

CURRICULUM VITAE

Name: Mogaraju Jagadish Kumar
Father's name: Shri Mogaraju Vedadri
Mother's name: Smt Mogaraju Eswaramma
Date of Birth: 30-August-1982



Address:

H.No-7/405 C-A,
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Career objective:

To be a part of the challenging team that strives for the better growth of the organization and which explores my potential and provides me with the opportunity to enhance my talent with an intention to be an asset to the organization.

Academic profile:

Name of the course	Subjects	Year	University/college/board.	Percentage	Class/ division
S.S.C	Science, Maths, Social, Telugu, Hindi, English	1997	Board of secondary Education, A.P, India	76.66%	First
Intermediate	Botany, Zoology, Physics, Chemistry.	1999	Board of Intermediate Education, A.P, India	65.6%	First
B.Sc	Botany, Genetics, Chemistry	2002	Kakatiya university, Warangal. A.P, India	77.44%	First
M.Sc	Biotechnology	2004	Kakatiya university, Warangal. A.P, India	77.37%	First
NET	Biotechnology	2006	ASRB/ICAR/CSIR/UGC		
M.Tech	Remote sensing and GIS	2010	DRDO-Bharathiar University, India	CGPA 5.36 (Seven point scale)	First
AMIE	Civil Engineering	2014	The Institution of Engineers, India		

Experience: 6 years

- 1. Senior Research Fellow-** National Bureau of Soil Survey & Land Use Planning, Regional Centre, Bangalore, India. **September-2014 to March 2015. (6 Months)**
- 2. Lecturer on contract-** YSR Engineering College (Yogi Vemana University), Kadapa, Andhra Pradesh, India – **(2 years). (Without service certificate)**
- 3. Lecturer & Head,** Department of Biotechnology at Priyadarshini Degree College, Khammam, Andhra Pradesh, India. (02-08-2004 to 30-06-2008)- **(4 years).**

Thesis/ Dissertations:

- 1. M.Tech** - Project on “Atmospheric measurements using Industry developed boundary layer Lidar System” at National Atmospheric Research Laboratory, ISRO, India.
- 2. M.Sc-** Project on “Tissue culture and Genetic transformation in “*solanum melongena*” at Department of Biotechnology, Kakatiya University, Warangal, India.
- 3. M.Sc-** Project on “Screening of HIV/AIDS through invitro systems” at Government Hospital (District), Khammam, India.

Publications: 10

1. Mogaraju Jagadish Kumar: Geospatial Representation of Interdecadal Temperature Variations over Parts of Andhra Pradesh, India using Geographic Information Systems. *Journal of Energy, Environment & Carbon Credits*. 06/2014; 4(2):10-13.

Link: [http://stmjournals.com/index.php?journal=JoEECC&page=article&op=view&path\[\]=4783](http://stmjournals.com/index.php?journal=JoEECC&page=article&op=view&path[]=4783)

2. Mogaraju Tanjuja¹ & Mogaraju Jagadish Kumar²: Exploring the Potential of GIS: Exploratory Spatial Data Analysis of Groundwater Quality and Quantity over Parts of YSR District, Andhra Pradesh, India. *Journal of Geotechnical Engineering*. 06/2014; 1(2):1-6.

Link: [http://www.stmjournals.com/tech/index.php?journal=JoGE&page=article&op=view&path\[\]=318](http://www.stmjournals.com/tech/index.php?journal=JoGE&page=article&op=view&path[]=318)

3. Jagadish Kumar Mogaraju¹ & Tanjuja Mogaraju²: Precipitation clusters and outliers- A GIS based case study over parts of Andhra Pradesh, India. *Acme International Journal of Multidisciplinary Research*. 03/2014; 2(3):8-15.

Link: <http://aijmr.net/documents/2.3/2302.pdf>

4. Mogaraju Jagadish Kumar: A Study on Spatio-temporal Variation in Ambient Temperatures over Parts of Andhra Pradesh, India. *Journal of Remote Sensing & GIS*. 01/2014; 5(1):1-15.

Link: [http://stmjournals.com/index.php?journal=JoRSG&page=article&op=view&path\[\]=4341](http://stmjournals.com/index.php?journal=JoRSG&page=article&op=view&path[]=4341)

5. M. Jagadish Kumar¹, V. Sunitha², M. Ramakrishna Reddy³: Determination of an optimal interpolation technique by using ordinary kriging to represent spatial distribution of groundwater quality indices at YSR district, Andhra Pradesh, India. *Advances in Agriculture, Sciences and Engineering Research*. 01/2014; 3(11):1293 - 1310.

Link: <http://ejournal.sedinst.com/index.php/agser/article/view/450>

6. Jagadish Kumar.M¹, Sunitha.V², Ramakrishna Reddy.M³: Determination of an optimal interpolation technique to represent the spatial distribution of groundwater quality at urban and peri-urban areas of Proddatur, Y.S.R district, Andhra Pradesh, India. *International Journal of Geomatics and Geosciences*. 11/2013; 4(2):417-426.

Link: www.ipublishing.co.in/jggsarticles/volfour/EIJGGS4036.pdf

7. M Jagadish Kumar¹ & M Vasudeva Rao²: Analysis of Physico Chemical Parameters in Relation to Soil Fungi of Bhadrachalam Forest, Khammam District, Andhra Pradesh, India. *International Journal of Advanced Forest Science and Management*. 05/2013; 1(1):17-24.

Link: <http://scientific.cloud-journals.com/index.php/IJAFSM/article/view/Sci-79>

8. Jagadish Kumar.M¹, Sunitha.V², Ramakrishna Reddy.M³, Jayarami Reddy.B⁴: GIS based groundwater quality mapping in central part of Proddatur town, Y.S.R Kadapa district, Andhra Pradesh, India. *International Journal of Advances in Remote Sensing and GIS*. 02/2013; 1(3):279-288.

Link: www.jrsgis.com/articlefiles/vol1issue32013/JRSGIS12024.pdf

9. Jagadish Kumar.M¹& Vasudeva Rao.M²: A study on biodiversity of soil fungi of Bhadrachalam forest, Khammam district, Andhra Pradesh, India. *International Journal of Environmental Sciences*. 11/2012; 3(3):2012.

Link: www.ipublishing.co.in/ijesarticles/twelve/articles/.../EIJES31117.pdf

10. Sunitha.V¹, Muralidhara Reddy. B², Jagadish Kumar. M³, Ramakrishna Reddy. M⁴: GIS based groundwater quality mapping in southeastern part of Anantapur District, Andhra Pradesh, India. *International Journal of Geomatics and Geosciences*. 02/2012; 2(3):805-814.

Link: www.ipublishing.co.in/jggsvol1no12010/voltwo/EIJGGS3069.pdf

Books: 03

1. Mogaraju Jagadish Kumar: GIS and Geostatistics. 02/2014; GRIN Publishing. ISBN: 978-3-65658941-9
2. Mogaraju Jagadish Kumar: VAM Fungi of Forest. Forest Soil Microbiology. 02/2014; GRIN Verlag. ISBN: 978-3-656-58894-8
3. Mogaraju Jagadish Kumar: Practical Manual for RS and GIS with Quantum GIS. 01/2014; GRIN Verlag. ISBN: 9783656578819

Appreciation:

1. Certificate of Merit conducted on Annual day of A.P. Residential junior College, Nagarjuna Sagar. India. (22-02-99)
2. Certificate of Appreciation by Vishwabharathy academy in appreciation of the excellent performance shown in the "Sir C.V.Raman council of educational awards" India. (17-03-1997)
3. Certificate of Appreciation by the International Centre for Integrated Mountain Development and the Small Earth Nepal in South and Central Asia Regional Virtual Consultation on Youth Perspectives on Rio+20 held from 9–29 May 2011

Training programmes attended:

1. ISRO sponsored training programme on "Application of Atmospheric Science & Remote Sensing in Environmental Management". DRDO BU Centre for life sciences, Bharathiar University, India. (17-05-10 to 01-06-10)
2. Applications of Geomatics techniques for snow cover monitoring, Glacier investigation and Avalanche hazard analysis .RDC, SASE-DRDO, Chandigarh, India. (06-07-09 to 10-07-09)
3. Avalanche forecasting; Field assessment and methods. HQ, SASE-DRDO, Manali. India. (22-02-10 to 26-02-10)

Participations:

1. Seminar and workshop organized by Department of Biotechnology, Kakatiya University. Warangal. India. (18-09-03 to 19-09-03)
2. National symposium on 50 years of DNA double helix, Kakatiya University, Warangal. India. (29-12-03 to 30-12-03)
3. National seminar on animal cell culture, differentiation and genetics, Kakatiya University, Warangal. India. (12-03-04 to 13-03-04)
4. U.G.C. sponsored national seminar on "Drug discovery and development-A need based interaction between academia and industry" organized by University college of pharmaceutical sciences, Warangal, India (26-03-04 to 27-03-04)
5. Workshop organized by Department of Biotechnology, SRR College, Karimnagar, India. (22-12-05)
6. International seminar on Nanostructures for Electronics and Biomedical Applications, Bharathiar University, Coimbatore, India. (09-01-2009)
7. Technical symposium titled "GIS for a sustainable Future", Coimbatore, India. (07-01-10)

Memberships:

1. Indian Water Resources Society (IWRS) –Life member
2. Indian Climate Research Network (ICRN)-Life member
3. Indian National Cartographic Association (INCA)-Life member
4. The International Association for Ecology-Life member
5. International society for Agrometeorology (INSAM)-Life member
6. International Society for Environmental Information Sciences (ISEIS)-Life member
7. International Society for Zoological Sciences (ISZS)-Life member
8. International Society of Paddy and Water Environment Engineering-Life member
9. International Association of Engineers (IAENG)-Life Member

10. Water Supply and Sanitation Collaborative Council-Life member
11. Geographic Information Knowledge Network (GIKN)-Life member
12. American society for Civil engineering (ASCE)-Affiliate member
13. Geological Society of America (GSA)-Annual member
14. International Geospatial Society (IGS)-Annual member

Personal profile:

- Fathers Name : **M.VEDADRI**
- Date of Birth : 30th AUG. 1982
- Marital Status : Unmarried
- Nationality : Indian
- Hobbies : Listening Music, Reading books, gardening
- Strength : Ability to work hard, dedication towards work and self confidence.
- Sex : Male
- Height : 5'10"
- Languages Known : English, Hindi & Telugu

Declaration

I hereby declare that the above-furnished details are true to the best of my knowledge and belief.

Place: Rajampet, INDIA

Date: 31/03/2015

yours sincerely,

Mogaraju Jagadish Kumar

M.Sc, NET, AMIE, M.Tech, M.C.A (Ind)