



CURRICULUM VITAE

Name : PUVVADA SRINIVASA RAO

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Date of Birth : 25-08-1972

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Educational Qualifications :

Degree	Institution / University	Subject	Duration of study	% of marks	Division
Ph.D.	Acharaya Nagarjuna University.	Botany	2008-2017	27 May 2017	
M. Phil.	Bharathidasan University.	Botany	2006-07	81.02	First class with Distinction
M.Sc.	Andhra University	Geography	1997-99	68.02	First class with First rank
M.Sc.	Andhra University.	Botany	1994-96	71.02	First class with Distinction
B.Sc.	Acharya Nagarjuna University	Botany Zoology Chemistry	1989-93	67.05	First class.

Additional Qualifications:

Academic Awards :

Ph.D.--- A STUDY ON ASSESSMENT AND AMELIORATION OF POLLUTED SOILS THROUGH PHYTOREMEDIATION.

M. Phil. (Botany) - First class with distinction

M.Sc. (Geography) - First rank in Andhra University.

M.Sc. (Botany) - First class with distinction.

Working Experience:

- Working as **Assistant Professor** in Department of Botany, P.B.Siddhartha College of Arts & Science (Autonomous) Vijayawada, Andhra Pradesh from **02-08-2022** onwards.
- Worked as **Assistant Professor** in Department of Botany, Andhra Loyola College (Autonomous) Vijayawada, Andhra Pradesh from **8-11-2000 to 02-08-2022**.
- Worked as an Assistant Director for the New Hostel in Andhra Loyola College, Vijayawada (with 350 inmates) during the academic year 2002-2003 and served the students to bring out their hidden talents and improve their skills in curricular and co-curricular activities by conducting quiz programs, Essay Writing competitions, debates and different cultural programs.
- Worked as Department coordinator for the last **Twenty years** in the Department of Botany A.L.C., and assisted in bringing good coordination among the staff and students by conducting various programmes including the state and national level seminars, quiz programmes, botanical tours, institutional visits, science exhibitions *etc.*,
- Worked as N.G.C Coordinator in Andhra Loyola College, Vijayawada during the academic year 2013-14.
- Rendered services as a member of Library Committee for Andhra Loyola College, Vijayawada from 08-06-2012 to 02-08-2022.
- Working as NSS Programme officer, Unit-II, Andhra Loyola College, Vijayawada during the academic year 21-06-2014 to 02-08-2022.
- Worked as Head, Department of Botany Andhra Loyola College, Vijayawada from 08-06-2015 to 07-06-2018.(Three year Rotation).
- Appointed as Head, Department of Botany Andhra Loyola College, Vijayawada from 15-07-2022 onwards.

- Appointed as Coordinator in S.T&D and Environmental Sciences Dept. in Andhra Loyola College, Vijayawada during the academic years 2016-17, 2017-18.

Seminars/Symposia/Workshops attended:

- Participated in Training programme on G.I.S. (Geographical Information Systems) from 18-5-1999 to 30-7-1999 conducted by the collaboration of Department of Geo engineering, Andhra University and Spatial Technologies, Visakhapatnam.
- Participated in All India Conference on Consciousness, Science and Spirituality & Meditation Retreat” from 30th Sept, to 3rd Oct. 2001 held at Academy for Better world, Gyana Sarovar, Mount Abu, Rajasthan.
- Participated in two days workshop on “Bio-techniques” held on 6th and 7th Jan, 2005 conducted by the Department of Bio-technology, Loyola Academy Degree & P.G. College, Alwal, Secunderabad.
- Attended seminar on “Climate Change and its impact on biosphere” organised by Departments of Zoology and Physics, J.M.J. College for Women, Tenali , A.P on 23rd July, 2008.
- Participated in seminar on “Recent trends in Bio-sciences” organised by Dept. of Botany & Microbiology, A.L.C., Vijayawada held on 6-12-2008.
- Attended International Symposium on “Emerging trends in biomedical and nano biotechnology: relevant to human health” held during Dec. 19th to 21st, 2009 organised by Dept. of Biotechnology and Nano technology, A.N.U., Guntur.
- Participated in U.G.C. sponsored national seminar on “Insite into nano materials” held on Jan. 5th and 6th 2010 conducted by the Dept. of Chemistry, A.L.C., Vijayawada.
- Received certificate of appreciation from A.P. Pollution control Board, Vijayawada for participation in Ecological study trip on Mangroves on 27-11-2010 at Machilipatnam.
- Participated in the National Seminar “Environ- 2011” organised by the Dept. of Botany and Micro-biology, A.L.C., Vijayawada and A.P. Pollution Control Board, Zonal Office, Vijayawada on 20-1-2011.
- Attended National workshop on “Innovative trends in life sciences” for teachers organised by Dept. of Botany, Microbiology and Bio technology on 26th and 27th Aug. 2011 at A.L.C., Vijayawada.

- Participated in one day seminar on “Environ - 2012” organized by Dept. of Botany & Microbiology on 15th September, 2012 at A.L.C. Vijayawada.
- Participated in the retraining of faculty of life sciences in Bioinformatics and molecular biology under the aegis of UGC faculty retraining under the scheme of college with potential for excellence - phase II from 31st Oct-3rd Nov 2012 at Andhra Loyola College , Vijayawada.
- Attended 5th A.P. Science Congress 2012 held on Nov. 14th to 16th 2012 conducted by Andhra Pradesh Akademi of Sciences and A.N.U. Guntur.
- Participated and presented a paper on “Nano biotechnology related to health and environment” in two days U.G.C. sponsored National Seminar on “Recent Trends in Nano biotechnology in the protection of health and environment” organised by Dept. of Botany held on Nov. 30th and Dec. 1st, 2012 at A.L.C. Vijayawada.
- Participated in one day workshop on “Horticulture and Microbial techniques” organized by Dept. of Botany and Microbiology held on 14th Dec. 2012 at A.L.C., Vijayawada.
- Participated in two day national conference on “Modern approaches to the conservation of medicinal plants” on 27th and 28th January, 2014 organized by the Department of Botany, A.L.C., Vijayawada sponsored by National Medicinal Plant Board, Govt. of India, Ministry of Health and Family Welfare.
- Attended in the two day workshop on “Academic audit towards quality assurance” held under the aegis of Internal Quality assurance cell (IQAC) of Andhra Loyola College, Vijayawada on 6th and 7th June, 2014.
- Participated in National seminar on “ Biodiversity and conservation of mangrove ecosystem in India-Present status and future perspective” sponsored by U.G.C-SAP-DRS programme organized by Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur held on 21st and 22nd July,2014.
- Attended in UGC sponsored National seminar on “Information and communication technologies (ICTs) in making healthy information society with special reference to use of ICTs in educational technology” held at Andhra Loyola College, Vijayawada during august 11th and 12th, 2014.
- Participated in UGC sponsored two-day National seminar on “ Recent trends in phytochemical and plant biology research” organized by Department of Botany, P.B. Siddhartha College of Arts and Science in collaboration with KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada held during 12th and 13th September, 2014.

- Organized a drawing competition on “Save Nature” on the eve of World Ozone Day on 15th September, 2014 in Andhra Loyola College in collaboration with Andhra Pradesh Forest Department, Vijayawada.
- Participated in 180th National Service Scheme Empanelled Training Programme (Ministry of Youth affairs and Sports, Govt. of India) from 17.12.2014 to 23.12.2014 by University Training and Orientation Centre, Andhra University, Visakhapatnam held at Montessori Mahila Kalasala, Vijayawada.
- Attended in UGC sponsored National seminar on “Recent trends and practices in ornamental fishery with special emphasis on promotion of women entrepreneurship in aquaculture” held at Andhra Loyola college, Vijayawada during 22nd Jan to 24th Jan 2015.
- Participated in one day seminar on “Green Technology”- A way to Environmental Resilience organized by Depts. of Biotechnology (UG&PG) & NGC held on 4th Feb, 2015 at A.L.C. Vijayawada.
- Received certificate of appreciation from Society for Economic and Environment Development, Machilipatnam for participation in Ecological study trip on Mangroves on 14.02.2015 at Gilakaladindi Mangrove Forest Machilipatnam.
- Participated in one day seminar on “BIOSASTRA-2015” organized by Depts. of Biotechnology (UG&PG), Botany(PG) & Microbiology(UG) held on 25th Aug, 2015 at A.L.C. Vijayawada.
- Attended the WIKI e-content development workshop organized by the Andhra Loyola College, Vijayawada in collaboration with Internet and society (CIS-A2K), Bengaluru from 7th to 12th September 2015.
- Attended in the one day workshop on “Mentoring for Leadership” held under the aegis of Internal Quality assurance cell (IQAC) of Andhra Loyola College, Vijayawada on 15th October 2015.
- Organized a Hands on Training Workshop on ‘MUSHROOM CULTIVATION’ 27th November, 2015 in Andhra Loyola College, Vijayawada
- Participated in two day national workshop on “ Instrumentation and Hands on Training in Advanced Biological Techniques” on 7th and 8th December, 2015 organized by the Departments of Botany, Biotechnology & Microbiology A.L.C., Vijayawada in collaboration with Department of Biotechnology, K.L.University, Vaddeswaram, Guntur.
- Attended International Conference on Recent advances in biosciences and application of engineering in production of biopharmaceuticals (RABAEB) and

- 9th annual convention of association of biotechnology and pharmacy held during Dec. 14th to 16th, 2015 organized by Dept. of Biotechnology K.L.University, Vaddeswaram, Guntur.
- Participated in one-day National Symposium on “Prospects & Potentials in Medicinal and Aromatic Plants” organized by Department of Botany, Government college(UG&PG), Ananthapuram in collaboration with science tech foundation, Bangalore ,on19 th December 2015.
 - Participated in “International Conference on Advances in Plant and Microbe Research (ICAPMR 2016)” sponsored by U.G.C-SAP-DRS programme organized by Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur held on 6th and 8th January,2016.
 - Participated in one day DBT(MHRD,GOVY.OF INDIA,NEW DELHI) sponsored Hands on Training programme on ‘MUSHROOM CULTIVATION’ 25th June, 2016 in Andhra Loyola College, Vijayawada.
 - Attended in DBT sponsored Environmental awareness programme on “SAVE NATURE / CONSERVATION OF BIODIVERSITY” held at Andhra Loyola College, Vijayawada 28 th July 2016.
 - Participated in one day DST sponsored INSPIRE programme organaized by State Council Educational Research and Training (SCERT),Govt.of Andhra Pradesh at Andhra Loyola College held on 25th July. 2016.
 - Received certificate of appreciation from Government of Andhra Pradesh,Krishna Pushkaralu-2016 in recognition of dedicated service as NSS, Programme officer in successful conduct of Krishna puskaralu-2016.
 - Participated in the competations conducted on the occasion of Krishna puskkra Sambaralu-2016 held at Krishna university, Dr.MRAR PG Centre,Nuzvid during 12 th -23 rd August, 2016.
 - Attended in DBT sponsored regional workshop for biology supporting staff on “INSTRUMENTATION & LAB MAINTANANCE” held at Andhra Loyola College, Vijayawada 17 th august 2016.
 - Participated in two day DBT(MHRD,GOVY.OF INDIA,NEW DELHI) sponsored National Seminar on “Advances in the synthesis of Nano materials and their multi-dimensional applications in chemical and Bio-sciences” held on 14 th &15 th sep 2016 in Andhra Loyola College, Vijayawada.
 - Acted as a Resource Person during the training session to the students of INSPIRE (Innovation in Science Pursuit for Inspired Research) internship

- program me sponsored by Department of Science & Technology, Govt. of India, New Delhi, organized by Andhra Loyola College, Vijayawada, from 17th – 21st October,2016.
- Participated in one week faculty development programme on e-Content generation sponsored by U.G.C.and organaized by the I.Q.A.C,Andhra Loyola college,Vijayawada in collaboration with the departments of visual communication and computer science from 31st Oct- 5 th Nov,2016.
 - Organized A DBT-MHRD-Govt.of India –New Delhi,UGC,APCOST,APPCB AND APFOREST Sponsored (Star College Scheme) a Three day International Conference on ‘NEW APPROACHES IN AGRICULTURE ,FOOD & ENVIRONMENTAL SCIENCES’(NAAFES-2016) ON 22-24 December,2016.
 - Participated in the One Week Workshop on “Hands on training programme on advanced techniques in biological sciences “from 18 th to 24 th September ,2017 at Andhra Loyola College , Vijayawada.
 - Participated in the DBT Star College Scheme sponsored Workshop on “Life Skills/Soft Skills and Importance of ICT in Teaching-Learning” organized by the Internal Quality Assurance Cell, Andhra Loyola College, Vijayawada in collaboration with Mahindra Pride School (AP) - a unit of Naandi Foundation from 23rd -28th, October 2017.
 - Attended UGC-APPCB Sponsored a two day National Seminar on “ENVIRONMENTAL POLLUTION – PUBLIC RESPONSIBILITY” on 31st January and 1st February,2018 Organized by the Department of Chemistry, Andhra Loyola College(Autonomous), Vijayawada-8.
 - Participated in the State level Training on PFMS & EAT Module of NSS, in collaboration with KRISHNA UNIVERSITY, MACHILIPATNAM conducted on 9 th May, 2018.
 - Acted as Evaluator in the Krishna District level event of 26 th National Children’s Science Congress-2018(NCSC), organized by Regional Science Center, Bhavanipuram, Vijayawada in association with Department of School Education& SCERT, Govt. of Andhra Pradesh from 12-11-2018.
 - Participated in the DBT Star College Scheme MHRD-Govt.of.India-New Delhi sponsored a one day health awareness programme on ‘Embracing Millets for our own benefit’ on 14 th Nov 2018 organized by Organized by the DBT star college scheme, Andhra Loyola College(Autonomous) unit, Vijayawada-8.

- Attended the two day science academics lecture workshop on “Biodiversity, Conservation and Human Welfare” organized by the Department of Botany, K.B.N.College, Vijayawada during 21st-22nd December,2018.
- Acted as Jury member at Krishna District level Exhibition and Project Competitions (INSPIRE)MANAK:2018-2019, organized by Department of School Education& SCERT, Govt. of Andhra Pradesh from 27th January to 29th January held at St. Joseph’s English medium high school, Vijayawada.
- Participated in two day national seminar on “Global Environmental Concerns – Role of Plants”,GECRP-2019 organized by the Departments of Botany, A.L.C., Vijayawada, from 7th to 8th March ,2019.
- Appreciation certificate issued by IIT, BOMBAY to the implementation of spoken tutorial project to the II B.Sc students during the academic year 2018-2019.
- Attended one day colloquium on VRUKSHA-2K20: “Recent trends in Plant Sciences” organized by the Post graduate department of Botany, Andhra Loyola College, Vijayawada 5th Feb2020.
- Appreciation certificate issued by IIT, BOMBAY to the implementation of spoken tutorial project to the II B.Sc students during the academic year 2018-2019.
- Participated in the Webinar on “Role of youth in urban Biodiversity and its conservation” conducted by Enviroclub, Justice Basheer Ahmed college for Women(Autonomous),Chennai, in association with WWF ,India dated on 6-6-2020.
- Attended in Two day International Webinar” Health, Environmental, Educational aspects of Covid-19” 15 and 16th June 2020 organized by Dept. Of Botany and IQAC, Andhra Christian College, Guntur.
- Received certificate of appreciation from AARI(Annakkilli Amma Research Institute) Madipakkam, Chennai for succeeding with 60% in online quiz on environmental chemistry dated on 24-6-2020.
- Participated in one day National Webinar on “Covid-19 and care for Environment” organized by IQAC, St.Xaviers college, Palayamkottai dated on 26-6-2020.
- Attended a national webinar on COVID-19-HOUSEHOLD FOOD SAFETY GUIDELINES” organized by the department of Microbiology, Andhra Loyola

College, Vijayawada in collaboration with FOSTAC India Pvt. Ltd dated on 13-7-2020.

- Participated webinar on “An overview on Plant Taxonomy” organized by Dept.of Botany (PG), ALC, VJA held on 20th Aug, 2020.
- Actively participated in the International webinar on “Drug Discovery and Career prospects in Biological Sciences conducted by Department of Microbiology, Botany and Biotechnology, Andhra Loyola College, Vijayawada, Andhra Pradesh, India on 10th July 2021.

Research papers/Abstracts published:

- Asha Jyothi B, Sankar Rao V, Prasad PRK and Srinivasa Rao P 2007 Effect of different sources of sulphur on uptake of nutrients and sulphur use efficiency : 1. Sunflower genotypes grown in red soils. Journal of Indian Society of Coastal Agricultural Research 25(2): 106-109.
- B.Asha Jyothi, P.Srinivasa Rao, V.Syama Sundar, J.V.Ramana Murthy and G.Hanumantha Rao 2021 Creation of digital database for the soils of Dagala Watershed using Remote Sensing and GIS:Multilogic in science VOL-XI, issue XXXVIII, April, 2021. ISSN 2277-7601.
- G.Ramesh, KVS Durga Prasad and P.Srinivasa Rao 2021 Morphological and Anatomical Diversity of Bulbophyllum in India : Current Horticuture 9(1):57-60, January-June 2021.
- B.Asha Jyothi, P.Srinivasa Rao, V.Syama Sundar, J.V.Ramana Murthy and G.Hanumantha Rao 2021 Land Evaluation and development of Optimum land use plan of Watershed using Remote Sensing and GIS Techiques : Chemical Science Review and letters 2021, 10(37), 01-08, ISSN 2278-6783.
- Siva Kumari.B and Srinivasa Rao P 2012 Nanotechnology related to health and environment. Two-day U.G.C. sponsored National Seminar on “Recent Trends in Nano biotechnology in the protection of health and environment” organized by Dept. of Botany held on Nov. 30th and Dec. 1st, 2012 at A.L.C. Vijayawada. pp : 77-78.
- Srinivasa Rao P and Rosaiah G 2014 “Conservation of mangrove ecosystem”. National seminar on “ Biodiversity and conservation of mangrove ecosystem in India-Present status and future perspective” sponsored by U.G.C-SAP-DRS programme organized by Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur held on 21st and 22nd July,2014, pp: 71.
- Srinivasa Rao P and Rosaiah G 2016 “Phytoremediation-A novel approach to combat soil pollution”. International Conference on Advances in Plant and

- Microbe Research (ICAMPR 2016)” sponsored by U.G.C-SAP-DRS programme organized by Department of Botany and Microbiology, Acharya Nagarjuna University, Guntur held on 6th – 8th January,2016, pp: 46.
- Srinivasa Rao P 2016 “Management of solid wastes” a Two-day DBT(MHRD,GOVY.OF INDIA,NEW DELHI) sponsored National Seminar on Emerging Trends in Environment and Sustainable development” organized by Dept. of Botany held on sep 2 nd and 3 rd sep 2016 at A.L.C. Vijayawada. pp : 77-78.
 - Srinivasa Rao P Rosaiah G Asha Jyothi B 2016 “Heavy metal soil pollution around the globe” in a Three day International Conference on “ NEW APPORACHES IN AGRICULTURE,FOOD&ENVIRONMENTAL SCIENCES” (NAAFES-2016) held on 22-24 December,2016,organaized by the departments of Botany, Biotechnology& Microbiology, Andhra Loyola college, Vijayawada. pp : 323-324.
 - Srinivasa Rao P “Probiotics and their potential impact on human health” in a Two day UGC Sponsored National Seminar held on 7 th -8 th September,2017 organaized by the Department of Microbiology, Andhra Loyola college, Vijayawada.
 - G.Prahlad,P.Srinivasa Rao,D.Ramya,Y.Sunadh “Global change and atmospheric pollution” on 3rd&4th Dec,2021-Two DayNational Conference on Advances in Agriculture and Environmental Studies(NCAE) organaized by the Department of Botany(UG&PG)and Agriculture and Rural Development, Andhra Loyola college, Vijayawada.

(P. Srinivasa Rao)