

Government Degree College –Yeleswaram, Kakinada district

LECTURER PROFILE

Name : Dr. Prayaga Murty Pragada
 Designation : Lecturer in Botany
 Department : Botany
 E-mail Id : pragada007@gmail.com
 Qualifications : M.Sc., Ph.D
 Specialization : Taxonomy
 Date of Appointment : 04-02-2012
 Experience : 12 years
 Date of Joining in the
 Present Station : 12-07-2017

Papers taught :

S. No.	Title of the Paper	Year	Sem ester
1	Introduction to Classical Biology	I	I
2	Introduction to Applied Biology	I	I
3	Non-vascular Plants	I	II
4	Origin of Life and Diversity of Microbes	I	II
5	Basics of Vascular plants and Phytogeography	I	II
6	Anatomy and Embryology of Angiosperms, Plant Ecology and Biodiversity	II	III
7	Plant Physiology and Metabolism	II	IV
8	Cell Biology, Genetics and Plant Breeding	II	IV
9	Vegetable Crops – Cultivation Practices	III	V
10	Vegetable Crops – Post Harvest Practices	III	V
11	Long term internship	III	VI

Academic Qualifications

S.	Qualifying Examination	Name of the Institute	Year of passing	Percentage
1	PDRF	AndhraUniversity, VSP	2009-2012	Phytopharmacognosy
2	Ph.D (Botany)	AndhraUniversity, VSP	2005-2009	Taxonomy
3	M.Sc (Botany)	AndhraUniversity, VSP	2003-2005	67%
4	B.Sc (BZC)	Govt. Degree College (Men) Srikakulam	2000-2003	72%
5	Intermediate	Govt. Junior College(Men) Srikakulam	1998-2000	63%
6	S.S.C	Z.P.H School, Nandigam	1997	76%

Research experience

- ☞ Worked as a JRF in NRSA project 2005-2006
- ☞ Worked as a JRF in DBT project 2006-2008
- ☞ Worked as a SRF in DBT project 2008-2009
- ☞ Worked as Research Associate 2009-2012
- ☞ Working as a Lecturer/Assistant Professor 2012 till date

Books:

1. Useful plants of Andhra Pradesh
2. Weed flora of Crop Fields of North Coastal Andhra Pradesh
3. Ethnobotany of Paderu Division, Visakhapatnam District, A.P
4. Diversity of Tree Species of Srikakulam and Vizianagaram of A.P., India
5. Ethnobotany of Narsipatnam Division, Visakhapatnam, A.P., India
6. Mangroves of Andhra Pradesh with Prof. G.M. Narasimha Rao (in press)

Projects conducted :

1. Minor Research project on Weed Flora of Crop Fields of Kadapa District sponsored by UGC

Seminars organized

1. National seminar on Medicinal Plants and its conservation sponsored by UGC from 21-08-2014 to 22-08-2014

Number of Publications: 85

Published: 85

List of Publications:**2007**

1. A Rare Mangrove "*Sonneratia caseolaris*" in Coringa Mangrove Forest Area, East Godavari, Andhra Pradesh. Proc.A.P. Academi of Sciences, Hyderabad Vol.11 (3) 2007:188-190.
2. Epiphytes and Orchids of Eastern Ghats in Andhra Pradesh. Proc. National Seminar on Conservation of Eastern Ghats -2007.

2008

3. Aquatic Plant Health of Andhra Pradesh and utilization. Proc.A.P. Academi of Sciences, Hyderabad, Special issue on Plant Wealth of Andhra Pradesh Vol.12 (1&2) 2008:203-213.
4. Some Medicinal and Aromatic Plants from Northern Andhra Pradesh. National Seminar, Vijaya Aromed, Vizianagaram.

2009

5. Report on *Solanum sysimbriifolium* Lam Jour. Non.Timber Forest Products Vol. 16(1): 51-52, 2009.
6. Ethno medicinal Studies from Papi Hills of West Godavari District. Indian J. Environ.& Ecoplan. 16(1): 271-280(2009).
7. Orchids of Visakhapatnam. Ind. J. Bot. Res. Vol. 5(No.3&4). 2009.

2010

8. Effect of the environmental pollution of marine macro-algae of Visakhapatnam coast, India. International Journal of Plant Science, (January to June, 2010) Vol.5 Issue1:177-179
9. Mangrove Population of Vamsadhara Eastuary India. Int. Jour. Pl. Sci. (July, 2010) Vol. 5. Issue 2: 698-699
10. Rare branching in *Cocos nucifera* L. Jour. Cu. Res.Vol. 7, pp.041-041, August, 2010.
11. Lively wood practices among tribal people of West Godavari District, Andhra Pradesh, India. Journal of Vanyajati Vol.LVIII pp. 3-8(2010)
12. Seasonal abundance of Micro algae in Pandi Backwaters of Godavari Estuary, Andhra Pradesh, India. Not.Sci.Biol. 2(3) 2010.26-29
13. Some Abortifacient plants used by the Tribal people of Andhra Pradesh, India. Journal of Phytology 2010, 2(4): 07-12.
14. Unique Etnomedicinal uses of Some Plant Species of Andhra Pradesh, India. Journal of Phytology 2010, 2(4): 17-21.
15. Phyto sociological attributes of Weeds in Rice Fields of North Coastal Andhra Pradesh, India. Int. Jour. Cu. Res.Vol. 7, p.p.001-004, August 2010
16. Some Ethnomedicinal plants from Araku valley of Visakhapatnam district, Andhra Pradesh. J.Ntcon 22(1): 85-93(2010).
17. Report on *Xylocarpus granatum* Koen Near Sandy shore of Visakhapatnam Coast, Andhra Pradesh Journal of Phytological Research 23(1): 115-116, 2010.
18. Mangrove and associated Flora of Vashista and Vainateyam Estuaries, A.P. India. Journal of Notulae Scientia Biologicae 2(4)2010, 40-43.
19. Ethno medicinal Plants from Paderu division of Visakhapatnam district, A.P. India. Journal of Phytology 2010, 2(8):70-91.
20. In-vitro antibacterial activity of *Salacia oblonga* Wall J.Natcon 22(1) 139-142. 2010

21. Diversity of vascular Plants in the Sacred Grove of Uppa from Eastern Ghats, Visakhapatnam district in Andhra Pradesh. J.Indian bot.Sci.Vol.89(3&4) 406-411; 2010.

2011

22. Seasonal Studies on Marine algae of the Bhimili Coast, East Coast of India J. Algal Biomass Utiln. 2011, 2(2):69-82.
23. Spore shedding from two estuarine red algae of Vainateyam Estuary, A.P, India. Advances in Pollen Spore Research Vol. XXIX (2011) 41-48. Today and tomorrows printers and publishers, New Delhi -110002 (India)
24. Diversity and Distribution of Pteridophytic flora of Punyagiri hill, Vizianagaram District, Andhra Pradesh, India Current Botany 2011, 2(7): 01-04
25. Biodiversity of Weed species in Crop fields of North Coastal Andhra Pradesh, India Indian Journal of Fundamental and Applied Life Sciences 2011 Vol. 1 (2) pp. 59-67.
26. Positive aspects of weed species in crop fields of North Coastal Andhra Pradesh, India. Journal of economic and taxonomic Botany Vol.35 No.2 pp.249-255.2011.
27. Investigation on Regional Variation in Total Phenolic, Alkaloid Content and *In-vitro* Antioxidant Activity of *Gynandropsis gynandra* L. Inventi Rapid: *Ethnopharmacology* Vol. 2011, Issue 3.
28. Investigation on regional variation in total phenolic content, alkaloid content and *in-vitro* antioxidant activity of *Cleome chelidonii* L. International Journal of Pharmacy and Pharmaceutical Sciences. Vol 3, Issue 4, 2011; pp 416-418
29. Investigation on regional variation in phytochemical constituents, total phenolic, alkaloid content and *in-vitro* antioxidant activity of *Luecas aspera*. *International Journal of Pharmacy and Pharmaceutical Sciences* Vol 2, Issue 10, 2011; pp 2699-2703.
30. Evaluation of regional variation in phytochemical constituents, total phenolic, alkaloid content and *in-vitro* antioxidant activity of *Chrozophora rottlerii*. *International Journal of Pharmacy and Pharmaceutical Science*.
31. Evaluation of phytochemical constituents and *in-vitro* Antibacterial activity of *Mesua ferrea* leaves, *IJPT* | 2011 | vol. 3 | issue no.4 | 3624-3630
32. In vitro antimicrobial activity and Preliminary phytochemical analysis of three algae from Visakhapatnam Coast, Andhra Pradesh, India International Journal of Pharmacy and Pharmaceutical Sciences, Vol 3, Issue 4, 2011, 399-401

33. Ecological aspects of weed flora of turmeric (*Curcuma longa* L.) fields of Visakhapatnam District, A.P., India Journal of Biodiversity and Environmental Sciences (JBES) Vol. 1, No. 6, p. 30-38, 2011

2012

34. Ethnoveterinary medicinal practices in tribal regions of A.P, India. Bangladesh Journal of Plant Taxon. 19(1), 7-16, 2012.
35. Some Ethnomedicinal plants for treatment of Dysentery of North Coastal Andhra Pradesh, India *International Journal of Biosciences (IJB)* Vol. 2, No. 1, p. 18-24, 2012.
36. *In-Vitro* Anti-Oxidant and Hepatoprotective Activities of *Cleome chelidonii* Root Extracts, Journal of Pharmacy Research 2012, 5(6),3155-3157
37. Composition, Structure of Mangroves in Gamui Estuary, Chudamani, Orissa, India. *International Journal of Sciences*, Volume & Issue- 3 & 1 (2012)
38. Phytosociological attributes of Weed Flora in Major Cropping Systems of North Coastal Andhra Pradesh, India Pak. J. Weed Sci. Res. 18(1): 107-126, 2012
39. Diversity and Distribution of Bryophytic flora of Punyagiri hill, Vizianagaram District, Andhra Pradesh. Today and tomorrows printers and publishers, New Delhi - 110002. *advances in pollen spore research* Vol.XXX(2012):73-77.
40. Plant wealth of Kambalakonda wildlife sanctuary, Visakhapatnam, Andhra Pradesh. *Indian forester*, 138(7):593-699, 2012.
41. Some Ethno medicinal Plants used for the Treatment of Piles by the Kondadora Tribe of Northern Andhra Pradesh, A.P., India *International Journal Of Ayurvedic And Herbal Medicine* 2:5 (2012)803:809
42. Some Folk medicinal plants of Bhiravakona hills of Prakasam district, Andhra Pradesh, India *Current Botany* 2012, *Current Botany* 2012, 3(5): 51-58
43. Preliminary Phytochemical analysis of *Lobophora variegata* (Lamouroux) Womersley ex Oliveira from Visakhapatnam Coast, A.P, India. *Seaweed Res. Utiln.*, 34(1&2):60-64,2012
44. Seasonal growth and spore shedding in *Rosenvingea nhatrangensis* Dawson from Bhimili Coast, East Coast of India. *Seaweed Res. Utiln.*, 34(1&2):22-26 ,2012

2013

45. Weed distribution in sugarcane fields of Srikakulam district, A.P., India *RJPBCS* Volume 4 Issue 1 Page No. 1380, 2013.

46. Phytosociological Observations on Tree Species Diversity of Tropical Forest of Srikakulam District, Andhra Pradesh, India. Indian Journal of Plant Sciences , 2013 Vol. 2 (4).
47. Morphological and Anatomical Features of *Salicornia brachiata* Roxb, J. Biol. Chem. Research Volume 30 (2) 2013 Pages No. 887-891
48. Phytosociological Attributes of Mangrove Plant Populations at Peddavalasala of Gautami Godavari estuary of Andhra Pradesh, India . Advances in Pollen Spore Research Vol. XXX 303-309. 2013.Today and Tomorrow publications, New Delhi.

2014

49. Ethnobotanical uses of certain plant species from Makkuva mandal, Vizianagaram district, Andhra Pradesh. *International Journal of Current Research* Vol. 6, Issue, 03, pp.5387-5390, March, 2014
50. Determination of Chlorophyll a and b of some mangrove species of Visakhapatnam, Andhra Pradesh, India. *Inter. J. of Phytotherapy / Vol 4 / Issue 2 / 2014 / XX-XX*.
51. Survey and documentation of some important medicinal applications of Mangrove plants of Andhra Pradesh, India. The Journal of Ethnobiology and Traditional Medicine. Photon 122 (2014) 842-847.
52. Preliminary phytochemical screening of some weeds species of Kadapa district, Andhra Pradesh, India ,Research and Reviews: Journal of Botanical Sciences, RRJBS | Volume 3 | Issue 1| 2014.
53. Vegetation composition, Tree species diversity and soil types: A case study from the Tropical forests of Eastern Ghats of Vizianagaram, India, INT J CURR SCI 2014, 10: E 78-87
54. Report on *Hylocereus undatus* (Haw.) Britton & Rose, Andhra Pradesh, India , Journal of Science / Vol 4 / Issue 4 / 2014 / 221-222.
55. Weed Flora of Turmeric (*Curcuma langa*) Fields of Porumamilla Mandala, Kadapa, A.P. India, *Journal of Science / Vol 4 / Issue 4 / 2014 / XX-XX*.
56. Distribution of types, vegetation and tree species diversity in Eastern Ghats of Srikakulam, Andhra Pradesh, India. International journal of Biodiversity and Conservation Vol(6)6 pp 488-494.

2015

57. Agricultural weeds as medicinal plants of kadapa district, A.P, India. Asian Journal of Pharmaceutical Science & Technology. Vol 5 | Issue 3 | 2015 | 202-209.

- 58..Nutritional and Medicinal Values of Some Wild Edible Fruits of Andhra Pradesh, India. *Journal of Science* / Vol 5 / Issue 8 / 2015 / 385-393.
59. Ethnoveterinary Medicinal Plants Used To Treat Bone Fracture From Rayalaseema Region Andhra Pradesh, India. *International journal of Phytopharmacy research*. Vol 6 | Issue 1 | 2015 | 1-4.
60. Some Ethno Medicinal Plants Of Parnasala Sacred Grove Area Eastern Ghats Of Khammam District,Telangana, India. *J. Pharm. Sci. & Res.* Vol. 7(4), 2015, 210-218.
61. Distribution of *Salicornia brachiata* in Relation to Physico-Chemical and Soil Characteristics in Godavari Estuary, AP, India. *IOSR Journal of Pharmacy and Biological Sciences (IOSR- JPBS)*, Volume 10, Issue 4 Ver. V (Jul - Aug. 2015), PP 13-16.
62. Seeds of *Salicornia brachiata* as a source of edible oil. Volume : 5 | Issue : 8 | August 2015 |
63. Tree Species Diversity and Distribution Patterns in Tropical forests of Vizianagaram District, Andhra Pradesh, India. *European Journal of Environmental Ecology*. 2015;2(2):78-95.
64. Floristic composition and ecological assessment of tree species diversity in tropical forests of Srikakulam and Vizianagaram districts of Andhra Pradesh, India. *International Journal of Fundamental & Applied Sciences. Int. J. Fund. Appl. Sci.* Vol. 4, No. 1 (2015) 23-29.
65. Ethnobotanical studies of Narsipatnam forest division, Visakhapatnam district, A.P, India. *Journal of Pharmaceutical Biology*, 5(2), 2015, 113-134.

2016

66. Diversity and indigenous uses of Some Ethno Medicinal Plants in Papikondalu wild life Sanctuary, Eastern Ghats of Andhra Pradesh, India. *American Journal of Ethnomedicine*, 2016, Vol. 3, No. 1
67. Population structure and community characteristics of *Mesua ferrea* (L.) In Eastern Ghats of Andhra Pradesh, India. *ejbps*, 2016, Volume 3, Issue 4, 409-414.
68. Ethnoveterinary Medicinal Practices in Rayala Seema Regions of Andhra Pradesh, India. *European Journal of Environmental Ecology*. 2016;3(1):7-20.
69. Ethnoveterinary Applications of *Cocculus hirsutus* Proceedings of National Seminar on Medicinal plants and its conservation.

2017

70. Phytomedicinal Plants of Rayalaseema Region of Andhra Pradesh, India. *Journal of Science* / Vol 7 / Issue 3 / 2017/ 135-139.
71. Preliminary phytochemical screening of some Ethnoveterinary medicinal plants of Rayalaseema Region of Andhra Pradesh, India. *International Journal of Innovative Drug Discovery*. Vol 7 / Issue 1/ 2017 / 43-49.
72. Ethnobotanical study of latex plants in the Jyothi Forest area, Kasinayana mandal, Kadapa district, A.P.,India. *Journal of Science* / Vol 7 / Issue 3 / 2017/ 140-142.
73. Phytosociological attributes of weed species in Cotton crop fields of Kadapa district, Andhra Pradesh, India. *Journal of pharmaceutical biology*. 7(1), 2017, 23-31.

74. Phytomedicinal uses of Euphorbiaceae family of Rayalaseema region of Andhra Pradesh, India. *Acta Biomedica Scientia*. 2017;4(1):40-44
75. Applications of Ethno medicine to treat bone fractures in Eastern Ghats region of AP, India. *Journal of Pharmacy and Biological Science. Journal of Pharmacy and Biological Sciences*.

2018

76. Internal application of some Ethno medicinal plants to treat bone fractures in Eastern Ghats of India, AP. *Journal of Pharmacy and Biological Sciences. Volume 13, Issue 1 Ver. I (Jan. – Feb. 2018), PP 34-37*

2019

77. Siddavatam forest of YSR kadapa district. A.P., A treasure of Medicinal plants proceedings of the book of NSETCMES

2020

78. Ethnomedicinal Plants used for the Treatment of Rheumatoid Arthritis, Andhra Pradesh, India. *Journal Of Pharmacy And Biological Science. Volume 15, Issue 2 Ser. I (Mar –Apr 2020), PP 44-52*
79. Folk Medicinal Plants used for Treatment of Gouty Arthritis from Eastern Ghats of Andhra Pradesh, India. *The Journal of Ethnobiology and Traditional Medicine* 131 (2020) 1538-1546
80. Ethnomedicinal Plants Used to Treat Osteo Arthritis From Andhra Pradesh, India, *International Journal of Botany and Research* Vol. 10, Issue 1, Jun 2020, 55–68
81. Traditional Medicinal Plants used to Treat Arthritis by Tribal People in Eastern Ghats of Andhra Pradesh, India. *International Journal of Botany Studies*, Volume 5; Issue 3; 2020; Page No. 16-22
- 82.. Ethnomedicinal Plants used for the Treatment of Psoriatic Arthritis From Eastern Ghats of Andhra Pradesh, India *American Journal of Ethnomedicine* 2020 Vol.7 Issue 3.
83. Applications of Indigenous Medicinal Practices for Curing Orthopaedic Sports Injuries and Other Injuries in Eastern Ghats of Andhra Pradesh, India *Journal Of Pharmacy And Biological Sciences. Volume 15, Issue 2 Ser. III (Mar –Apr 2020), PP 44-57*
- 84 Survey and documentation of Tribal medicine used to treat Osteoporosis from Eastern Ghats of Andhra Pradesh, India. *International Journal of Herbal Medicine* 2020; 8(3): 25-31.
85. Plant Species Utilized to Treat Skeletal Fluorosis and Fluorosis Arthritis from Eastern Ghats of Andhra Pradesh, India. *International Journal of Ayurvedic and Herbal Medicine* 10:2 (2020) 3748–3757

Workshops attended:

1. Methodology workshop on Quantitative Assessment and Mapping of Plant Resources of Eastern Ghats, on 18-20 March 2006 at Sri Krishna Devaraya University, Anantapur. Andhra Pradesh.

2. Prospectus of Medicinal & Aromatic Plants in Northern Andhra Pradesh, on 03 march 2007 at Maharaj Vijayaram Gajapathi College of Engineering, Vizianagaram, Andhra Pradesh.
3. Annual Review Workshop on Quantitative Assessment and Mapping of Plant Resources of Eastern Ghats, on 22-23 December 2008 at Sri Krishna Devaraya University, Anantapur. Andhra Pradesh.
4. New Frontiers in Microbial Biotechnology on 28-30 June 2010. at Andhra University, Visakhapatnam.
5. National work shop on Mushroom cultivation, S.V. University, Tirupati
6. National work shop on Ethnobotany traditional knowledge Access and benefit sharing

Seminars attended:

- 1 National Seminar on Plant Resources of Western Ghats, Ecology, Economics and Conservation on 7th- 8th December 2006, at Bangalore, Karnataka.
2. Essence of bioinformatics in today's world and the importance of its products in exploring different fields of studies on 24th January 2007 at Andhra University, Visakhapatnam, Andhra Pradesh.
3. State level seminar on global warming at Mydukur
4. National seminar in Andhra University
5. National seminar on Biodiversity and Conservation of Medicinal Plants at Srikakulam
6. National conference on YVU Plant Biology at Yogivemana University, Kadapa
7. National seminar on Emerging trends in Environmental Science and Technology at Yogivemana University, Kadapa
8. National Seminar on Medicinal Plants, GDC Srikakulam
9. National Seminar on Biotechnology, Drawidian University, Kuppam, A.P., India
10. National Seminar on Biodiversity-Conservation, Nellore
11. National Seminar on the role of natural products chemistry in drug discovery, Krishna University, Machilipatnam
12. State level seminar on Quality enhancement in Govt. Degree Colleges –Role of Teachers
13. Role of IQAC Towards Quality Enhancement and Sustenance from NAAC Perspective" in collaboration with NAAC, Bengaluru from 29- 30 November 2019.
14. International conference of Society of Pharmacognosy Andhra university, Visakhapatnam 2015
15. National Seminar on Recent trends and importance of green pharmacy Narasaraopeta.
16. International conference on Renewable Energy Research and Education Rajamahendravaram
17. National seminar on Wildlife Conservation –Endangered Species, Kadapa
18. International Conference on Environmental Challenges and Remedies for Sustainable Future.

Training:

1. Inter Disciplinary refresher course in the subject life Sciences/ Marine Sciences from 09-11-2009 to 29-11-2009 at UGC Academic Staff College Andhra University, Visakhapatnam, Andhra Pradesh.
2. A holistic Approach to identify bioactive molecules from Natural origin from 21-11-2011 to 03-12-2011 at Andhra University, Visakhapatnam.
3. The role of Communication Skills in Effective Teaching from 16-05-2013 to 06-06-2013 in JNTU, Hyderabad
4. Training Programme on Economic & Social Vulnerability Impact assessment of Climate Change at Dr. MCR HRD institute of A.P. Hyderabad.
5. Orientation Course at MHRD Andhra university, Visakhapatnam
6. Refresher Course on Orthodox taxonomy-Modern taxonomy from 18-10-2016 to 30-10-2016 at Yogi Vemana university, Kadapa
7. Refresher course at Sri venkateswara university
8. NIEPA , New Delhi

Others

1. Participated in the 95th Indian Science Congress held at Andhra University, Visakhapatnam from January 3 to 7, 2008.
2. Voluntary Service in 95th Indian Science Congress held at Andhra University, Visakhapatnam.
3. Delivered a guest lecture on Plantation and Protection of Medicinal Plants in Vidyalaya on 17-05-2008 at Visakhapatnam, Andhra Pradesh.
4. Delivered a guest lecture on Ethnobotany at Govt. Degree College, Rajampeta, Kadapa District.
5. Delivered a guest lecture on Ethnomedicine at Govt. Degree College, Jaggampeta , East Godavari District.

Additional Responsibilities (in College level)

1. NSS Programme officer
2. Research Committee Coordinator
3. Botanical Garden Development Coordinator
4. Naadu-Nedu Coordinator
5. Member, career guidance cell
6. Member ,eco-club

7. Member, counseling
8. Member special fee
9. Member Red ribbon club
10. LMS

(PRAYAGA MURTY PRAGADA)