.1977

Designation : Assistant Professor

Date of Appointment : 22 – 08 – 2013

Teaching Experience : UG: 19 years; PG: 19 Years., M.Phil.: 3 Years

Official Address : Department of Zoology, V.H.N.Senthikumara Nadar College,
Virudhunagar – 626 001

Residential Address : No.7 West Radhakrishnan Ist Cross Street, Ganapathy Nagar
Villapuram, Madurai - 625012

Research Experience : 15 Years

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Educational Qualification:

Examination	Name of the Board/ University	Year of Passing	Percentage of Marks obtained	Division /Class/ Grade
SSLC	Board of Secondary Education, Tamil Nadu	1992	80% of 410/500	I Class
HSC	Board of Higher Secondary	1994	70.7% of	I Class

	Education, Tamil Nadu		849/1200	
Under Graduate	Madurai Kamaraj University	1997	79%	I Class
Post Graduate	Madurai Kamaraj University	1999	75%	I Class with Distinction
Post Graduate Diploma	Bharathiar University	2008	65.6%	I Class

Research Degree(s):

Degrees	Title	Date of year of award	University
M.Phil Zoology	Studies on Biochemical, Histopathological changes and Residue analysis in Rabbits treated with Aluminium Sulphate through various routes	April 2001	Madurai Kamaraj University
Ph.D	Optimization of Gold Nanoparticle synthesis Using <i>Andrographis paniculata</i> and Its Bio-Efficacy	To be completed	Madurai Kamaraj University

Particulars of NET / JRF / SLET / SET/ GATE etc

Name of the Test	Conducting Body	Month & Year	Roll Number	Subject	Score, if Applicable
SET	Bharathiar University	October 2012	03150199	Life Sciences	208

Fields of specialization under the Subject/Discipline:

- Immunology
- Nanobiotechnology

Orientation / Refresher / Other Courses attended

Name of the Course	Academic Staff College, University	Duration in Days	From –To (Mention Date here)
Orientation Course	Academic Staff College, Madurai Kamaraj University.	28 Days	27.10.2015 to 23.11.2015

Refresher Course in Life Sciences - Zoology	Academic Staff College, Madurai Kamaraj University.	21 Days	09-03-2018 to 29-03-2018
Refresher Course in Life Sciences - Zoology	Academic Staff College, Madurai Kamaraj University.	21 Days	16-11-2018 to 06-12-2018
Refresher Course on “Managing online classes and co-creating MOOCS (Level 2)”	Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education	14 days	02.06.2021 to 16.06.2021

Minor Research Project -1

Title of the project	Name of the funding Agency	Duration	Remarks
Green Synthesis of and characterization of copper nanoparticles and its biological application	U.G.C SERO,Hyderabad Amount Sanctioned Rs. 4,50,000 /-	2014- 2016	Principal Investigator

NPTEL Courses Completed: 3

- FDP course on **Wild Life Conservation** through MOOC Provided by NPTEL – AICTE (**August to October 2018**) funded by HRD, Government of India.
- FDP course on **Cell culture Technologies** through MOOC Provided by NPTEL – SWAYAM
- (**February to April 2019**) funded by HRD, Government of India.
- FDP course on **Introduction to Bio Statistics** through MOOC Provided by NPTEL – SWAYAM (**July to September 2019**) funded by HRD, Government of India.

Workshop / Hands on Training Attended- 6

- TNSCST sponsored two day Workshop on “**Conventional and Modern taxonomical tools in faunal Identification**” on **04.10.2017 and 05.10.2017** at Department of Zoology, Lady Doak College, Madurai.

- Two day Workshop on “**Excel Applications in Data Management**” on **03.08.2017 and 04.08.2017** at Department of Management Studies, Mepco Schlenk Engineering College (Autonomous), Sivakasi.
- TANSCHÉ sponsored National level workshop on “**Research Funding Agencies and Project Proposal Writing**” on **17.03.2016** organized by IQAC, Saiva Bhanu Kshatriya College, Aruppukottai.Tamilnadu.
- National Seminar cum Workshop on “**Microbial genomics and Proteomics**” on **18.02.2015 to 20.02.2015** at Department of Biotechnology ,Alagappa University, Karaikudi.
- One day Workshop on “**Nanotechnology** ” on **09.01.2015** at Centre for Nano Science and Technology, Mepco Schlenk Engineering College (Autonomous), Sivakasi.
- State level workshop on “**Statistical solutions to Biological Problems**” on **23.09.2014** organized by Department of Biotechnology, Ayya Nadar Janaki Ammal College ,

Seminar / Conference / Symposia- 2

- Paper title: **Biopreservative metabolites from *Lactobacillus plantarum* against food borne pathogens**-GTN Arts College, Dindigul-state level seminar on Emerging trends in Biology (ETB-2016)- **14.10.2016**.
- Paper title: **Fabrication and characterization of gold nanoparticles and its antibacterial activity**-Department of chemistry, VHNSN College-UGC sponsored national seminar on Recent Advances in chemical research (RACR-2017)- **on 24.01.2017 and 25.01.2017**.

List of Publication-6

- **Viji.P. and Prema P.(2022) “Fabrication of Gold Nanoparticles using *Andrographis paniculate* Leaf Extract and its Potentiality against Plant Pathogens”, Research Journal of Agricultural Sciences. 13 (03): 843-848.**

- **Viji,P.(2016)**“*Antibacterial effect of green synthesized copper Nano particles*”,**International Journal of Current Science Research.2(8):848-855.**
- **Viji, P.(2016)**“*Invitro cytotoxic effect of green synthesized copper Nanoparticles on Mcf-7 cells*” , **International Journal of Current Science Research.2(10):936-947.**
- **Prema, P and Viji, P. (2015).** “*Antibacterial activity of a probiotic Lactobacillus plantarum against urinary tract infection causing pathogens*”, **World Journal of pharmaceutical research. 4(4):2032-2041.**
- **P.Prema, A.R.Arthi and P.Viji (2014)** “*Inhibitory effect of metabolites from probiotic Lactobacillus plantarum on growth of food borne pathogens*” , **World Journal of Pharmacy and Pharmaceutical Sciences, Volume 3, , Pages 1189-1207.**
- **Viji.P and Thangamani (2012).** “*Neutrophil activity of Aegle marmelas to Aeromonas hydrophila in Oreochromis mossambicus*”, **Journal of Bioscience and Research, 3 (2):92-99**

Paper Presentation in Conference/Seminar and Symposium:

- “ **Biosynthesis of Gold Nanoparticles using *Pergularia daemia* pod extract and its antibacterial effect**”, ANJAC, Sivakasi- DPT Sponsored International conference on Recent Progresses in Biological Sciences on **March 4th and 5th , 2022**
- “**Fabrication and characterization of gold nanoparticles and its antibacterial activity**”, Department of chemistry, VHNSN College-UGC sponsored national seminar on Recent Advances in chemical research (RACR-2017)- **on 24.01.2017 and 25.01.2017.**
- “**Biopreservative metabolites from *Lactobacillus plantarum* against food borne pathogens**”, GTN Arts College, Dindigul-state level seminar on Emerging trends in Biology (ETB-2016)- **14.10.2016.**

Workshop / Seminar / FDP / Short Term Course / Webinar through Online

Mode:

Workshop:

- Participated at Three days National Level Workshop on **DNA Barcoding** from **22nd to 24th May 2020** Organised by the Department of Biotechnology, Islamiah College, Vaniyambadi.
- Participated Workshop on **Enhancing Online Teaching and Learning Process** through Technology organized by Department of Computer Science, Lady Doak College, Madurai from **26th to 28th May 2020**.
- Participated in Virtual Workshop on **Advanced PCR Techniques** Organized by the Department of Zoology, VHNSN College on **10th February 2021**.
- Participated Workshop on **Evidence Based Teaching and Learning Strategies in Higher Education** from **May 13th to 15th 2020** Organized by CREATES, IISER Bhopal.

Conference:

- Participated in the Indo – UK Virtual Conference on **Current Innovations and the Future of Therapeutic** Development organized by Centre for Biomaterials Cellular and Molecular Theranostics at Vellore Institute of Technology Vellore and Swansea University, U K during **1st to 3rd 2020**.

Short Term Program:

- Short Term Program on **Building Competencies of Teachers in Blended Learning and Teaching** organized by the Human Resource Development Centre, University of Hyderabad from **17th to 22nd May 2021**.

FDP:

- Participated FDP on **Handling Google Classroom for Evaluating Student Learning** on **24th August 2020** by IQAC, VHNSN College, Virudhunagar
- Participated in One Week FDP on **Transforming Education: The Google Classroom Way** held from **1st June to 7th June 2020** organized by Aachi Institute of Management and Entrepreneurial Development.
- Participated on One Week FDP on **Digital Skills for Smart Teaching** organized by the Department of Education, Annamalai University on **June 12**.
- Participated FDP on **E – Content Creation and Online Learning Management System** organized by the Department of Computer Science from **16th June 2020 to 20th June 2020**

- Participated FDP on **E- Content Creation and Online Learning Management System** organized by Department of Computer Science, Mary Matha college of Arts and Science from **16th June to 20th June 2020**.

Webinar

- Participated in National Webinar on **Shola Forest: A Paradise of Biodiversity** organized by the Department of Botany, Bishop Heber College, Trichy on **30th June 2020**.
- Participated in International Webinar on **Recent Perspectives in Biology** organized by the Sri G.V.G. Visalakshi College for Women, Udumalpet during **15th and 17th June 2020**.
- Participated in National Webinar on **Issues of Waste Management** organized by the Department of Biotechnology, Rajah Serfoji Govt. College, Thanjavur on 5th July 2020.
- Participated in International Webinar on **Recent Advances in Biological Techniques: Methods and Applications** organized by the Department of Biochemistry, Rayalaseema University on **27th and 28th July 2020**.
- Participated on **Advances in Aquatic Animal Health Management** organized by the department of Aquatic Animal Health Management, Dr.M.G.R. Fisheries college and Research Institute, Ponneri.
- Participated Three day Webinar on **Impact of COVID – 19 on Environment** organized by PG and Research Department of Zoology, Arulmigu Palaniandavar College of Arts and culture , Palani on **18-20 June 2020**.
- Participated in National Level Webinar Programme on **Stem Cell Therapy (Past,Present and Future)** organized by the Department of biochemistry , SLS.MAVMM.Ayira Vaisyar College, Madurai held on **05.06.2020**.
- Participated in National Webinar on **Fish Parasites are on the Rise** organized by PG Department of Zoology, Government Arts College, Melur on **4th July 2020**.
- Participated Webinar on **Locusts and their Management** organized by Department of Zoology, S.T.Hindu College on **20.06.2020**.
- Participated in Webinar Series on **Insights into Emerging Diseases – Diagnosis and Therapeutics** held from **18th May to 1st June** Organized by PG and Research Department of Zoology, Lady Doak College, Madurai.

- Participated in National Webinar on **Trends in fisheries and Aquaculture** organized by Department of zoology, Government college for Women (Autonomous), Kumbakonam.
- Attended webinar on **INTRODUCTION TO CANCER AND THERAPEUTICS METASTASIS IN CANCER TRANSLATIONAL MEDICINE WITH AN EMPHASIS ON CANCER**, organized by Mizoram University from **23-25 May 2020**.
- Participated Webinar in **commemoration of International Tiger Day** organized by the PG and Research Department of Zoology, Bishop Heber College, Tiruchiappalli on **29th July 2020**.
- Participated in One day International Webinar on **Role of Riboregulators I Antibiotic resistance in Klebsiella pneumonia** organized by PG and Research Department of Zoology, Arulmigu Palaniandavar College of Arts and Culture, Palani on **28.06.2020**.
- Participated in the National Wildlife Week 2020 Webinar on **Introduction to the World of Butterflies** Organized by the Department of Zoology, VHNSN College in Association with Rhopalocera Association of Rajapalayam on **8th October 2020**.
- Attended International Webinar on **COVID – 19 Pandemic Outbreak: Global Scenario** held on **23rd June 2020** organized by the Department of Chemistry, Deogiri College, Aurangabad, Maharashtra, India in collaboration with the Unit for Drug Discovery and Research, Central University of Technology, Free State, Blemfontein, south Africa.
- Participated Webinar on **Immunology of Covid 19**, Organized by Department of Zoology, Gargi College on **5th August 2020**.
- Participated in International Webinar on **Past, Present and Future Trends in Vaccinology** organized by the Madurai Kamaraj University, Madurai on **20th July 2020**.