

# CURRICULUM VITAE

**Dr. RUPAVATH CHANDRASHEKHAR**

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**Career Objective :** To seek excellence in profession or growth in career and be associated with an organization offering a responsible position where by my academia can best be utilized and serve for the nation.

## **Educational Qualifications:**

<b>S. No:</b>	<b>Qualification</b>	<b>Board/University</b>	<b>Year of Pass</b>	<b>Percentage of Marks</b>
1	Secondary School Certificate (SSC)	Andhra Pradesh State Board	2002	80%
2	Intermediate (IPE)	Andhra Pradesh State Board	2004	81%
3	Bachelor of Science (B.Sc.) (Botany, Zoology, Chemistry)	Kakatiya University	2007	74%
4	Master of Science (M.Sc.) (Botany, Specialization: Cytogenetics and Plant Molecular genetics)	Osmania University	2009	71%
5	Doctor of Philosophy (Ph.D.) (Biological Science)	Osmania University	2015	65%
6	PG Diploma in Computer Applications (PGDCA)	SSIT	2006	94%

**Research & Teaching Experience** : 10 Years

**Ph.D. Thesis** : Assessment of Phytochemicals, Anti-Microbial Activity and Molecular Characterization of non-Bt and Bt Cotton Varieties of Andhra Pradesh.

**Field of Research Interests** : Pharmacognosy, Chemotaxonomy, Herbal Drug Development, Cancer Biology and Preclinical Research.

## **Experimental And Technical Skills:**

Natural Products Isolation, Structural Determination, Basic techniques involved in recombinant DNA technology, DNA & RNA isolation, Molecular cloning, PCR, R-T PCR, Southern hybridization, Northern hybridization, SDS-PAGE, Cell Bioassays, Cell Culture and Data Analysis.

## **Professional Experience:**

- 01/12/2020 to till the day : Assistant Professor (PT) in the Department of Botany, University College of Science, Osmania University, Saifabad, Hyderabad.
- 01/12/2015 to 30/11/2020 : Post-Doctoral researcher at Department of Botany, University College of Science, Osmania University, Saifabad, Hyderabad.
- 25/04/2015 to 30/11/2015 : Research Scientist in Pharmacognosy Division at GREEN EVALUTION LABORATORIES Pvt. Ltd., Wangapally, Nalgonda, Telangana.
- 26/03/2011 to 20/04/2015 : Ph.D. at Department of Botany, UCCS, OU, Saifabad and engaged the classes for B.Sc. I, II- & III-Year Botany Students and M.Sc. Botany Final Year Students as a BSR-RFSMS Fellowship Holder.
- 01/05/2009 to 25/03/2011 : Assistant Professor in the Department of Humanities and Sciences (H & S Dept.) at Sri Sarada Institute of Science & Technology, Andhra Pradesh.

## **Fellowships, Honors and Awards:**

1. UGC-RFSMS-Merit Fellowship JRF, 2011-2013.
2. UGC-RFSMS-Merit Fellowship SRF, 2013-2015.
3. Post-Doctoral Fellowship, UGC, 2015.
4. Awarded memento and certificate for secured first prize in District Level Science FAIR 2000, Sri Saraswathi Sishu Mandir, Nirmal, District Adilabad. 6<sup>th</sup> to 8<sup>th</sup> December, 2000.
5. Recipient of gold medal for best oral presentation for the paper in the 23<sup>rd</sup> APSI Scientists Meet 2014 and National Conference on "Biodiversity and Ecological Sustainability" held at S.C.S (J) College, Puri, Odisha, 15<sup>th</sup> to 16<sup>th</sup> February 2014.

6. Recipient of Young Scientist award for oral presentation at National Conference on Emerging Challenges and opportunities in Agricultural, Social, Plant, Environment, Co-operatives & Technology (ECOASPECT-2016), September 10 to 11, 2016 Organised by Genesis Urban and Rural Development Society at Indian Institute of Rice Research Institute (IIRR), Rajendranagar, Telangana, India.
7. Recipient of Innovative Research Professional in Life Sciences Honor award for best oral paper presentation at International Conference on Emerging Technological & Innovative Research Strategies of Engineering Development and Management Applications (ICETIRSEDMA) & Professional Awards & Honors Convocation, Organised by Innovative Scientific Research Professional Malaysia (ISRPM), 21-22 October 2017, Kuala Lumpur, Malaysia.
8. Recipient of best oral presentation at National Conference on Advances in Life Sciences, Organized by KKHS Arts, SMGL Commerce and SPHJ Science College, 19-20, January 2018, Chandwad, Nasik District, Maharashtra, India.
9. Recipient of best oral presentation at International Conference on "Recent Innovations in Science and Technology, (RIST-2023)", September 30<sup>th</sup>, 2023, Organised by University College of Science, Saifabad, Osmania University, Hyderabad, Telangana, India.

**Professional Member in Societies and Editorial Board Member:**

1. Life member in The *Indian Science Congress Association, India*.
2. Life member in Genesis Urban and Rural Development Society, Hyderabad, India.
3. Life member and Executive Board member in Anveshana Educational Society, Hyderabad, India.
4. Editorial Board Member in 2017-ISRPM-JETR Convention of Innovative Technological Scientific Research Strategies in Science-Engineering-Management & Medical Technology, Kuala Lumpur, Malaysia.
5. Annual member in Academy of Plant Sciences, India.

**Books, Book Chapter and Conducted Seminars:**

1. Book 1: Molecular Biology, ISBN Number-978-93-83587-75-9.
2. Book 2: Notes on Genetic Engineering, ISBN Number-978-93-83587-74-2.
3. Book Chapter 1: Dynamics in Biology, ISBN Number-978-93-87072-44-2.

4. Organised as a Co-Organizing Secretary, A National Conference on Emerging Challenges and opportunities in Agricultural, Social, Plant, Environment, Co-operatives & Technology (ECOASPECT-2016), September 10 to 11, 2016 at Indian institute of Rice Research Institute (IIRR), Rajendranagar, Telangana, India.
5. Organised as a Co-Organizing Secretary, an International Conference on Advances in Agriculture Allied Science Technologies for Sustainable Development (ICAAASTSD-2018) at Prof.G. Ram Reddy Centre for Distance Education (PGRDCE), Osmania University, Hyderabad.

### **Publications& Conferences:**

<b>Name</b>	<b>Number</b>	<b>Remarks</b>
Research Publications	20	All Published
Conference Attended	35	
Conference Poster presentations	6	Secured 1 <sup>st</sup> Prize and Gold Medal
Conference Oral presentations	9	Best Oral Presentation Award and Gold Medal
Workshop Attended	10	Cell Culture, Bio Assays, Molecular Biology, Biostatistics, Research Methodology, Cancer Theronostics and Manuscript preparation

### **Research Papers Published (Best Five Papers):**

1. Protective and therapeutic effect of Protocatechuic Acid in assessment of Letrozole induced Polycystic Ovary Syndrome, R.Chandrashekhar, Vasudha Bakshi, N.Lakshmi Bhavani and Ram Bhavani, Asian Pacific Journal of Reproduction, 2020, 9:50:230-238.
2. Molecular docking Studies of Hydrazide-Hydrazone Derivatives of Gossypol against Bcl-2 Family Antiapoptotic Targets, R.Chandrashekhar, N.Lakshmi Bhavani and Ram Bhavani, Drug Designing: Open Access, 2017, 10.4172/2169-0138.1000155.
3. Cytotoxicity analysis by MTT assay of isolated Gossypol from Bt and non-Bt cotton seeds on HeLa cell lines, R.Chandrashekar, N Lakshmi Bhavani, P. Jyothi Chaitanya and Karunaker Rao Kudle Journal of Pharmacology and Toxicological Studies, Volume 2 , Issue 4, October- November, 2014, Pg.No: 31- 36.

4. Isolation of gossypol and analysis of phytochemicals in seed extract of Bt and non-Bt varieties of cotton, R.Chandrashekar, P. Jyothichaitanya, N.Lakshmi Bhavani, Indian Journal of Pharmacognosy and Phytochemistry, Volume 2 Issue 1, 2013, Pg.No-180-186.
5. Enumeration of methanolic extracted Vinblastine and Vincristine anti-cancer activity on from *Cantharanthus roseus* L. on Vero cell lines, Narendar Vankudothu, S.Y.Anwar, R.Chandrashekar, N.Lakshmi Bhavani, International journal of cancer research, Volume 49, Issue 1, 2015, Pg.No: 1631-1636.

#### **Attended Conferences, Symposiums, Workshops and Seminars:**

1. R.Chandrashekhar, attended International symposium on "Medicinal plants and herbal drugs in human and livestock wealth - A global prospective" on 29<sup>th</sup>-30<sup>th</sup> January 2016 at P.G. & Research Department of Botany (1940-2015, Platinum jubilee), Pachaiyappa's College (1831-2015, 174<sup>th</sup> year), Chennai-600030, India.
2. R.Chandrashekhar, attended International conference on "Plant research and resource management and 25<sup>th</sup> APSI Silver Jubilee Scientist's Meet-2016", 11-13
3. R.Chandrashekhar, attended Two Days Workshop Cum Orientation Program on "BMC Formation & PBR Preparation for Conservation of Biodiversity in Telangana State", 30<sup>th</sup> to 31<sup>st</sup> January 2017 at Department of Botany, University College of Science, Saifabad, Osmania University, Hyderabad, Telangana, India.
4. R.Chandrashekhar, attended Refresher Course on "Multiomic Applications in Medicinal Plant Research" at University of Trans Disciplinary (TDU), February 11<sup>th</sup>-23<sup>rd</sup>, 2019, Bangalore, Karnataka, India.
5. R.Chandrashekhar, attended course work on "Cancer Theronostics", 8<sup>th</sup> to 12<sup>th</sup> July 2019 at JNTUH, Hyderabad, organized by Global Initiative of Academic Network, JNTUH, Hyderabad, Telangana, India.
6. R.Chandrashekhar, participated national level webinar on "Medicinal plants used in Siddha Formulation Currently recommended for COVID 19", 6<sup>th</sup> July 2020,

organized by Sri Meenakshi Government Arts College for Women, Madurai, Tamil Nadu, India.

7. R.Chandrashekar, participated 3 day International E Workshop on "Docking, QSAR and MolecularDynamics", 29<sup>th</sup> to 31<sup>st</sup> July 2020, jointly organized by Department of Biotechnology, Ramaiah Institute of Technology and Department of Pharmaceutical chemistry, Ramaiah University, Bengaluru, Karnataka, India.
8. R.Chandrashekar participated Science Academies' "Virtual Lecture Workshop on Multi-omic applications in medicinal plant research", 10<sup>th</sup> to 12<sup>th</sup> November 2020, organized by University of Transdisciplinary (TDU), Bengaluru, Karnataka, India.

### **Computer Knowledge:**

I am also well conversant with the usage of Computers: PC – Word, PowerPoint, Adobe PageMaker, Adobe Photoshop, Excel, Gene runner and also web based soft wares and databases for sequence analysis with experience in usage of Internet.

### **Teaching Experience:**

Ten years of teaching experience as a Life science (Botany) Lecturer in University College of science, Saifabad, Osmania University, Hyderabad from 2011 to 2020.

### **Extra-Curricular Activities:**

1. Event coordinator in school and college events.
2. Participated in the management events conducted by different institutions.
3. Voluntary work in medical camps.

### **References:**

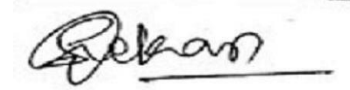
1. Dr.N. Lakshmi Bhavani, Professor (Rtd), Department of Botany, University College of Science, Saifabad, Osmania University, Hyderabad, Telangana, 500004. Phone: 9440550819, Email: bhavaninl@yahoo.co.in.
2. Dr. Ram Bhavani, Director, Green Evolution Laboratories Pvt. Ltd., Wangapally, Nalgonda, Telangana. Phone: 8179802942, Email: bharathram 2015@gmail.com.
3. Prof. Vasudha Bakshi, Dean, College of Pharmacy, Anurag University, Ghatakesar, Telangana, India. Phone: 7702683048, Email: bakshivasudha@yahoo.co.in.

## PERSONAL PROFILE

Name : RUPAVATH CHANDRASHEKHAR  
Father's Name : RUPAVATH KISHAN  
Gender : Male  
Date of Birth : 06<sup>th</sup> February 1987  
Marital Status : Married  
Languages Known : English, Hindi and Telugu  
Nationality : Indian  
Permanent Address : H. No: 2-10/A, Sri Ram Nagar  
Post/Village/Mandal: Neradigonda  
District: Adilabad, Telangana State-504323, India.

### **Declaration:**

I hereby solemnly declare that above furnished information is true to the best of knowledge and belief.



**RUPAVATH CHANDRASHEKHAR**