# MVS GOVERNMENT ARTS & SCIENCE COLLEGE (AUTONOMOUS), MAHABUBNAGAR.

### **DEPARTMENT OF BOTANY**

### **BIO- DATA:**

#### EMPLOYEE ID: **1758194**

1. Name: Dr G. RAJENDAR

- 2. Father's name: G. VENUGOPAL
- 3. Mother's name: G. PUSHPAVATHI
- 4. Date of birth: **12-06-1980**
- 5. Qualifications: M.Sc., Ph.D.
- 6. Subject: Botany.
- 7. Specialization: Applied Mycology and Molecular Plant Pathology
- 8. Date of award of Ph.D & University: 09-02-2022, Osmania University.
- 9. Date of appointment in to Govt. Service with designation: 12-09-2012, Junior Lecturer.
- 10. Date of retirement: **30-06-2041**
- 11. Date of appointment as degree college lecturer: 01-08-2016.
- 12. Date from which working in the present college: 14-04-2022
- 13. Service completed as on 01/06/2023(Y & M): 11 Years.

#### 14. No. of seminars/workshops organized.

S.No	Title of the seminar/workshop	Funded by	Organized dates.
1	Millets: The Miracle Food for Future	Department of Botany	29-04-2023



# 15. Details of Research articles published.

S.No	Title of the research publication/Boo k	Name of the journal published	Type of the journal(UGC Care/ Peer reviewed etc.)	Month & Year of publication	ISSN No.
1	Phytochemical Screening of Traditional Medicine and its Constituent Plants Used for Regulating the Menstrual Cycle Disorders.	Journal of Information and Computational Science	UGC Care	Oct-20	1548- 7741
2	Traditional medicine used by chenchu tribes in nallamala forest, Telangana to regulate menstrual cycle disorders.	Paramount Publishers	Peer reviewed	Nov-22	978-93- 93259- 95-0
3	Ethnomedicinal values of Tribulus terrestris used in menstrual disordersused by Chenchu tribes of Amrabad, Nallamala forest, Telangana	TOUCAN Research and Development	Peer reviewed	2023	978-81- 958888- 4-9

## 16. Details of RCs/ OCs attended:

S.No	.RC/OC	Date (from -to)	Title of RC/OC	Organised by
1	OC	20-01-2020 TO 10-02-2020	92 nd Orientation Program	UGC, HRDC, OU, HYD
2	RC	14-03-2022 TO 25-03-2022	Blended Learning in Higher Education	Dr. BRAOU, HYD and CEMCA
3	RC	28-06-2022 TO 12-07-2022	Natural sciences	TLC, Ramanujan College, New Delhi
3	RC	23-01-2023 TO 06-02-2023	Advanced Research Methodology	TLC, Ramanujan College, New Delhi
4	RC	22-05-2023 TO 05-06-2023	Advanced Research Methodology	TLC, Ramanujan College, New Delhi

#### 17. Details of papers presented in National & International conferences /Seminars:

S.No	Title of the Paper Presented	Name of the Seminar/Conference	Date of presentation
1	Emerging trends in Higher education, Role of IQAC: Innovations and Best practices in Higher education- DOST Degree online services Telangana	Emerging trends in Higher education, Role of IQAC: Innovations and Best practices in Higher education	06, 07, NOV- 2019
2	Traditional medicine used by chenchu tribes in nallamala forest, Telangana to regulate menstrual cycle disorders.	Forest Resources, Diversity, Utilization and Conservation"	05-Nov-22
3	Ethnomedicinal values of Tribulus terrestris used in menstrual disordersused by Chenchu tribes of Amrabad, Nallamala forest, Telangana	Impact of Innovative Global Research Techniques and Methodologies to Analyze Specific Research Area" (IIGRTMASRA-2023)	13, 14, March- 2023

#### 20. Research Experience (Give brief detail in 250 words)

Dr. G Rajendar, a renowned botanist and researcher, achieved a significant milestone in 2022 when he was awarded a PhD from Osmania University. His doctoral research, conducted at the Department of Botany, focused on the ethno-botanical studies of plants used by the Chenchu tribes in the Amrabad area of the Nallamala Forest, Telangana, with a special emphasis on menstrual disorders.

During the course of his research, Dr. Rajendar personally visited the Amrabad region and engaged in extensive interactions with Chenchu healers. Through these interactions, he documented and enumerated a total of 45 ethnomedicinal plants utilized by the tribe. The forms in which these plants were used included fresh and dried preparations. Dr. Rajendar also studied two different combinations of these plants, investigating their preparation methods, chemical analysis, and ethnomedicinal uses.

In addition to his doctoral research, Dr. G Rajendar has played an active role as a supervisor for two Jignasa Projects, which are student study projects under the CCE (Continuous and Comprehensive Evaluation) program. He presented one of these projects at the state level and the other at the district level, showcasing his commitment to nurturing and mentoring young researchers.

Recognized for his expertise in the field, Dr. Rajendar has actively participated in numerous national and international seminars, conferences, and workshops. His engagement has spanned both online and physical modes, contributing to the dissemination of his research findings and fostering collaborations with fellow scientists.

Dr. Rajendar's research skills encompass a wide range of techniques, including taxonomic identification of plants and their description, microscopic and molecular techniques, chemical analysis of primary and secondary metabolites in plants, as well as microscopic study of fungi and bacteria. His multidisciplinary approach and proficiency in various scientific methodologies have enabled him to make significant contributions to the field of ethno-botany and medicinal plant research.

SAVE PLANTS, SERVES YOU.

Dr G. Rajendar