

PROFILE

Name: Dr. P.V.Rekha Devi

Educational Qualifications: MSc, UGC-NET, CSIR-NET, PhD, PDF

Designation: Associate Professor

Department: Biotechnology

Date of joining Maris Stella: 22.07.2024



I Academics

Degree	Institution/University	Year
PhD in Genetics	Osmania University	2010
MSc Biotechnology	Indian Institute of Technology (IIT), Roorkee, Uttarakhand	2004

II Professional Experience

Position Held	Institution	Year
Assistant Professor	Department of Biotechnology, Andhra Loyola College, Vijayawada	July 2022 - May 2024
Assistant Professor	Department of Biotechnology, St. Francis College for Women, Begumpet, Hyderabad	July 2019 - 2022
Guest faculty	Department of Regulatory Toxicology and Pharmacology, National Institute of Pharmaceutical Education and Research, Hyderabad	November 2014 - 2017

III Academic & Administrative Roles at Maris Stella

- Dean: Research and Development- July 2024 onwards
- Member of the Research and Ethics Committee: July 2024 onwards
- Member of the IPR Cell: July 2024 onwards
- Head- Dept. of Biotechnology: July 2024 onwards

IV Academic Contributions to other Institutions

- Member of UG Board of Studies for Biotechnology, Krishna University, Machilipatnam:

2024 onwards

V Workshops / FDPs / Training Programmes Attended – 10 - [View](#)

VI Research Contribution

(i) Area (s) of Research: Cancer Biochemistry; Genetic Toxicology

(ii) Research Projects done: 04

1. Principle Investigator (DST WoS-A, October 2014 – 2017): Indian Institute of Chemical Technology, Hyderabad, Telangana, India

Project: Funded by **Department of Science and Technology**, India. (Budget: 30 Lakhs INR)

Title of the project: Repeatedly-heated cooking oil and intestinal cancer development in a mouse model: a mechanistic approach

2. Post Doctoral Research Fellow (D.S.Kothari Post Doctoral Fellowship, September 2013-2014): Department of Biochemistry and Plant Sciences, School of Life Sciences, University of Hyderabad, Hyderabad, Telangana, India

Project: Funded by **University Grants Commission**, India

Title of the project: Intestinal cancer – inhibitory role of phyto-chemicals: An *invivo* and *invitro* approach Supervisor: Dr.Subramanyam Rajagopal, Associate Professor

3. Post Doctoral Research Associate (NIH, RO1 grant, November 2010 – February 2013): Department of Biochemistry and Cancer Biology, Meharry Medical College (MMC), Nashville, Tennessee, USA.

Projects: Funded by **National Institutes of Health, USA**

Title of the project: 1. Characterization of benzo(a)pyrene induced DNA damage in the colon cancer mouse model.

Title of the project: 2. Activities and expression of drug metabolizing enzymes in a colon cancer mouse model exposed to benzo(a)pyrene, an environmental toxicant.

Supervisor: Dr.Aramandla Ramesh, Associate Professor

4. Post Doctoral Research Assistant (DBT-RA, March 2010 – October 2010): Center for Cellular and Molecular Biology (CCMB), Hyderabad, Telangana, India

Project: Funded by **Department of Biotechnology**, India.

Title of the project: Role of Heat Shock Proteins (HSP's) in neurodegenerative diseases.

Supervisor: Dr.A.S.Sreedhar, Senior Principal Scientist.

(iii) Research Papers Published: **26** [View](#)

(iv) Books / Chapters in Books Published - 01

1. Polycyclic Aromatic Hydrocarbons (2012) Aramandla Ramesh, Anthony E. Archibong, Ashley C. Huderson, Deacqunita L. Diggs, Jeremy N. Myers, Darryl B. Hood, **P.V. Rekhadevi**, Mohammed S. Niaz. Veterinary Toxicology: Basic and Clinical Principles, In: Veterinary Toxicology, 2nd Edition; Gupta RC (Ed.), pp. 797-809. **Elsevier Publishers**, Amsterdam. Oxford: Academic Press, 2012, pp. 797-809. ISBN: 978-0- 12-385926-6.

(v) Research Guideship:

No. of students guided for MPhil: 0

No. of students awarded MPhil: 0

No. of students guided for PhD: 0

No. of students awarded PhD: 0

VII Workshops / Conferences / Seminars Organised - 02

1. Organized a two-day International Conference on Innovations in Life Science Research: Harnessing Transformative Technologies for a Sustainable Future (LIFT-2025)” from 11th - 12th March 2025 on behalf of the Department of Biotechnology.

2. Co-ordinated the Intellectual Property Awareness program on 29th January under National Intellectual Property Awareness Mission organized by Intellectual Property Office, India.