



**Kakatiya University**

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**DR. SHASTHREE TADURI**

Assistant Professor

Dr. CV Raman Post Doctoral Research Fellow (PDF), MSU-USA

Director- Centre for Foreign Relations Research Consultancy (CFRAC)



**Professional Preparation:**

SRR Degree College, KNR, B.Sc. 1998  
Kakatiya University, WGL, M.Sc.2000  
Kakatiya University, WGL, Ph.D.2005  
Mississippi State University, USA, PDF. 2017

ADDRESS (O): Department of Biotechnology,  
Kakatiya University,  
Warangal-506009.  
Telangana State. INDIA

Mobile: +91 8790050059

E-mail: [tadurishasthree@kakatiya.ac.in](mailto:tadurishasthree@kakatiya.ac.in)  
[shastritaduri@gmail.com](mailto:shastritaduri@gmail.com)

ADDRESS (R): # 2-9-704/1, NGO's Colony  
Waddepally, Hanmakonda,  
Warangal-506370  
Telangana State. India

DATE OF BIRTH: 16<sup>th</sup> August, 1975

Nationality: Indian

Sex: Male

**Fellowships :** Dr. CV Raman Post Doctoral Research fellowship at MSU, USA  
2015-16 Awarded by University Grants Commission, New Delhi,  
INDIA. Order No. F.5-10/2016 (IC) Dated. 07.03.2016.

**Achievements/Awards:** Associated Fellow of Telangana Academy of Sciences,  
Telangana State, 2018.

## Research and Teaching Experience:

TEACHING EXPERIENCE: 19 years

AREA OF TEACHING: Plant Biochemistry, Enzymology and Plant Biochemistry, Nanotechnology, Plant Stress Physiology, Metabolic Engineering, Genetic Engineering, Biotization Environmental Plant Physiology and Heavy metal studies in crop and vegetable plants

RESEARCH EXPERIENCE: 22 years

AREAS OF RESEARCH: Green Synthesis of Nanotechnology, Metabolic engineering, Plant Genetic Engineering, Biotization, Plant Stress Physiology, Phytochemical Screening and Applications, Heavy Metal Studies and Agriculture Biotechnology, Plant Tissue Culture,

TITLE OF PH.D THESIS: Tissue Culture Studies in *Erythrina variegata* L.

Research Supervision: 08

No. of PhDs guided: 05

No. of PhDs is now guiding: 03

## Research Projects :

University Grant Commission, New Delhi, Government of India (2012-2015) Funded 12,08,000=00 under (MRP). **Entitled:** Micropropagation and genetic transformation through *Agrobacterium rhizogenus* for production of potential alkaloids in *Citrullus colosynthis* (L) Schrad. Project sanction order no: (UGC-MRP: F.No.41-530/2012) (SR).

## Administration Positions:

- ✓ In charge Head Department of Biotechnology of Arts & Science College from 18-11-2010 to 30-06-2012.
- ✓ Joint Director of Ganapathi Deva Hostels from 15-09-2012 to 24-09-2015.
- ✓ Board of Studies Chairpeson (BOS) in the Department of Biotechnology from 16.07.2017 to 23. 08.2018.
- ✓ Head Department of Biotechnology, Kakatiya University, Warangal from 09.05.2018 to 08.05.2020.
- ✓ Director-Centre for Foreign Relations Research Consultancy (CFRAC) from 22.07.2019 to Till.
- ✓ Board of Studies Chairpeson (BOS) in the Department of Biotechnology from 19.05.2020 to 18. 05.2022

### **Governing Body member**

- ✓ Komaram Bheem Degree college, Gundala Khammam. 30-01-2014 to 30-1-2016. (Order No: 17 /DAA / KU/2014; Dated:30-01-2014)
- ✓ Chathrapathi Degree College, Adilabad. 24.04.2017; (Order No: 92/Acad. Audit/KU/2017, Dated: 24.04.2107)
- ✓ Sri Vidya Degree College, Jangaon (V&N) Warangal 24.04.2017 to Till (Order No: 92/Acad. Audit/KU/2017, Dated: 24.04.2107)

### **Board of Studies Member**

- ✓ Department of Biotechnology, 22.11.2012. (OrderNo:11/1/B3/KU/2012, From: 22-11-2012 to 21. 11.2014.)
- ✓ Department of Biotechnology, 22.11.2012. (OrderNo:500/B2/KU/2016, From: 02-05-2016 to 1.05 2018).
- ✓ Biotechnology Chaitanya Postgraduate College; (Lt. No.63/CDC/(A)/BOS/2018; From16-02-2018 to Till)
- ✓ Department of Biotechnology, Government Degree College ( Autonomous), SIDDIPET (R.C. No.222/GDC/SDPT/BOS/2019; From 2.11.2019 to Till)
- ✓ Department of Microbiology (PG &UG) Kakatiya University. (OrderNo:1249/B3/KU/2021; From 07.09.2021 to Till).

### **Departmental Committee Member**

- ✓ Department of Biotechnology, Kakatiya University. (OrderNo:736/A2/KU/2015/DC/Gen-04; From 04-11-2015 to 24-11-2016)
- ✓ Department of Biochemistry, Kakatiya University, (OrderNo:133/A2/KU/2019/DC/Gen-04; From: 25-02-2019 to 24.02.2021)
- ✓ Department of Biotechnology, Kakatiya University. (OrderNo:120/A2/KU/2019/DC/Gen-04; from : 25-02-2019 to Till).

### **International Visiting Places**

1. Department of Plant and Soil Sciences, Mississippi State University, USA. Dated. 15 May, 2016 to 11 June, 2017.
2. Delta Research and Experiment Station, Stoneville, Mississippi State 38776. USA. Dated 09 August, 2016.
3. North Mississippi Research and Extension Center on the occasion of Row Crops Field Day at Lee County Agri - Center, Verona, Mississippi State, USA. Dated Thursday, August 11, 2016.
4. Sweetpotato field day at Pontotoc Branch Experiment Station, Pontotoc 38863, USA. Dated 24<sup>th</sup> August, 2016.
5. Radiation Experiment Department, Bridgeport, Connecticut, USA. Dated 20th to 29th December, 2016.

### **Member in Professional Bodies:**

1. Life Member in National Academy of Biological Sciences. **LM-036-17**
2. Life member in Biotech Research Society of India (**LM 2089**)
3. Associated Fellow of Telangana Academi of Science (**S. No. 24, 2017**)

### **Books and Chapters**

1. B.Sc., Biotechnology, **I -Semester Biological Chemistry**, Telugu Academy Govt of Telangana 2019.
2. B.Sc Biotechnology, **III-Semester Biochemistry**, Telugu Academy Government of Telangana 2022.
3. B.Sc., Biotechnology, **V-Semester Elective (A) Plant Biotechnology**, Telugu Academy Government of Telangana 2022.

### **Reviewer for Reputed Journals**

- ✓ Journal of Applied Biology and Biotechnology
- ✓ Current Journal of Applied Science and Technology
- ✓ Current Trends in Biotechnology and Pharmacy

- ✓ Journal of Physiol Mol Biol Plants
- ✓ Journal of Herbs Spices and Medicinal
- ✓ Research Journal of Biotechnology
- ✓ Research Journal of Chemistry and Environment
- ✓ Natural Resources for Human Health
- ✓ Journal of Pharmacognacy and Phytochemistry
- ✓ Plant Cell Biotechnology and Molecular Biology
- ✓ Asian Journal of Biotechnology
- ✓ Journal of Biochemistry: An international Journal.
- ✓ Journal of Vegetos

#### MoU/ Collaboration Details:

S.no	Name of the Professor	Type of Collaboration
1.	<b>Prof. Raja Reddy</b> Research Professor Environment plant Physiology Laboratory Mississippi State University.	The UGC, New Delhi, sponsored Dr. CV.Raman Fellowship for a year 2016-2017. Visited his laboratory (Environment Plant Physiology in the Department of Plant and Soil Science) for one year under the Fellowship. We did some experiments for crop improvements and factors affecting the production of secondary metabolites in medicinal plants.  We have published four paper in Journal of Photosynthetica <b>(IF: 3.189)</b> and Journal of Agronomy (MDPI) <b>(IF: 3.417)</b>
2.	<b>Prof. Laszlo Szabados</b> Professor Biological Research Centre, Temesvári krt 62, H-6726 Szeged, Hungary	One of my Ph.D students visited his lab (stress physiology) for a year and during that time did some experiments under his guidance.  The Fellowship was sponsored by the Indo-Hungarian Scheme 2016-17. They published a paper in the a Reputed Journal of Experimental Botany <b>(IF: 5.908)</b>

**Ph.Ds Guided**

S. No	Name of the student	Title of Thesis	Year of award	Fellowship by	Order No
1	Ramkrishna D	Tissue culture studies and strategies for enhancement of active biomolecules in <i>Citrullus colocynthis</i> (L.) Schard	2018	UGC- New Delhi, India. MRP: F.No.41-530/2012	282/E1/P h.D/KU/2018
2.	Chaitanya Gopu	<i>In vitro</i> studies, phytochemical screening and silver nanoparticle production in <i>Momordica cymbalaria</i> Fenzl	2021	UGC-SAP-DRS-II program Govt of India	342/E1/P h.D/KU/2021
3	Ch. Pavani	<i>Solanum khasianum</i> Clarke: Biotechnological Perspectives	2021	--	819/E1/P h.D/KU/2021
4	Vankudoth Suvarchala	<i>In vitro</i> studies and screening of bioactive molecules from <i>Muntingia calabura</i> (L.)	2021	UGC, New Delhi, India NFST-2015-17-ST-TEL-2837	855/E1/P h.D/KU/2021
5	V. Spoorthi	Tissue culture studies, biochemical analysis and silver nanoparticle production in <i>Corellocarpus epigeus</i> .	2022	--	20/DFS/KU/2018

**Ph.Ds are Now Guiding**

S. No	Name of the student	Title of Thesis	Year of Registration	Fellowship by	Admn Order No
1	T.Shiva Prasad	<i>In vitro</i> regeneration, root culture and analysis of secondary metabolites in some importance medicinal plants	2015	--	788/DFS/KU/2015
2.	T.Harish Tulasi	Biotechnological investigations for <i>in vitro</i> production of pharmaceuticals in tissue cultures of some important medicinal plants	2015	--	788/DFS/KU/2015
3	Dharavath Sunithabai	Enhancement of a potent anticancer drug camptothecin in <i>Nathopodytes poetida</i> through biotechnological approach	2018	CSIR-HRDG New Delhi, India. (F.NO.09/38 4(0166)/2019 - EMR-I).	45/DFS/KU/2019

### **Invited Talks/Lectures:**

- ✓ Delivered an invited lecture on Recent Trends in the Biotechnology, college of RDWD & PG College, Hanamakonda, Telangana State. Held on 12.11.2018.
- ✓ Delivered an invited lecture on Rules & Regulations for Prevention and Prohibition of Ragging” for all PG Ist Years students. Held on 10.07.2018 at Botany Seminar Hall, Kakatiya University.

### **Conferences Organized:**

- ✓ Global Scenario. 2010 Nov. 2<sup>nd</sup> to 4<sup>th</sup>. Organized by Department of Biotechnology, Kakatiya University, Wgl. Actively Participated in organizing International Conference on Biotechnology
- ✓ Human Welfare. 2013 Feb. 7<sup>th</sup> to 9<sup>th</sup>. Organized by Department of Biotechnology, Kakatiya University, Wgl. Actively Participated in organizing International Conference on Emerging.
- ✓ Biotechnologies. 2016 Jan. 28<sup>th</sup> to 30<sup>th</sup>. Organized by Department of Biotechnology, Kakatiya University, Wgl.

### **International Conferences:**

1. International conference on Row Crop Short Course on 5<sup>th</sup> - 7<sup>th</sup> December , 2016 Organized by Department of Plant and Soil Sciences, Mississippi State University, Mississippi, USA.
2. Southern Association of Agricultural Scientists Annual Meeting and Conference (SAAS) on February 5<sup>th</sup> – 7<sup>th</sup>, 2017 at Mobile Conventional Centere, Mobile, Alabama, USA.
3. National Sweetpotato Collaabrators Group 2016 Annual Conference on February 3<sup>rd</sup> - 4<sup>th</sup>, 2017 at Mobile, Alabama, USA.
4. The Mississippi Academy of Sciences 81<sup>st</sup> Annual Meeting and Conference on February 23<sup>rd</sup> -24<sup>th</sup> , February, 2017 Organized by the University of Southern Mississippi, Hattiesburg, Jackson, MS USA.
5. International Conference on Emerging Biotechnologies. 26<sup>th</sup> - 30<sup>th</sup>, January 2016. Organized by Department of Biotechnology, Kakatiya University, Warangal Telangana State, INDIA.
6. International Conference on Biotechnology in Human Welfare. 7<sup>th</sup> - 9<sup>th</sup> February 2013. Organized by Department of Biotechnology, Kakatiya University, Warangal (A.P.) INDIA.

7. International Conference on Chemical and Bioprocess Engineering. India (ICCBPE – IN 2013). 16<sup>th</sup> – 17<sup>th</sup> November 2013. Organized by National Institute of Technology, Department of Chemical Engineering Warangal (A.P.) INDIA.
8. International Conference on Biotechnology: A Global Scenario 2<sup>nd</sup>, 4<sup>th</sup> November 2010. Organized by Department of Biotechnology, Kakatiya University, Warangal (A.P.) INDIA.
9. International Conference on Plant Biotechnology and Molecular Biology. 15<sup>th</sup> -17<sup>th</sup> August, 2008. Organized by Department of Biotechnology, Kakatiya University, Warangal (A.P.) INDIA.
10. International & Conference on Strategies and Challenges in Higher Education, during 15<sup>th</sup> – 17<sup>th</sup> May 2020. Organized by Government Vidarbha Institute of Science & Humenties, Amaravati, Maharashtra, Inida.
11. One day internal webinar on Advances in Translational Cancer Research and Therapeutics on 25.07.2020. Organized by Krishana University, Machilipatnam, Andhra Pradesh, India.
12. International Webinar Series on Plant Tissue Culture: Current Trends and Future Perspectives from 17<sup>th</sup> -19<sup>th</sup> 2021. Organized by Department of Biotechnology, GSFC University, Gujarat, India.

### **National Conferences:**

13. Recent Trends in Plant Disease Diagnosis and Control with Refernce to Central India. On 1<sup>st</sup> &2<sup>nd</sup> December, 2018. Organized by Department of Microbiology, Kakatiya University, Telangana State India.
14. Two days Science Academies Lecture Workshop on Animal Biodiversity, Ecology & Strategies of Conservation 9<sup>th</sup> & 10<sup>th</sup> November, 2017. Organized by Department of Zoology, Kakatiya University, Warangal. Telangana State.
15. National Conference on “Plant Diversity: Challenges in Conservation and sustainable Utilization 4<sup>th</sup> to 6<sup>th</sup> 2016. Organized by Department of Botany, Kakatiya University, Warangal Telangana State, INDIA.
16. National Conference on “Emerging Research Trends in Plant Science in 21 st Century” 12- 13<sup>th</sup> February 2015. Organized by Department of Botany, Kakatiya University, Warangal Telangana State, INDIA.
17. National Workshop on Emerging Trends in Genetic Engineering 27<sup>th</sup> - 29<sup>th</sup> December 2013.Organized by the Department of Biotechnology, National Institution of Technology, (NIT), Warangal, Telangana State, India.
18. National Conference on Current Trends in Biotechnology 7<sup>th</sup> to 8<sup>th</sup> December, 2013. Organized by Department of Botany, Osmania University, Hyderabad (A.P.) India



19. National Seminar on Biotechnology in Life Sciences Current Trends and Development 18<sup>th</sup> to 19<sup>th</sup> 2009. Organized by Department of Zoology, Kakatiya Government Degree & P.G College, Warangal (A.P.) INDIA.
20. National Conference on Plant Biotechnology 2<sup>nd</sup> - 3<sup>rd</sup> 2008. Organized by Department of Botany, Kakatiya University, Warangal (A.P.) INDIA.
21. National Conference on Current Trends in Plant Sciences 24<sup>th</sup> - 25<sup>th</sup> March 2008. Organized by Department of Botany, Kakatiya University, Warangal (A.P.) INDIA.
22. National Conference on Recent Advances in Plant Sciences 5<sup>th</sup> - 6<sup>th</sup> February 2007. Organized by Department of Botany, Kakatiya University, Warangal (A.P.) INDIA.
23. National Seminar on Current Trends in Plant Sciences 22<sup>nd</sup> - 23<sup>rd</sup> September, 2007. Organized by Department of Botany, Government of Degree & P.G College for Women, Karimnagar (A.P.) INDIA.

#### **International Training Programs and Workshops:**

1. Research Training Program Organised by Delta Research Experiment Station during 09<sup>th</sup> and 10<sup>th</sup> August, 2016 at Stoneville, Mississippi State 38776. USA.
2. Cochran Fellow Training Program Organized by USDA Foreign Agriculture Service During 2<sup>nd</sup> - 3<sup>rd</sup> August 2016 at Mississippi State University, MS, USA.
3. Row Crops Field Day Training Program Organized by North Mississippi Research and Extension Agri - Center, during August 11, 2016 at Verona, Agri - Center, Mississippi State, USA.
4. Sweet potato field day and Training Program Organized by Pontotoc Branch Experiment Station, during 24<sup>th</sup> August, 2016 at Pontotoc Branch Experiment Station, Pontotoc 38863, USA.

#### **National Training Programs, FDP and Workshops:**





1. Attended Research Methodology from 24.01.2022 – 31.02.2022 (FDP) sponsored by UGC, Organized by Jawaharlal Nehru Technological University, Hyderabad, Telangana State.
2. Attended Recent Trends & Innovations in Digital Forensic, 25<sup>th</sup> -30<sup>th</sup> May 2020, Organized by AISSMS, IEEE, Pune, Maharashtra
3. Attended Challenges in Discovery of antiviral Agents and Vaccines from 08.06.2020 – 13.06.2020 (FDP) sponsored by UGC, Organized by Jawaharlal Nehru Technological University, Hyderabad, Telangana State.







4. Attended LaTeX & Technical Report Writing from 25<sup>th</sup> -30<sup>th</sup> May, 2020 (one week FDF) Organized by Department of Mathematics, Kakatiya University, Warangal, Telangana State.
5. Attended Teaching Faculty Training, Awareness Programme On “Prevention of Drug Abuse” from 02<sup>nd</sup> to 3<sup>rd</sup> August, 2017. Sponsored by: Rashtriya Uchchar Shiksha Abhiyan, Government of Telangana.
6. Attended Refresher course, conducted by UGC Academic Staff College, Osmania University, Hyderabad from 29-10-2018 to 20-11-2018.
7. Workshop on SAKSHAM – IT Champion Training Program from 01-04-2014 to 10-04-2014. Organized by MHRD and Microsoft at Kakatiya University, Warangal (A.P.) INDIA.
8. Attended One day workshop on SPSS 22 Application, on 5<sup>th</sup> July, 2014. Organized by Department of Computer Science, Kakatiya University, AP.
9. Attended Refresher course, conducted by UGC Academic Staff College, Osmania University, Hyderabad from 08-8-2013 to 28-8-2013
10. Attended National workshop on EMERGING TRENDS IN GENETIC ENGINEERING (ETGE 2013). 27<sup>th</sup> to 29<sup>th</sup> December. Organized by Department of Biotechnology National Institute of Technology (NIT) Warangal. INDIA.
11. Attended Orientation course, conducted by UGC Academic Staff College, Osmania University, Hyderabad from 28-9-2012 to 31-10-2012.
12. Workshop on Molecular and Photochemical Techniques in Plant Science 23<sup>rd</sup> to 28<sup>th</sup> January 2007. Department of Botany, Kakatiya University, Warangal (A.P.) INDIA.




#### **Presentation Oral/Poster:**



1. **Taduri, S.,** A. Lone, S.L. Meyers, M. Shankle and K.R. Reddy. 2017. Sweetpotato cultivar responses to interactive effects of temperature, drought, and carbon dioxide. ASA-CSSA-SSSA Annual Meetings, 22-25 October, 2017, Tampa, FL, USA.
2. **Taduri, S.,** A. Lone, S.L. Meyers, M. Shankle and K.R. Reddy. 2017. Sweetpotato cultivar responses to interactive effects of temperature, drought, and carbon dioxide. National Sweetpotato Collaborators Group 2016 Annual Conference Feb, 3-4, 2017 Mobile, AL, USA.
3. **S.Taduri** and K. R. Reddy; Mississippi State University. High Efficient Somatic Embryogenesis Development from Leaf Cultures of *Citrullus Colocynthis* (L.) Schrad for Generating True Type Clones. American Society of Agronomy Annual Meeting February 5-7, 2017 Mobile, AL, USA
4. **Taduri, S.,** D. Ramakrishna, and K.R. Reddy. 2017. Somatic embryogenesis and plant regeneration from leaf cultures of *Citrullus colocynthis* (L.). 81<sup>st</sup> Annual Mississippi Academy of Sciences Meeting, Feb. 23-24, 2017, Hattiesburg, MS, USA.

5. Jumma, S., A. Lone., **S.Taduri.**, E. Redona, and KR.Reddy.2017. Developing a screening protocol for drought tolerance classification of 100 elite rice lines. ASA-CSSA-SSSA National meeting, oct. 22-26, Tampa, FL, USA.
6. Jumma, S., A. Lone., **S.Taduri.**, E. Redona, and KR.Reddy.2017. Evaluation of elite rice lines for drought tolerance during early growth stages. 81<sup>st</sup> Annual Mas Meeting. Feb 23- 24, Hattiesburg, Mississippi, USA.
7. **Taduri, S.**, A. Lone, S.L. Meyers, M. Shankle and K.R. Reddy. 2017. Sweetpotato cultivar responses to interactive effects of temperature, drought, and carbon dioxide. National Conference on Harmony with Nature in Context of Environmental Issues and Challenge, Dec, 21- 23, Department of Zoology, Kakatiya University, Telangana, India
8. 2<sup>nd</sup> International conference on Innovation in Engineering Science (online) presented a paper on Biological activity of green synthesized silver nanoparticles and different plant extracts of *Solanum khasianum* dated 27<sup>th</sup> -28<sup>th</sup> April 2021. Organized by International Research Science HUB.



<b>Research Publications</b>				
S.No.	Authors, Title	Journal	Year	Impact Factor
51	<b>Shasthree Taduri</b> , Raju Bheemanahalli , Chathurika Wijewardana, Ajaz A. Lone , Stephen L. Meyers , Mark Shankle, Wei Gao and K. Raja Reddy Sweetpotato cultivars responses to interactive effects of warming, drought, and elevated carbon dioxide. <a href="https://doi.org/10.3389/fgene.2022.1080125">https://doi.org/10.3389/fgene.2022.1080125</a> .	 frontiers in Genetics	2023	<b>4.772</b>
50	Pavani Chirumamilla1 · <b>Shasthree Taduri.</b> GC–MS Fingerprinting and Antibacterial Activity of <i>Solanum khasianum</i> Stem and Fruit Extracts <i>Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.</i> <a href="https://doi.org/10.1007/s40011-023-01453-8">https://doi.org/10.1007/s40011-023-01453-8</a> .	 Springer	2023	<b>0.96</b>
49	Spoorthi Veera, Pavani Chirumamilla, Sunitha Bai Dharavath, Narsimhulu Maduru, <b>Shasthree Taduri</b> . Facile green synthesis of silver nanoparticles using <i>Corallocarpus epigaeus</i> leaf extract: structural, photoluminescence and antibacterial properties <i>Journal of Chemical data collections.</i> 45 101032. <a href="https://doi.org/10.1016/j.cdc.2023.101032">https://doi.org/10.1016/j.cdc.2023.101032</a> .	 ELSEVIER	2023	<b>0.217</b>
48	Pavani Chirumamilla, <b>Shasthree Taduri</b> . Plant responses to abiotic stresses: heavy metals - on <i>in vitro</i> nodal propagation of <i>Solanum khasianum</i>	 Springer		


	Clarke, its morpho-physiological and anatomical studies. <i>Journal of Plant Physiology Reports</i> . <i>Accepted</i>		2023	
47	Suvarchala Vankudoth, Sunitha Bai Dharavath, Pavani Chirumamilla, <b>Shasthree Taduri</b> . Pharmacological Activities of Green Synthesized Silver Nano particles and Leaf, Root Extracts of <i>Muntingia calabura</i> <i>Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci.</i> .		2023	<b>0.96</b>
46	Ramakrishna Dasari, Sunitha Bai Dharavath, Hari Yadla and <b>Shasthree Taduri</b> . Seed germination and dormancy breaking in <i>Citrullus colocynthis</i> in response to various treatments. <i>Vegetos An International Journal of Plant Research and Biotechnology Springer Scopus</i> . <i>Under review</i>		2023	
45	Suvarchala V, Sunithabai D, Spoorthi V, Narsimhulu M, Radhika Ch, Pavani Ch, Chaitanya G, <b>Shasthree T</b> . Green synthesis, characterization, photoluminescence and biological studies of silver nanoparticles from the leaf extract of <i>M.calabura</i> . <i>Journal of BBRC</i> . <a href="https://doi.org/10.1016/j.bbrc.2022.09.054">https://doi.org/10.1016/j.bbrc.2022.09.054</a> ;		2022	<b>3.322</b>
44	Pavani Chirumamilla, Suvarchala Vankudoth, Sunitha Bai Daravath, Ramakrishna Dasari, <b>Shasthree Taduri</b> ). <i>In Vitro</i> Anti-Inflammatory Activity of Green Synthesized Silver Nanoparticles and Leaf Methanolic Extract of <i>Solanum khasianum</i> Clark. <i>Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci</i> . <a href="https://doi.org/10.1007/s40011-021-01337-9">https://doi.org/10.1007/s40011-021-01337-9</a> .		2022	<b>0.96</b>
43	G. Chaitanya, Ch. Pavani and <b>T. Shasthree</b> . Effect of heavy metals on <i>in vitro</i> growth and development of the <i>Momordica cymbalaria</i> Fenzl. <i>International Journal of Environmental Science and Technology</i> . <a href="https://doi.org/10.1007/s13762-022-04437-9">https://doi.org/10.1007/s13762-022-04437-9</a>		2022	<b>3.083</b>
42	Pavani Chirumamilla, Sunitha Bai Dharavath, Ramakrishana Dasari, Ramamurthy Koduri, Sanjeeva Rao Lade and <b>Shasthree Taduri</b> . GC-MS fingerprinting and antibacterial activity of methanolic extracts of <i>in vitro</i> derived samples of <i>Solanum khasianum</i> . <i>Journal of Plant Biotechnology</i> . ( <i>Accepted Scopus</i> )		2022	

41	Pavani Chirumamilla, <b>Taduri Shasthree</b> ). Assessment of <i>in vitro</i> anti-inflammatory, antioxidant and antidiabetic activities of <i>Solanum khasianum</i> Clarke. <i>Vegetos An International Journal of Plant Research and Biotechnology</i> Springer Scopus. <a href="https://doi.org/10.1007/s42535-022-00410-6">https://doi.org/10.1007/s42535-022-00410-6</a>		2022	
40	Vankudoth Suvarchala, Chirumamilla Pavani , Dharavath Sunitha Bai , <b>Taduri Shasthree</b> . Qualitative and Quantitative Determination of Phytochemical Contents of <i>Muntingia calabura</i> . <i>Research Journal of Chemistry and Environment</i> . <b>26 (5) 8-15</b> .	<i>Research Journal of Chemistry and Environment</i>	2022	UGC Approved Journal, Scopus
39	Pavani Chirumamilla, Sunitha Bai Dharavath and <b>Shasthree Taduri</b> . Eco-Friendly Green Synthesis of Silver Nanoparticles from Leaf Extract of <i>Solanum khasianum</i> : Optical Properties and Biological Applications. <i>Applied Biochemistry and Biotechnology</i> . <a href="https://doi.org/10.1007/s12010-022-04156-4">https://doi.org/10.1007/s12010-022-04156-4</a> .		2022	<b>2.830</b>
38	Pavani Chirumamilla, and <b>Shasthree Taduri</b> . Qualitative screening and Quantitative determination of secondary metabolites from different plant extracts of <i>Solanum khasianum</i> Clarke <i>Research Journal of Chemistry and Environment</i> . <b>26 (12) 113-123</b> .	<i>Research Journal of Chemistry and Environment</i>	2022	
37	Chaitanya Gopu, Pavani Chirumamill, Srikanth Kagithoju, and <b>Shasthree Taduri</b> . Green synthesis of silver nanoparticles using <i>Momordica cymbalaria</i> aqueous leaf extracts and screening of their antimicrobial activity. <i>Proceedings of the National Academy of Sciences, India Section B: Biological Sciences</i> . <a href="https://doi.org/10.1007/s40011-022-01367-x">https://doi.org/10.1007/s40011-022-01367-x</a>		2022	
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32	Kambham Raja Reddy, Akanksha Seghal, Salah Jumaa, Raju Bheemanahalli, Naqeebullah Kakar, E. D. Redoña, Chathurika Wijewardana, Firas Ahmed Alsajri, Daryl Chastain, Wei Gao, Shasthree Taduri and Ajaz A. Lone. Morpho-Physiological Characterization of Diverse Rice Genotypes for Seedling Stage High- and Low-Temperature Tolerance. <i>Journal of Agronomy</i> 1-19. <a href="https://doi.org/10.3390/agronomy11010112">https://doi.org/10.3390/agronomy11010112</a>		2021	3.417
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29	Chirumamilla Pavani, Taduri Shasthree. Biological activity of green synthesized silver nanoparticles and different plant extracts of Solanum khasianum Clarke. <i>International Conference on Innovation in Engineering Sciences (3)</i> : 12-17.	<i>Innovation in Engineering Sciences</i>	2021	
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27	Z. Chen, W. Gao, K.R. Reddy, M. Chen, <b>S. Taduri</b> , S.L. Meyer, And M.W.Shankle. Ultraviolet (Uv) B Effects On Growth And Yield Of Three Contrasting Sweet Potato Cultivars. <i>Journal Of Photosynthetica</i> <b>58 (1)</b> : 37-44; DOI: <a href="https://doi.org/10.32615/ps.2019.137">10.32615/ps.2019.137</a> ,		2020	<b>3.189</b>
25	Spoorthi Veera, Pavani Chirumamilla and <b>Shasthree Taduri</b> . High Efficiency In vitro Regeneration and Genetic Stability of Corallocarpus epigaeus - An Endangered Medicinal Plant. <i>Plant Tissue Cult. &amp; Biotech</i> <b>30(2)</b> : 219-229 DOI: <a href="https://doi.org/10.3329/ptcb.v30i2.50692">https://doi.org/10.3329/ptcb.v30i2.50692</a>	PTC&B	2020	UGC Approved Journal
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	important anti-cancerous compound; cucurbitacin E via elicitation and precursor feeding of <i>in vitro</i> culture of <i>Citrullus colocynthis</i> (L.) Schard.. <i>Journal of Vegetos</i> <b>33</b> :323–334 <a href="https://doi.org/10.1007/s42535-020-00110-z">https://doi.org/10.1007/s42535-020-00110-z</a>		2020	
22	Chaitanya Gopu, Chandra Shekar Chakilam Pavani Chirumamilla, Suvarchala Vankudoth, and <b>Shasthree Taduri</b> . Rapid <i>in vitro</i> adventitious rooting and proliferation by leaf and nodal cultures of <i>Momordica cymbalaria</i> Fenzl. <i>Journal of Applied Biology &amp; Biotechnology</i> <b>8(02)</b> , pp. 103-107, DOI: <a href="https://doi.org/10.7324/JABB.2020.80217">10.7324/JABB.2020.80217</a>	<i>Journal of Applied Biology &amp; Biotechnology</i>	2020	
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19	Raja Reddy, Salah Jumaa, Chathurika Wijewardane, Ajaz Lone, Firas Ahmed alsjari, Naqeebulla Naqeebulla, <b>Shasthree Taduri</b> , and Ed Redoña. . Morpho- physiological Characterization of Diverse Rice Lines for High – and Low Temperatur Tolerance. <i>Journal of Physiology and Breeding MSU</i> 20 – 21	<i>Journal of Physiology and Breeding</i>	2018	
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15	Rama krishshna Dasari, Muralikrishna Narra, Raghu Elladula, Srinivas Kota and <b>Shasthree Taduri .</b> Efficient <i>in vitro</i> propagation system via multiple shoot induction and assessment of clonal fidelity of regenerants in <i>Citrullus colosynthis</i> (L.) Schard. <i>Journal of plant cell Biotechnology and Molecular Biology</i> <b>16(3&amp;4):</b> 108–118; <a href="https://www.researchgate.net/publication/281737719">https://www.researchgate.net/publication/281737719</a>	<i>Journal of plant cell Biotechnology and Molecular Biology</i>	2015	<b>0. 937 &amp; Scopus</b>
14	Ramakrishshna and <b>Shasthree T.</b> Adventitious Rooting and Proliferation from different explants of <i>Citrullus colosynthis</i> L. Schrard an Endangered medicinally Important Cucurbit. <i>Asian Journal of Biotechnology</i> <b>7 (2):</b> 88-95. (ISSN 1996-0700); <a href="https://doi.org/10.3923/ajbkr.2015.88.95">DOI: 10.3923/ajbkr.2015.88.95</a>	<i>Asian Journal of Biotechnology</i>	2015	
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8	1. CH. Chandrashaker, <b>T. Shasthree</b> , D. Sammaiah and K. Jagan Mohan Reddy. Effect of Meccury on Tomato Growth and Yield Attributes. <i>International Journal of Pharma and Bioscience</i> <b>2</b> (2): 358-364; <a href="https://www.academia.edu/4163231">https://www.academia.edu/4163231</a> ;	<i>Journal of Pharma and Bioscience</i>	2011	
7	<b>T. Shasthree</b> , S.Madhavi, B.Mallaiah. Regeneration of Plantlets in <i>Erythrina variegata</i> L. by Organogenesis <i>Research Journal of Biotech</i> , <b>4</b> (3), 30-37. <a href="https://www.academia.edu/8234634">https://www.academia.edu/8234634</a>	<i>Research Journal of Biotech</i>	2010	<b>0.45</b>
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### Declaration

I hereby declare that the above mentioned information is correct, up to my knowledge and I will solely be responsible for any discrepancy found in them.

Place: Warangal.

(Dr. Shasthree Tador)