

FACULTY PROFILE

Name : **Dr. Madhusudhan Kairamkonda**
Designation : **Mentor in Biology**
Department : **Bioscience and Bio Engineering / Biology**
Qualification : **M.Sc., Ph.D., B.Ed., SET., TET**
Email ID : **madhukairamkonda@rgukt.ac.in**
Professional Experience



S. No	Period of Service	Name of the Institution	Designation
1	2003 - 2006	Co – operative Junior college and S.V.G. Degree College, Laxmanchanda, Nirmal (Dist) Telangana State	Lecturer
2.	2006 - 2007	<u>S.V.S. Degree & P.G.College,</u> <u>Hanamkonda,</u> <u>Warangal ,Telangana State</u>	Guest Lecturer
3.	2009 to till date	Rajiv Gandhi University of Knowledge Technologies , Basar	Mentor

List of Publications

1. **Madhusudhan Kairmkonda**, Vikram Godishala and , Venkataramana Kandi (2017) Identification of Newer Antimicrobial Agents: A Study of Invitro Antibacterial and Antifungal Activities of Leaf extracts of Medicinal Plant *Aerva lanata* (L.) Juss. ex Schult. *American Journal of Microbiological Research*, 2017, Vol. 5, No. 3, 66-70
2. **Kairamkonda MadhuSudhan**, Godishala Vikram and Nanna RamaSwamy (2011) Early flowering somaclonal variant of an endangered forest tree species *Wrightia tinctoria* R.Br: A potential ethno medicinal plant. *Journal of Cell and Tissue Research.*, Vol.11(3).
3. Godishala Vikram, **Kairamkonda Madhusudhan**, Kagithoju Srikanth, Mangamoori Laxminarasu and Nanna Rama Swamy. (2012). Zeatin induced direct shoots development and plant regeneration from cotyledon explants of cultivated tomato (*Solanum lycopersicum* L.). *Australian Journal of Crop Sciences* 6(1):31-35. . **(SCI indexed journal; impact factor 1.02; NAAS - 4.0).**
4. Godishala Vikram, **Kairamkonda Madhusudhan**, Kagithoju Srikanth, Mangamoori Laxminarasu and Nanna Rama Swamy. (2011). Effect of plant growth regulators on *in vitro* organogenesis in cultivated tomato (*Solanum lycopersicum* L.). *Journal of Research in Biology*, 1 (4): 263-268.

5. Srikanth Kagithoju, Vikram Godishala, **Madhusudhan Kairamkonda**, Hima Bindu Kurra and Rama Swamy Nanna. (2012). Recent Advances in elucidating the biological and chemical properties of *Strychnos potatorum* Linn. F. Review. *International Journal of Pharma and BioSciences*, 3(4): (B) 291-303.
6. Srikanth Kagithoju, Vikram Godishala, **Madhusudhan Kairamkonda**, Hima Bindu Kurra and Rama Swamy Nanna. (2011). Role of Phytohormones on seed germination of an endangered medicinally important forest tree species *Strychnos potatorum* Linn.F. *Proc. Nascent Tech in Biomedical, Electrical Eng. & Communications.*, Published by CiiT. Pp. 14-16.
7. B.SateeshKumar, K.Madhukar Rao, **K.MadhuSudhan**, M.KrishnaReddy, MSK.Prasad (2011). Isolation and Evaluation of antifertility activity of total alkaloids from leaves of *Aegle marmelos* in male Albino rats (*Rattus nivergicus*)., *International Journal of Applied biology and Pharamaceutical Tecchnology*, Vol:2, Issue :3, July-Sept 2011.
8. Srikanth Kagithoju, VikramGodishala, **MadhusudhanKairamkonda** and Rama SwamyNanna. (2013). Embryo culture is an efficient way to conserve a medicinally important endangered forest tree species *Strychnopotatorum*. *Journal of forestry research*. **24**(2): 279-283. ([Springer publishers; SCI indexed journal, IF-0.658](#)).

Review Article:

1. Srikanth Kagithoju, VikramGodishala, **MadhusudhanKairamkonda**, Hima Bindu Kurra and Rama SwamyNanna (2012) Recent advances in elucidating the biological and chemical properties of *Strychnopotatorum*Linn. f.-A review. *International Journal of Pharma and Bio Sciences*, **3**(4): (B) 291 – 303.
2. Srikanth Kagithoju, Vikram Godishala, Mahitha Banala, Mohammad HAdi Ebrahimzadeh, Fatemeh Soghra Younikeali, **Madhusudhan Kairamkonda**, RajinikanthMarka and Rama SwamyNanna (2015). Role of Plant biotechnology in human welfare- A review. *In: Proc. Recent Advances in Plant Sciences (Eds)Dr.V.V. Ramana, Dr. M. Kamala Rani, on 29th -30th Oct 2014, Org by- Singareni Collieries Women's Degree & P.G College,International Science Congress Association, International E- Publications, pp:16-30.*

Article Published in conference proceedings:

Research article

Srikanth Kagithoju, Vikram Godishala, **Madhusudhan Kairamkonda**, Hima Bindu Kurra and Rama Swamy Nanna (2011). Role of Phytohormones on seed germination of an endangered medicinally important forest tree species *Strychnos potatorum* Linn. F. In: *Proc. Nascent Tech in Biomedical, Electrical Eng. & Communications.*, Published by CiiT. Pp. 14-16.

Book chapter-authored:

Kairamkonda Madhusudhan, Godishala Vikram, Kagithoju Srikanth, Talari Samatha and Nanna Rama Swamy. (2013). In: Biotechnological strategies for conservation of an endangered forest tree species *Wrightia tinctoria* R.Br. important in toy making industry. *Environmental Biotechnology*, (eds) D.R. Khanna, A.K. Chopra, GaganMatta, Vikas Singh & Rakesh Bhutiani. Biotech books publishers, New Delhi. pp. 107-125.

List of Publications In press

1. **Kairamkonda Madhusudhan**, Godishala Vikram, Kagithoju Srikanth, Talari Samatha and Nanna Rama Swamy. Biotechnology strategies for conservation of an endangered forest tree species *Wrightia tinctoria* R.Br.- Important in toy making industry.
2. **Kairamkonda Madhusudhan**, Godishala Vikram, Peddaboina Venkataiah and N. Rama Swamy. Rapid *in vitro* clonal propagation, flowering and fruiting of *Aerva lanata* – (L) a valuable medicinal plant. (Indian Journal of Biotechnology)

International Conferences attended:

1. Participated in International Conference on “**Plant Biotechnology and Molecular Biology**” Organised by Department of Biotechnology, Kakatiya University, Warangal on 15th - 17th August 2008.
2. Participated in International Conference on “**Challenging and Emerging Dimensions in Medicinal/ Herbal Plants and their Products: A Global Perspective**” Organised by Society for Conservation and Resource Development of Medicinal Plants (SMP), New Delhi, on 26th - 28th November 2010, at Chennai Trade Centre, Chennai.
3. Participated in International Conference on “**Biotechnology: A Global Scenario**” Organised by Department of Biotechnology, Kakatiya University, Warangal on 2nd - 4th November 2010.

4. Participated in International Conference on “**Emerging Biotechnologies**” organized by Department of Biotechnology, Kakatiya University, Warangal on 28th – 30th January, 2016.

National Seminars & Conferences attended:

1. Participated in National Conference on “**Recent Advances in Plant Sciences**” (UGC-SAP-DRS Sponsored) Organised by Department of Botany, Kakatiya University, Warangal on 15th February 2007.
2. Participated in National Seminar on “**Current Trends in Plant Sciences**” Organised by Department of Botany, Govt. Degree College for Women, Karimnagar on 22nd & 23rd September 2007.
3. Participated in National Seminar on “**Current Trends in Biotechnology**” Organised by Department of Biotechnology (UGC & SERO Sponsored) Organised by Department of Biotechnology, Lal Bahadur College, Warangal on 30th November & 1st December 2007.
4. Participated in National Conference on “**Current Trends in Plant Sciences**” (UGC-SAP-DRS Sponsored) Organised by Department of Botany, Kakatiya University, Warangal on 24th & 25th March 2008.
5. Participated in National Conference on “**Frontier in Bioinformatics and Biotechnology**” (Sponsored by DBT) Organised by Department of Biotechnology, Kakatiya University, Warangal on 3rd & 4th January 2008.
6. Participated in National Seminars on “**Recent Trends in Animal Sciences**”(Sponsored by UGC) Organised by Department of Zoology, Kakatiya University, Warangal on 12th & 13th March 2009.
7. Participated in National Seminar on “**Emerging Trends in Biotechnology & Future Prospects**” Organised by Department of Biotechnology, Telangana University, Dichpally, Nizamabad on 21st March 2104.

Appreciation Certificates:

1. Letter of Appreciation during the “Workshop in Biotechnology for College Teachers” from the Department of Biotechnology, Kakatiya University, Warangal on 1st – 6th December 2006.
2. **Certificate of Appreciation** by the Vice – Chancellor of Kakatiya University, Warangal for an International conference on 4th November 2010.

Award: *Dr. Madhusudhan Kairamkonda*, Faculty & Green Belt Coordinator received award from *Shri. I.K. Reddy Garu*, Hon'ble minister for Law, Housing and Endowments departments of Telangana State, *Shri. Ilambarthi Garu* (IAS) District Collector and *Shri. Vishnu Warriar Garu* (IPS) Superintendent of Police, on the eve of Independence Day celebrations at Nirmal on 15th August 2017 for the contribution towards developing the greenery in RGUKT campus.

Faculty Development Program (FDP) :

One week Faculty Development Program from 25th March 2018 to 31st March 2018 on “ **RURAL COMMUNITY ENGAGEMENT IN RURAL TOURISM, ICT IN RURAL GOVERNANCE AND ENTERPRENEURSHIP**” at Rajiv Gandhi University Of Knowledge Technologies in collaboration with National Council of Rural Institute (NCRI), MHRD, Govt. of India.

ADDITIONAL RESPOSIBILITIES at RGUKT- basar

1. Worked as a **Admissions In charge** for the Academic years 2010-11, 2011 -12 and 2012 - 13.
2. Worked as a **Chief warden** in from 2nd June 2015 to 23rd June 2016
3. Worked as a **Mess Warden** from 21st April 2015 to 2nd June 2015
4. Worked as a **Green Belt Coordinator** from 17th May 2017 to 27th August 2019
5. Worked as a **Biology Course Coordinator** from 2013 to 2014
6. Member in various committees