

## Personal Profile



**Name:** B.Rukmini Devi

**Designation:** Assistant Professor of Botany

**Department:** Botany

**Educational Qualification:** M.Sc (Botany), M.Phil (Botany), TS - AP SET Qualified

**Teaching Experience:** 11 Years ( 7 Years as Asst.Professor in GDCs, 4 Years as Junior Lecturer in Junior College)

**Present Working at:** Govt. Degree College Narsapur, Medak District, Telangana

**Papers Handled:** Paper-I Microbial Diversity and Lower Plants, Paper- II Gymnosperms, Taxonomy Of Angiosperms and Ecology, Paper- III, Plant Anatomy ,Embryology, Paper-IV, Cell Biology, Genetics & Plant Physiology, Paper-V Biodiversity & Conservation, Paper VI-Tissue Culture and Biotechnology, SEC Papers – Nursery and Gardening, Mushroom Culture Technology, Optional Paper- Horticulture.

**Research Experience:** Taxonomy, Anatomy and Plant Physiology

**M.Phil:** Awarded in 2007

**Area of Specialization:** Plant Molecular Genetics, Crop Physiology and Biotechnology

### **Short Term Courses:**

- ❖ Attended one week Online Short Term Course on ICT Tools in Higher Education Sponsored by UGC- HRDC- RUSA organized from 20/08/2020 to 26/08/2020.
  
- ❖ Attended Online short term workshop on MOOCS, Online Courses and Open Educational Resources organized by UGC –HRDC Osmania University from 01.03.2021 to 06.03.2021.

### **Faculty Development Programmes:**

- ❖ Participated in One day State level Faculty Development Programme on “Molecular Docking studies in Drug Discovery” held on 10/03/2023 organised by Department of

Chemistry & Department of Biotechnology, Govt. Degree College for Women (A), Begumpet Hyderabad, in collaboration with Qstatix Pvt.Ltd., Hyd.

- ❖ Attended the FDP Webinar on Objective Based Education (OBE) in HEI organized by the IQAC of GDCW(A), Begumpet, Hyderabad on 10<sup>th</sup> September 2020.
- ❖ Participated in a 3 – day Online Faculty Development Program on ‘Plants for Food and Health Care’ from 12<sup>th</sup> – 14<sup>th</sup> ,August 2020 organized by Yogi Vemana University, Kadapa, Y.S.R.Dist. ,Andhra Pradesh.
- ❖ Participated in a One week National Online Faculty Development Program on “Sustainability of Institutions of Higher Learning in the context of Covid-19: Challenges and Perspectives” Organised by IQAC of Govt. Degree College ,Narsampet, Warangal District,Telangana from 06<sup>th</sup> to 11<sup>th</sup> July 2020.
- ❖ Participated in a One week National level Online Faculty Development Programme on Digital Teaching Tools from 29.6.2020 to 05.07.2020 organised by IQAC Cell, Dept. of Commerce, Comp. Science & Applications, Govt. City College(A),Hyderabad.
- ❖ Participated in Faculty Development Programme from 22.6.2020 to 27.6.2020 on Moodle Learning Management system organized by Govt. Degree College or Women (A), Begumpet with the course material provided by Spoken Tutorial Project, IIT Bombay. This training is offered by the Spoken Tutorial project IIT Bombay conducted by the National Mission on Education through ICT, MHRD,Govt. Of India.
- ❖ Participated in One Week National level online Faculty Development Program on Innovation to Academicians conducted from 11.05.2020 to 16.05.2020 organised by New Generation Innovation and Entrepreneurship Development Centre – Ramachandra College of Engineering (Eluru), National Science & Technology Entrepreneurship Development Board.

**Workshops:**

- ❖ Participated in Online Workshop on ‘Bonsai Making’ organized by Indian Rose Federation affiliated Amaravati Garden Club, Amaravati on 20<sup>th</sup> September,2020.

❖ Participated in a One Week National level Online Workshop on “Yoga – A Science of Breath and Meditation for Subtle Energy Channeling” from 6<sup>th</sup> July to 10<sup>th</sup> July 2020 organized by Dept. of Comp. Science – MGIT in association with Datta Kriya Yoga International Center, Mysore and Impact Foundation, Hyderabad.

❖ Participated in the two Day 4<sup>th</sup> National Level Workshop on NIRF India Rankings 2023 “ held on 21<sup>st</sup> & 22<sup>nd</sup> December,2022 through Online, conducted by Institute for Academic Excellence (IAE), Hyderabad in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.

#### **Refresher and Orientation Courses:**

❖ Participated in the UGC Sponsored Orientation Programme “48<sup>th</sup> Orientation Course” held from 20-11-2017 to 18-12-2017 at ASC ,Jawaharlal Nehru Technological University – Hyderabad, Telangana.

❖ Completed Online Two Week Inter-Disciplinary Refresher Course/Faculty Development Programme on “Managing Online Classes & Co-Creating MOOCS (Level 2)” Conducted by Teaching Learning Centre,Ramanujan College University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, held from 02-16 June 2021.

❖ Completed Online Two Week Refresher Course in “Life Sciences” Conducted by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, held from 28 October – 11 November, 2022.

#### **Training Programmes Attended:**

❖ Attended One day Orientation programme on “Contributor Personality Training “ conducted at Vivekananda Institute of Human Excellence,Hyderabad on 25<sup>th</sup> March,2019 organised by Commissionerate of Collegiate Education, Telangana,Hyderabad.

❖ Attended half a day Orientation programme on “Contributor Personality Training “ conducted at Vivekananda Institute of Human Excellence,Hyderabad on 14<sup>th</sup> September,2018 organised by Commissionerate of Collegiate Education, Telangana,Hyderabad.

❖ Attended 3-day Induction Training Program held from 6<sup>th</sup> October to 8<sup>th</sup> October 2017 at OUCIP,Hyderabad.

❖ Attended the program titled “ Basic Course on Disaster Management” from 31.01.2017 to 02.02.2017 organised by Dr.MCR HRD INSTITUTE, Hyderabad.

**Seminars/Webinars /Conferences Attended:**

- ❖ Participated in a one day National Webinar “Perspectives of Climate Change - with special reference to Plants, conducted by Dept. of Botany , Govt. Degree College for Women, Khammam on 11/06/2023.
- ❖ Participated in International Conference (Virtual Mode) on “Plants & Environment” organized by Dept. of Botany, Giriraj Govt. College (A),Nizamabad in collaboration with Council for Green Revolution, Hyderabad & Dept. of Botany, Telangana University, Nizamabad held on 8<sup>th</sup> February,2021.
- ❖ Participated in National Webinar on “Emerging Aspects of Taxonomy and Biodiversity” organized by Dept. of Botany, Govt. City College (A),Hyderabad in collaboration with Botanical Survey of India, DRC, Hyderabad held on 3<sup>rd</sup> February,2021.
- ❖ Participated in International Webinar on “Urban Farming –Soilless Cultivation” organized by Dept. of Botany, Sri Venkateswara University,Tirupati, A.P., India held on 27<sup>th</sup> January,2021.
- ❖ Participated in National Webinar on “Emerging ,Innovative Prospects of Phyto-nutrients, Phyto-medicines for Human Health – Covid 19 Pandemic” organized by Dept. of Botany, Govt. City College (A), Hyderabad, Telangana, held on 18<sup>th</sup> January, 2021.
- ❖ Participated in International Webinar on “Recent Trends ,Career Challenges and Opportunities in Plant Sciences” organized by Dept. of Botany, Rayalaseema University, Kurnool, A.P., India held on the dates 18<sup>th</sup> & 19<sup>th</sup> September,2020.
- ❖ Participated in the National Webinar on “Virtual Labs” held on 19<sup>th</sup> July 2020 organised by Aurora’s Degree & PG College Hyderabad.
- ❖ Participated in the Webinar on “Biodiversity: the life support system of Earth” held on 25<sup>th</sup> May 2020 organised by Eco club ,Dept. of Botany and Food & Nutrition, RBVRR Women’s College Hyderabad.
- ❖ Participated in the Webinar on “ICT – An Efficient Tool for Effective Teaching” held on 16<sup>th</sup> May, 2020 organised by Bhavan’s Vivekananda College Hyderabad.

- ❖ Participated in the One Day Webinar on ‘Therapeutic Applications of Ayurveda, Naturopathy and Homoeopathy in Covid-19’, Conducted by the Department of Botany, Adikavi Nannaya University on 15.5.2020 on a Virtual platform.
- ❖ Participated in the Webinar on “Research Capability Building- A Strategy to promote Research culture in Higher Education” organised by IQAC of Bhavan’s Vivekananda College Hyderabad from 12<sup>th</sup> – 14<sup>th</sup> May 2020.
- ❖ Participated in the National level Webinar titled ‘Moleculr Insights of Novel Corona Virus’ held on May 14<sup>th</sup> ,2020 organised by Department of Microbiology, Govt. Degree College(A),Begumpet, Hyderabad .
- ❖ Attended International Conference on Green Trends in Environmental Sustainability –ICGTES 2016 held on 16<sup>TH</sup> & 17<sup>TH</sup> December 2016.

#### Extension Service:

- 1.As a part of Extension service actively involved in National Level Free PG Online Coaching for Plant Sciences & Plant Biotechnology ( CPGET-2022 ) as a Resource Person and delivered Lectures during the Academic Year 2022 .This Coaching program was organized by Dept. of Botany, Govt.Degree College for Women Jagtial.Telangana State.
2. As a part of Extension service actively involved in National Level Free PG Online Coaching for Plant Sciences & Plant Biotechnology ( CPGET-2023 ) as a Resource Person and delivered Lectures during the Academic Year 2023. This Coaching program was organized by Dept. of Botany, Govt.Degree College for Women Jagtial.Telangana State.

#### E-Content developed during 2021-2022:

- 1.Economic Importance of Fungi (Part-1)  
<https://youtu.be/7DPAZ1DYqyg?si=QZFhizQenYTm9YOv>
- 2.Economic Importance of Fungi (Part-2)  
<https://youtu.be/vu4LLGGzMsI?si=pKyVZnhrvM0LbiN>
- 3.General Characters of Mastigimycotina (Part-1)  
<https://youtu.be/OYeDHRxZbBc?si=m4c5SzceiVIDHGmC>
- 4.General Characters of Mastigimycotina (Part-2)  
<https://youtu.be/bnGxGeAhx8I?si=p7TX7NZZTICZ5Aml>
- 5.Albugo Life Cycle  
[https://youtu.be/ss0MewnWTFQ?si=M3OxwwvygSxJg\\_oy](https://youtu.be/ss0MewnWTFQ?si=M3OxwwvygSxJg_oy)

### E-Content developed during 2022-2023:

- 1.General Characters of Fungi (Part-1)  
<https://youtu.be/koi2AMEg5dc?si=gf4FCh9qFeDkH-aT>
- 2.General Characters of Fungi (Part-2)  
<https://youtu.be/HgsKIWQO-tQ?si=tZLPTnNmD0K0K4qd>
- 3.Asexual Reproduction in Fungi  
<https://youtu.be/yDNRGZ6MLPc?si=aXw9hAN-FHcuzZWG>
- 4.Sexual Reproduction in Fungi  
[https://youtu.be/9S3GlcZ8SkU?si=A0teUMz\\_7x44dvje](https://youtu.be/9S3GlcZ8SkU?si=A0teUMz_7x44dvje)
- 5.Mucor Life Cycle  
[https://youtu.be/Bcenz2lbr\\_4?si=Yfkt2GvL1b-O-lzP](https://youtu.be/Bcenz2lbr_4?si=Yfkt2GvL1b-O-lzP)
- 6.Penicillium Life Cycle (Part-1)  
<https://youtu.be/1U4RN6byUQQ?si=97aSNw7qV17YwkzW>

### Outreach Programmes Conducted:

- ❖ Conducted an awareness programme on International Forest Day at Z.P.High School Pedda Chintakunta village on 21/3/2022.
- ❖ Conducted an Awareness Programme on Balanced Diet – Healthy Food “ at Anganwadi Centre, Pedda Chintakunta Village on 06/09 /2022 for the benefit of pregnant and lactating women of Pedda Chintakunta Village.
- ❖ Conducted an Awareness Programme on Eco Friendly Diwali celebrations at Z.P.High School Pedda Chintakunta Village on 22/10 /2022 for the high school students.
- ❖ conducted an Awareness Programme on Eco Friendly Ganesh Chaturdhi Celebrations and Medicinal Value of 21 types of leaves used to worship Lord Ganesha on Ganesh Chaturdhi festival .This awareness program was conducted at Z.P.High School, Chinna Chintakunta Village on 16/9/2023 for the benefit of high school students.

### Field Visits Conducted:

#### A.Y.2021-2022

As a part of Field study visited Narsapur Central Nursery along with 1<sup>st</sup> ,2<sup>nd</sup> & 3<sup>rd</sup> year B.Sc., BZC,BCCS, BZCS Students.

**A.Y.2022-2023**

Field Visit conducted in Peddachintakunta Village for II Year B.Sc., BZC, BCCS & BZCS Students.

**Stuent Study Projects Supervised:**

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**A.Y.2022-2023**

Title of the Project: “Study of Plant Diversity in Peddachintakunta Village”

**Papers Presented in National/International Seminars:**

Participated and presented paper on the topic “Seaweeds – A Unique and potential Resource with numerous benefits: A Review” in a two day National seminar on Perspectives of Hydrobiology held from 18<sup>th</sup> to 19<sup>th</sup> January 2023 , Organized by Dept. of Zoology, S.R.R.Govt.Arts & Science College (A),Karimnagar, Telangana State.

**Certificate Courses Conducted:**

**A.Y.2022-2023**

**Title of the Course:** Seed Technology