

Name of Faculty Dr. G VIJAYA LAXMI
 Designation Assistant Professor
 Nature of Job/Appointment Regular
 Date of Joining 10-11-2008
 E-mail drgvlaxmi_biotech@cbit.ac.in



Education Qualifications	Name of the Degree	Class
Ph. D	Doctor of Philosophy (Genetics) OU	Awarded
PG	M. Tech. (Biotechnology)	Distinction
PG	M.Sc. (Botany, Cytogenetics)	First
UG	B. Sc. (with Biology and Chemistry)	Distinction

Work Experience

Teaching	19 Years (Exclusive)
Research	08 years (Post-doctoral / Research Associate))
Industry	--
Others	

Area of Specialization Medicinal Plant Biotechnology

- Professional Memberships
1. Life member: The Indian Science Congress Association Mem.No. L24123(April-2014)
 2. Life Associate Member All India Biotech Association Southern Chapter
 3. Life member IWSAH December 2019

- Responsibilities held at Institution Level
1. R&D Committee member from 08-01-2012 to 28-6-2017.
 2. Member, Canteen committee 2017-2019

- Responsibilities held at Department Level
1. Member Board of Studies from 2013-till date
 2. Department Co-coordinator NAAC (2010-12),
 3. Department Coordinator ISO9001:2000, (2009-2019).
 4. Department Coordinator TEQIP II, (2010-2015)
 5. Department NBA Co-coordinator (Jan 2019-till date)
 6. Member, Course Expert Group and PAC

Research Guidance --

Awards Received Awarded with Rashtriya Shiksha Ratan award with medal, on 7th Dec 2018, by National Achievers Recognition Forum, New Delhi.

Courses Handled at Under Graduate. Tissue engineering, Plant Biotechnology, Tissue culture Lab, Intellectual Property Rights Regulatory Affairs and Clinical Trials, Genetics (Theory and Lab), Molecular Biology, Genetic Engineering and rDNA Technology (Theory and lab), Biochemistry, Immunology (Lab) Basics of Biology (for mathematic students)

No. of Papers Published National Journals – 02 International Journals – 7

Projects Carried out National Conference – International Conference –

1. Currently On hand: UGC SERO-MRP. "Studies on enhancement of secondary metabolites in *in vitro* through hairy roots and immobilized cell suspensions in medicinally important plant *Achyranthes aspera*" proposal number 3672 with financial assistance of Rs 140 000/- (April 2018-April2020)
2. Principal Investigator in a DBT funded project (2004) on "Survey Collection, Identification and nutritional assessment of lesser known edible plant resources of major tribes of A.P" for 38.08 Lakhs No. BT / PR4639 / NDB / 51 /038 /2004.
3. UGC-PTRAW- New Delhi, UGC Part-time Research Associate for Women (1999-2003) "Production of homozygous lines

through anther culture for transfer of disease resistance”

Patents	--
Technology Transfer	--
Invited Speaker	<ol style="list-style-type: none">1. Invited speaker : at International conference on Trends in plant sciences and agrobiotechnology and 40th Meeting of Plant Tissue Culture Association-India (PTCA-I), on “In Vitro studies in Purple vegetables”, February 14-16, 2019, at Indian Institute of Technology Guwahati, Assam, India2. Invited to Chair a session at International conference: : 3rd ICEM 2017 at JNTU, Hyderabad on 29th November 2017
No. of Books/Chapter Published with details	Published One Chapter - <i>In vitro</i> regeneration, genetic transformation and biotechnological applications to grain legumes: an assessment. In: Biotechnology in crop improvement.,ed. PC Trivedi. Pointer Publishers., India pp: 21-73 .ISBN.No. 978-81-7132-494-1.
Details of Short-Term Training Programs / Faculty Development Programs / Seminars / Workshops / Other Trainings (Attended and/or Organized).	<ol style="list-style-type: none">1. An online non-credit course authorized by Tel Aviv University and offered through Coursera on “Understanding plants - Part II Fundamentals of Plant Biology” (4 weeks) on 23.5.20202. Curanderismo: Traditional Healing Using Plants an online non-credit course authorized by University of New Mexico and offered through Coursera 25.5.2020(5weeks)3. Design Thinking for the Greater Good: Innovation in the Social Sector an online non-credit course authorized by University of Virginia and offered through Coursera (weeks) 28.6.20204. NPTEL NATE 12 weeks Course with an internal assessment score of 100% in June 20205. NPTEL 8 weeks Course on Cell culture Technologies “with an internal assessment score of 83% in June 20206. Organizing member: one-week Refresher course on “Bharateeya Chaitanyam” organised by CBIT, Hyderabad 29.06.2020 to 05.07.20207. Co-ordinated One Week Webinar cum Faculty Development Program Series on “Current Progress and Future Prospects of Biotechnology”, organised by the Department of Biotechnology, CBIT in association with Andhra Pradesh Akademi of Sciences from 08th to 13th June, 2020.8. Co-ordinator, “Neozion2017”, Organised by Dept. Biotechnology, CBIT during 15-16th September, 20179. One week online National level FDP on Cyber Security, organized by Department of MCA, CBIT(A) and Department of CSE, MGIT in association with Supraja technologies during 7-2 July 202010. Attended BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop and the interaction session and successfully completed both pre and post workshop online activities, involving 3 days of video lectures and hands-on work. organised by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India on 21 June 202011. One day International Webinar on “Flexible Energy Storage Devices” Jointly organized by Centre for Nano Science and Technology, IST, JNTU Hyderabad and Dayalbagh Educational Institute, Agra on 20th June 2020 under DST SERB and TEQIP III: Mentoring/Twinning system12. Two-day online Webseries on “Biomedical Imaging”, organized by the Department of Computer Science & Engineering, Keshav Memorial Institute of Technology, Hyderabad, Telangana on 16th & 17th June 2020.13. Attended Five days hands on workshop on “Patent Searching, Drafting and Filing” (online mode) from 29-05-2020 to 02-06-2020 organized by Panimal Institute of Technology, Tamilnadu in association with Turnip Innovations and Exlyze Intellectual Services, IEEE Computer Society & Computer Society of India.14. Attended One-week Faculty Development Program on “Outcome based Education and NBA Accreditation Process (UG) from 28-5-2020 to 1. 6.2020. organized by Chaitanya Bharathi Institute of Technology (A), Hyderabad.15. Attended the interaction session and successfully completed

both pre and post workshop online activities, involving 3 days of video lectures and hands-on work on 24 May, 2020. The training was organized by the Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), MHRD, Govt. of India.

16. Attended One Week Online Faculty Development Program On "Outcome Based Education: A Step Towards Excellence" Organized By Government Engineering College, Karad, Maharashtra, From 11-15 May 2020 Under Margdarshan Scheme Of AICTE, New Delhi.
17. Participated and Received Certificate in the IIC online Sessions Conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi to promote Innovation, IPR, Entrepreneurship, and start-ups among HEIs from 28th April to 22nd May 2020 during COVID-19 nationwide Lockdown
18. One day webinar on Intellectual Property Rights and Patenting" organised by Startcore Technologies Hyderabad on 10.4.2020
19. Attended a Two-day Symposium on "Biomedical Innovations and small Business Opportunities" organized by Sri Venkateshwara Institute Medical Sciences 9SVIMS), Thirupathi, Sugan Life Sciences Pvt.Ltd, FABA, Hyderabad during January 22-23, 2020 at SVIMS, Thirupathi. Andhra Pradesh.
20. Attended XIV Triennial National conference on IWSA on "Women led science, Technology and Innovation" held from 11-3 December, 2019 organized by Indian Women Scientists' Association (IWSA) Hyderabad Branch, at ICMR-National Institute of Nutrition, Hyderabad, Telangana
21. Attended a 2 Day Rural immersion training program on "Swachhta Action Plan and community Engagement at CBIT, Hyderabad, organized by Mahatma Gandhi National Council of Rural Education (MGNCRE) during November 14-15, 2019
22. Attended 1 week short term training programme through ICT mode on NBA Accreditation. Org by National Institute of Technical Teachers Training and Research (NITTR) Kolkota. Estb. By Ministry of Human resource Development. India. 22-26 April, 2019
23. Attended 5-day workshop on "Advanced techniques in microbial systematics" at Microbial type culture collection and gene bank (MTCC), IMTECH, Chandigarh. 26-30th November 2018.
24. Attended 3 day International workshop on "Biomaterials, Cellular and Molecular Theranostics" org. by Centre for Biomaterials, Cellular and Molecular Theranostics (CBCMT), VIT University, Vellore, from 18-20 January, 2017.

Details of Journal Publications/
Conferences **(National and
International)**

International Journal from 2017

1. Pv Parvati Sai Arun, Vineetha Yarlagadda, Govindugari Vijaya Laxmi and Sumithra Salla (2020) "Computational Analysis of the Hypothetical Protein P9303_05031 From Marine Cyanobacterium Prochlorococcus Marinus MIT 9303". J integr Bioinform. Volume 17 Issue 1, pp. 1-9 Publisher De Gruyter. (Scopus)
2. Vijaya Laxmi Govindugari, P Srinivas Reddy, D Madhavi Latha and A Sandeep Reddy. (2019) "Effect of Bacillus subtilis on concrete with steel fibers and fly ash" International Journal of Engineering Trends and Technology Volume 67 Issue 7 pp. 5-10