


FACULTY PROFILE

Name	DR SARITHA PENDLIKATLA	
Designation	Lecturer in BOTANY	
Date of Appointment	12.09.2016	
Date of Join in Current Station	12.09.2016	
Email ID	sarithapendlikatla@gmail.com	
Website/Blog	www.saritha.bot	

❖ Qualification: (highest to PG)

Qualification	Institution /University
Ph.D	Sri Venkateswara University, Tirupati
PG - BOTANY	Sri Venkateswara University, Tirupati.
PG Diploma in Plant drugs	Sri Venkateswara University, Tirupati.
BEd	Annamacharya college of education, Rajampet.

❖ Career Profile - 12 yrs of experience.

Designation	Institution	Period
Lecturer	Dravidian University, Kuppam	2009 - 2015
Lecturer	Center of Excellence, AP Social Welfare Residential Society, Pulivendula	2015 - 2016
Lecturer	SGS arts college, Tirupati	2016 - till today

❖ Training Programmes (OC/ RC/ Others) attended : 30

❖ PATENTS : 4

S.No	Title of Patent
1	Mask with air purification mechanism.
2	Artificial neural network based enhancement of production system in smart industries.

3	Agricultural land pollution identifying device
4	Halymenia Porphyroides Based protein interactive Nanoparticle Composition

❖ Awards / Honours/ Distinctions: 10

Name of the Award	National/State level / Regional	Awarding authority/ Organization	Year
Appreciation certificate from the Secretary	State	AP Social welfare Residential Society, Amaravati.	2016
Young Scientist Award	International	Elsevier	2020
Best woman researcher award	National	Ssrn	2021
Best researcher award	International	VDG organization	2021
Best Young Scientist Award	National	Amiruddaula Islamia college.	2021
Best Academician award	International	Elsevier	2021
Award for outstanding performance in Teaching	International	Association of Research and Development Organization	2021
Excellence in Research	International	Shia & PG Degree College	2021
Award for Distinguished thesis (PhD)	International	RES	2021
Distinguished woman Scientist Award	International	USRD	2022

❖ MEMBERSHIP :

S.No	Name of the Organisation/ Association
1	NESA

Research Publications:

Publication Profile	International	National	State
Peer reviewed Publications	12	6	1
Conference Proceedings	5	9	-

Books Chapters Published		2	
Books Published	16		
Invited talk.	1		

BOOKS PUBLISHED : 16

Saritha Pendlikatla, 2021. Studies on ecology of ***Celosia argentea L.*** ISBN - 13 : 978-620-4-21255-5

Saritha Pendlikatla, 2021. 'Phytocoenology of weeds in groundnut fields of Andhra Pradesh, ISBN - 13 : 978-620-4-73843-7

Saritha Pendlikatla, 2021. Allelopathic effects of ***Celosia argentea L*** on crop plants seed germination. ISBN -13: 978-620-4-73991-5.

Saritha Pendlikatla, 2022. Impact of Landscape on students behavior. 978-620-5-50168-9

Saritha Pendlikatla, 2022, Allelopathische Wirkungen Von ***Celosia argentea L*** Auf Kulturpflanzen Keimung von Saatgut. ISBN:978-620-4- 46770-2

Saritha Pendlikatla, 2022, Efectos Alelopáticos De ***Celosia argentea L*** Sobre Las Plantas De Cultivo Germinación de las semillas. ISBN: 978-620-4-46771-9

Saritha Pendlikatla, 2022, Effets Allélopathiques De ***Celosia argentea L*** Sur Les Plantes Cultivées Germination des semences. ISBN:978-620-4 - 46772 -6

Saritha Pendlikatla, 2022. Effetti Allelopatici Della ***Celosia argentea L*** Sulle Piante Coltivate Germinazione dei semi. ISBN: 978-620-4-46773-3

Saritha Pendlikatla, 2022. Efeitos Alelopáticos Da ***Celosia argentea L*** Nas Plantas Cultivadas Germinação de sementes. ISBN: 978-620-4-46774-0

Saritha Pendlikatla, 2022, Аллелопатическое Действие *Celosia argentea* L На Культурные Растения Прорастание семян. ISBN: 978-620-4-46775-7

Saritha Pendlikatla, 2022, Phytosoziologie Der Unkräuter In Unbewirtschafteten Erdnussfeldern Andhra Pradesh. ISBN:978-620-4- 46782-5

Saritha Pendlikatla, 2022. Fitosociología De Las Malas Hierbas En Campos De Cacahuets No Gestionados Andhra Pradesh. ISBN:978-620-4-46783-2

Saritha Pendlikatla, 2022. Phytosociologie Des Mauvaises Herbes Dans Les Champs D'arachide Non Gérés Andhra Pradesh. ISBN: 978-620-4-46784-9

Saritha Pendlikatla, 2022. Fitosociologia Delle Erbacce Nei Campi Di Arachidi Non Gestit Andhra Pradesh. ISBN: 978-620-4-46785-6

Saritha Pendlikatla, 2022. Fitossociologia Das Ervas Daninhas Em Campos Não Administrados De Amendoim Andhra Pradesh. ISBN:978-620-4-46786-3

Saritha Pendlikatla, 2022. Фитосоциология Сорняков На Неуправляемых Полях Арахиса Андхра-Прадеш. ISBN: 978-620-4-46787-0

RESEARCH PAPERS PUBLISHED : 18

2012

P.Saritha, A.Sreeramulu, 2012. Biodegradation of stems immersed in garden soil. Journal of Indian Botanical Society, vol 91(1-3), 245-249pp.

P.Saritha, A.Sreeramulu, 2012. Phyllosphere mycoflora of *Celosia argentea* L. An International journal of Nature environment and pollution technology, vol 11, No.4; 549-552pp.

2013

P.Saritha, A.Sreeramulu, 2013. Microbial succession on degrading stems of *Celosia argentea* L. immersed in garden soil. An International journal of Life sciences Biotechnology and pharma research, vol 2, No 1; 43-46pp

P.Saritha, A.Sreeramulu, 2013. Allopathic effects of *Celosia argentea* L leaf extracts on crop plant seed germination. An International journal of Life sciences Biotechnology and pharma research, vol 2, No 1; 56-64pp

P.Saritha, A.Sreeramulu, 2013. Allopathic effects of *Celosia argentea* L extracts on spermosphere microorganisms. An International journal of Life sciences Biotechnology and pharma research, vol 2 No 1; 76-79pp.

P.Saritha, A.Sreeramulu, 2013. Effect of Gibberellic acid on seed germination of *Celosia argentea* L., International journal of Life sciences Biotechnology and pharma research, Vol 3, No.1; 98 - 102pp.

P.Saritha, A.Sreeramulu, 2013. Spermosphere micro organisms of *Celosia argentea* L & it's relationship with germination studies. International journal of Life sciences Biotechnology and pharma research, Vol 2, No.1; 114-118pp.

P.Saritha, A.Sreeramulu, 2013. Phytosociology of *Celosia argentea* L., International journal of Life sciences Biotechnology and pharma research, Vol 2. No.1; 128 - 132pp.

P.Saritha, A.Sreeramulu, 2013. Allopathic effects of *Celosia argentea* L root extracts on crop plant seed germination. International journal of Life sciences Biotechnology and pharma research, vol 2, No.1; 142-154pp

2014

P.Saritha, A.Sreeramulu, 2014. Effect of different herbicides/certain chemicals on *Celosia argentea* L weed plant.,Vol 4. Issue 1; 63-65pp

P.L.Narasimha Reddy, P.Saritha, 2014. Anti fungal activity of selected medicinal plants extracts against soil born plant pathogenic fungi. Indo American journal of pharmaceutical research, Vol 4, issue 03.

P.Saritha, A.Sreeramulu, 2014. Studies on seed germinability of *Celosia argentea* L. Indian journal of pharmaceutical Science & Research, Vol 4, Issue 1; 40-42pp.

P.Saritha, A.Sreeramulu, 2014. Studies on ecology of *Celosia argentea* L. Indian journal of pharmaceutical Science & Research, Vol 4, Issue 1; 60 -62pp.

2015

P.L.Narasimha Reddy, **P.Saritha**, 2015. Role of medicinal plants in women folk health care. New horizons in biotechnology, Paramount publishing house, India. 245 - 249pp.

2020

P.Saritha, M.Kalpana, 2020. Impact of landscape on students in educational institutions. International journal for innovative engineering and management. 185 - 187pp.

2021

P. SARITHA, P Neelarani, N.Navya Nikhitha, A. Surekha, 2021. Phytocoenology of weeds in groundnut fields of Y.S.R.District. Recent Research in Medical & Life sciences, MKSES Society, Lucknow, India; 40 - 44pp. ISBN : 978-93-91248-26-0.

P. SARITHA, 2021. Impact of landscape on students behavior. Journal of Research & Development' A Multidisciplinary International Level Referred and Peer Reviewed Journal, Impact Factor-7.265, ISSN: 2230-9578, December 2021, Volume-12, Issue-22.108-110pp

P. SARITHA, A. Surekha, 2022. Woman empowerment. Journal of Research & Development' A Multidisciplinary International Level Referred and Peer Reviewed Journal, Impact Factor-7.265, ISSN: 2230-9578, December 2021, Volume-12, Issue-23.158-159pp

2013

P. SARITHA, 2013. Kalupu py gelupu. Eenadu telugu daily (Journalist column). 9pp.

Research Papers presented : 14

1. Presented a paper on 'Seed germinability of *Celosia argentea* L, a crop plant weed in Andhra Pradesh and its relationship with spermosphere microorganisms' in an International Society of Biotechnology conference, Sikkim Manipal University, conducted by Sikkim Manipal University, Sikkim.

2. Presented a paper on 'Effect of phytohormones on seed germination of *Celosia argentea* L, in a National seminar on Emerging trends in Plant

Biotechnology, organized by PG & Research Dept of Plant Biology & Plant Biotechnology, Coimbatore, Tamil Nadu.

3. Presented a paper on Allopathic effects of *Celosia argentea* L, a weed plant on crop plants seed germination in national seminar on Emerging trends in Plant Biotechnology, organized by PG * Research, Dept of Biotechnology, Coimbatore, Tamil Nadu.

4. Presented a paper on Effect of Gibberellic acid on *Abelmoschus esculentus* L Moench plant growth in national seminar 'Present status and future prospects of modern Biotechnology and their applications'. Organized by Dept of Biotechnology, Dravidian University, Kuppam.

5. Presented a paper on 'isolation, identification and screening of cellulolytic fungi from different soil samples of Chittoor district' in national seminar Present status and future prospects of modern Biotechnology and their applications organized by Dept of Biotechnology, Dravidian University, Kuppam.

6. Presented a paper on 'Role of medicinal plants in woman folk health care' in a National seminar conducted on New horizons in biotechnology by KVR degree college, Kurnool, Andhra Pradesh.

7. Presented a paper on 'Phytosociology of weeds in groundnut fields of YSR District' in an International seminar on Recent advances in emerging technologies and its impact on Biological sciences, conducted by Vikrama Simhapuri University, Nellore.

8. Presented a paper on 'Ethnomedicinal plants used by tribal communities in Rangampet region of Chittoor district, A.P' in a National seminar on Dravidian

herbal heritage conducted by Dept of Biotechnology, Dravidian University, Kuppam.

9. Presented a paper on ' Impact of greenary on human health' in ESW 8th annual national Research conference on Anthropogenic impact on the environment, society and human health, organized by Environment & Social Welfare Society, Khajuraho.

10. Presented a paper on 'Phytocoenology of weeds in groundnut fields of YSR District' in an international conference on Agricultural & Biological Science Research, conducted by Kalp Laboratories, Plant Research & Educational Promotion Society, Hindustan Agriculture Research Welfare Society, Agra.

11. Presented a paper on 'Phytocoenology of weeds in groundnut fields of YSR District' in a National conference on Advancements in interdisciplinary Research, conducted by Amarudduala Islamia degree college, Lucknow.

12. Presented a paper on Impact of landscape on students behavior in an International conference on Mahatma phule, Rajarshi shahu and Dr B R Ambedkar - Thoughts and works Organized by Chhatrapathi Shivaji Mahavidyalaya, Kalamb, Osmanabad.

13. Presented a paper on, 'Woman empowerment' in an international conference on Ecology, economy, emerging technology & people for sustainable livelihood in Saarc countries conducted by University of Swabi, Pakistan on 28.01.2022.

Invited talk

14. Delivered an Invited talk on Effect of Phytohormones and spermosphere microorganisms on Seed germinability of *Celosia argentea* L in a three days

International conference on Advancements in interdisciplinary Research held in Lucknow, U.P.

Conferences/ Seminars/Workshops attended :

15 Participated in an international seminar on Plant Biotechnology and Genomics towards green revolution, organized by Yogi Vemana University, Kadapa.

16 Participated in an international seminar on influence of Medicinal plants on human life conducted by Dept of Biotechnology, Dravidian University, Kuppam.

17 Participated in an international seminar on Emerging trends in Biotechnology,: challenges and opportunities, organized by Dept of Biotechnology, Dravidian University, Kuppam

18 Attended a workshop on Mushroom cultivation- A hand on training conducted by Dept of BOTANY, SV University, Tirupati.

19. Attended a national workshop on Principles and practice of Molecular Phylogenetics of fungi organized by Dept of Microbiology, SV University, Tirupati.