

Dr. VAMSHI KRISHNA REDDY . ALUGARI

Email : vamshiavkreddy@gmail.com

Mobile: + 91 - 9701121470



CAREER OBJECTIVE:

Aspiring to work and excel in a dynamic and progressive environment, which is challenging and rewarding, which gives me scope to explore my knowledge and to serve the organization to the best of my abilities and skills.

EDUCATIONAL PROFILE:

- **PhD** in **Environmental Science & Technology** from **JNT University Hyderabad** and awarded in January 2013.
- **M.Tech.** in **Environmental Management** with 83% from **JNT University Hyderabad**.
- **M.Sc** in **Environmental Science & Technology** with 70% from **JNT University Hyderabad**.
- **Post Graduate Diploma** in **Environmental Law and Policy** with “A” Grade from Centre for Environmental Law, WWF-India and **National Law University, New Delhi**.
- **B.Sc** in **Botany, Zoology, Chemistry** from New Science Degree College, Osmania University (OU), Hyderabad.
- **Intermediate** from **Siddhartha Junior College, Vikarabad, R.R Dist.**
- **S.S.C** with 79% from **Sri Vidya Vihara High School, Keshavagiri, Rajendranagar Hyd.**

TECHNICAL PROFILE:

- GIS & CAD Software : Photogrammetry (**LPS**)
ArcGIS 10.1, AutoCAD Map 2004
Arc/Info 3.5.1, 7.2.1, Arc/View 3.2a
- Image Processing : Erdas Imagine 8.6, ENVI, Geomatica
- GIS Hardware : GPS, DGPS, ETS
- Operating Systems : Windows /XP/Vista
- Packages : MS Office
- Languages : VB.Net, C++, C, DBMS, Data Structures.
- Ground Truth Analysis : Spectral Radiometer Operation

STRENGTHS:

- ✓ Team Player, with confidence and capability to handle individual responsibilities.
- ✓ A fast learner and quick in adapting to newer technologies.
- ✓ High patience level, self-confidence and hard working nature.
- ✓ Dynamic analytical and programming skills.
- ✓ Excellent problem solving skills with a strong technical background.
- ✓ Quick learner and excellent team player, ability to meet the deadlines in stipulated period.

AREA OF INTEREST:

- Environment Management
- Environmental Impact Assessment (EIA)
- Solid & Hazardous waste disposal and management
- Soil, Water & Waste water Treatment and Technologies
- Geomatics applications to Environment
- Remote Sensing, GIS
- GPS, DGPS & ETS field survey
- Watershed Management
- Ecology and Ecosystems
- Natural Resources Management

AWARDS / MEMBER OF STATUTORY / TRAINING PROGRAMMES CONDUCTED:**AWARDS:**

1. **“BEST WATER CONSERVATOR AWARD – 2018”** in Asia’s Largest Youth Meet on Safe Water for Future, 20th – 21st March, 2018 by Lee Shreyus Foundation in Association with CMR Institute of Technology, Hyderabad.
2. **“INTERNATIONAL YOUTH WORKER AWARD - 2017”** for the tremendous work rendered in the field of youth empowerment, community development, health and environmental issues. As part of International Youth Exchange between India & Sri Lanka at Hyderabad by Lee Shreyus Foundation at MANU University on 5th Dec, 2017.
3. **“PRAKRUTHI RAKSHAK AWARD – 2015”** from **Green Warriors** in the field of **Environment and Eco - Promoter** on 14th November, 2015 at Hyderabad Central University.
4. **BEST RESEARCH PAPER PRESENTATION AWARD - 2014** in International Conference on Environment and Energy (ICEE-2014) held on 15th – 17th December, 2014 at Jawaharlal Nehru Technological University Hyderabad.
5. **ASIA PACIFIC Who’s Who (Vol. XVI) :** Personal Biodata included in ASIA PACIFIC Who’s Who (Vol. XVI) in the month of Decemeber 2017 by RIFACIMENTO INTERNATIONAL, New Delhi, India.

TRAINING PROGRAMMES CONDUCTED:

- 1. CO-COORDINATOR – 2018** for Three Day Workshop on INDUSTRIAL WASTE MANAGEMENT (IWM) Under TEQIP-III, IST, JNTUH was organized in collaboration with Dayalbagh Educational Institute (Deemed to be University) Dayalbagh, Agra, India and Centre for Environment, Institute Of Science And Technology, Jawaharlal Nehru Technological University Hyderabad, Telangana, from 08.08.2018 – 10.08.2018. Conducted at Centre for Environment, IST, JNTUH.
- 2. CO-CONVENOR – 2018** for National workshop on “ENVIRONMENT, HEALTH AND SAFETY’ (EHS)” Under TEQIP-III, IST, JNTUH was Jointly organized by Centre For Environment, Institute Of Science And Technology, Jawaharlal Nehru Technological University Hyderabad, Telangana, India & Indian Institution of Plant Engineers, Hyderabad on 30th April – 02nd May 2018.
- 3. COORDINATOR – 2018** for “ONE DAY SEMINAR ON GEOSPATIAL TECHNOLOGY IN SURVEYING & MAPPING “ on the occasion of National Survey Day -2018 Under TEQIP-III, IST, JNTUH was Jointly organized by Centre For Environment, Institute Of Science And Technology, Jawaharlal Nehru Technological University Hyderabad, Telangana, India & GeoMAP Society & GIS India, Hyderabad on Tuesday 10th April, 2018.
- 4. CO-COORDINATOR – 2016** for 3 week Training Programme on “ GEOSPATIAL APPLICATIONS FOR ENVIRONMENTAL MANAGEMENT” to In-service Teaching Faculty of Universities and Engineering Colleges from 8th Dec – 29th Dec 2016, at Centre for Environment, IST, JNTUH, Hyderabad. Sponsored by NRDMS, Department of Science and Technology, Govt. of India, New Delhi.
- 5. COORDINATOR – 2016** JNTUH Institute of Science & Technology “NATIONAL LEVEL SPORTS & TECHNICAL FEST – 2016” on the Eve of Silver Jubilee Celebrations, during April 14th – 22nd, 2016.

GUEST LECTURES DELIVERED:

1. Delivered a **KEY NOTE LECTURE** on Youth Role in Safe Water Practices during 20th & 21st March, 2017 in National Level Youth Meet on SAFE WATER FOR FUTURE organized by Green Warriors and NSS Unit, Malla Reddy Engineering College (Autonomous), Hyderabad.
2. Delivered a **GUEST LECTURE** on Geospatial Technology for Sustainable Environmental Management in Three Day Workshop on ENVIRONMENT & SUSTAINABLE TECHNOLOGIES DURING 14TH to 16th December, 2017 organized by Department of Civil Engineering and Chemistry, Aurora’s Technological and Research Institute in association with Lee Shreyus Foundation Hyderabad.
3. Delivered a **GUEST LECTURE** as a Resourse Person for the “UNIVERSITY LEVEL ENVIRONMENTAL LEADERSHIP TRAINING PROGRAMME” by NSS Cell, JNTUH from 28th – 30th October, 2017 at CMR Institute of Technology, Hyderabad.

EDITORIAL BOARD MEMBER in Inter National / National Journals :

- 1. MEMBER Editorial Board/Reviewer in International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT).** UGC Approved Journal No. 64718. Scientific impact factor 4.032
- 2. MEMBER Editorial Board in International Journal of Environmental Research and**

Development (IJERD), Research India Publications.

3. **MEMBER Editorial Board in International Journal of Health Safety and Environment (IJHSE)**
 4. **MEMBER Editorial Board in International Journal of Emerging Technology and Advanced Engineering (IJETAE)**
 5. **MEMBER Editorial Board in International Journal of Creative Research Thoughts (IJCRT)**
 6. **MEMBER, International Journal of Emerging Technology and Innovative Research (IJETIR)**
- **MEMEBR, BOARD OF STUDIES for M.Tech. (Environmental Management) Choice Based Credit System (CBCS, R-17) - at Centre for Environment, Institute of Science & Technology, Jawaharlal Nehru Technological University Hyderabad.**

MEMBERSHIP IN PROFESSIONAL BODIES:

1. **MEMBER, International Association of Engineers (IAENG).**
2. **MEMBER, World Academy of Science, Engineering and Technology (WASET)**
3. **MEMBER, International Society for Research and Development (ISRDR), London, United Kingdom.**
4. **MEMBER, International Society for Environmental Information Sciences (ISEIS) Canada.**
5. **MEMBER, Indian Science Congress Association (ISCA) India.**
6. **MEMBER, Survey and Mapping Association (SAMA) India.**
7. **MEMBER, World Environmental Organization (WEO) Washington DC.**
8. **MEMBER, Chemical, Biological and Environmental Engineering Society (CBEES) Hong Kong.**

BOOK PUBLISHED:

1. **Environmental Impact Assessment using Geomatics and In-situ Methods – An Initiative Towards Sustainable Development. LAP LAMBERT Academic Publishing, March 2018, ISBN: 978-613-8-38709-1.**

EXPERIENCE AND DESCRIPTION OF WORK DONE:

- Working as a **LECTURER** in **Centre for Environment, Institute of Science & Technology, JNT University Hyderabad** from 2010 to till date (**8 Years**).
- Worked as a **Junior Research Fellow (JRF)** from October 2006 to October 2010 in the project entitled “**Development of GIS based information system for village level planning – A case study of Prakasam district,**” Andhra Pradesh, India., Sponsored by Department of Science and Technology, New Delhi

- Worked as a **Project Associate** from July 2006-September 2006, in the project entitled “**Development of Integrated Irrigation Information Systems (IIS) for a part of Nagarjunasagar Command Area, Andhra Pradesh using Remote Sensing, GIS, GPS and field studies,**” Sponsored by Ministry of Water Resources, Govt. of India.
- Worked as a **Project Associate** from April 2006-June 2006, in **Developing cadastral maps (digitization, texturing, topology succession, Edge matching) contour generation and digital elevation model (DEM), for HNSS (Package 35) Reservoir.**, Sponsored by RMN & GVR Joint ventures Engineers and Contractors, Hyderabad, Andhra Pradesh, India. Using Auto CAD and Arc info software’s.
- Worked as a **Project Assistant** from January 2006-March 2006, in **Development of 1meter contour for HNSS Ayacut area (Package 34).**, Sponsored by Reddy Veeranna Constructions Private, Bangalore, Karnataka, India
- Worked as a **Project Assistant** from October 2005- December 2005, with **Image processing for LU/LC map generation for the entire mandals of Prakasam district covering under Addanki branch canal** using ERDAS and Arc info software and preparation of final layout using the Arc view software.
- Worked as a **Field Assistant / Analyst** from May 2005-July 2005, in the project entitled “**Damage assessment and mapping of Tsunami affected areas of coastal districts of Andhra Pradesh using GIS and GPS**”.under Andhra Pradesh state remote sensing Application center, HYD.
- Worked as a **Project Assistant** from February 2005-May 2005, in the project entitled “**Creation of Maripeda Mandal Information System**”, Sponsored by DRDA, VELUGU Project, Government of Andhra Pradesh, Warangal.
- Worked as an **Analyst** from July 2005-September 2005, in the “**Estimation of water quality index and analysis of various water & soil samples of Tsunami affected areas of coastal districts of Andhra Pradesh.**” Under JNTU, HYD.

ENVIRONMENTAL PARAMETERS ANALYZING SKILLS:

Environmental Pollution Status of Water and Soil pertaining to the Biological and Physico-chemical parameters like Hardness, Chlorides, Sulphates, Nitrates, Fluorides, Total phosphates, BOD, COD, MPN test, etc...

Air Pollution Monitoring: NO_x, SO_x, Particulate Matter etc...

ACADEMIC PROJECTS PROFILE:

Ph.D Topic : "Development of Decadal Land use / Land cover Change dynamics and Impacts using Geospatial Technologies in a RAMSAR site: Kolleru Lake, India”

M.Tech Project: Environmental Impact Studies of Pharmaceutical Industry on Water and Soil Quality using Geospatial Technologies and *in-situ* Methods – A case study

M.Sc Project : Water and Soil Quality Modelling using GIS – A Case study of Marripeda Mandal, Warangal (Dist), Andhra Pradesh.

❖ **ACTIVITIES DURING ACADEMIC YEARS:**

1. Training Programs attended: 11

- Five Day Training Program on “**Geospatial Inputs for Enabling Master Plan Formulation under AMRUT Sub-Scheme**” (Off Campus Outreach Program) during 23rd – 27th July, 2018 conducted by Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Government of India.
- One day Training Program on “**QUANTUM GIS**” on 27th August, 2018 at Centre for Spatial Information Technology, IST, JNTUH, organized by CWR & CSIT, IST, JNTU Hyderabad.
- Three Day Training Program on “**Global Navigation Satellite System**” during 1st-3rd, August, 2018 at Centre for spatial Information Technology, IST, JNTUH Funded by TEQIP-III, IST organized by CSIT, IST, JNTU Hyderabad.
- Two Day REFERESHER COURSE on “**Operation, Maintainance & Calibration of Instruments for Monitoring Air Pollution and Air Quality** “ during 8th – 9th September, 2017. Jointly organized by Centre for Environment, IST, JNTU Hyderabad & **Envirotech Instruments Pvt. Ltd., New Delhi.** At JNTU Hyderabad.
- ONE WEEK Training Programme on “**Air Quality Management: Quality Assurance and Data Analysis**” from 5th to 9th Dec, 2016 at JNTUH College of Engineering Hyderabad under **Global Initiative of Academic Networks (GIAN)**, Sponsored by **MHRD, Govt. of India.**
- ONE WEEK Training Programme on “**Suatainability and Engineering**” 13th to 17th Dec, 2016 at JNTUH College of Engineering Hyderabad under **Global Initiative of Academic Networks (GIAN)**, Sponsored by **MHRD, Govt. of India.**
- ONE WEEK Training Programme on “**Air Quality Measurements**” from 21st to 25th Nov,2016 at JNTUH College of Engineering Hyderabad under **Global Initiative of Academic Networks (GIAN)**, Sponsored by **MHRD, Govt. of India.**
- ONE WEEK Training Programme on “**Numerical Modeling of Air Pollution through State-of-the-Art Modeling Systems**” from 28th Nov-2nd Dec, 2016 at JNTUH College of Engineering Hyderabad under **Global Initiative of Academic Networks (GIAN)**, Sponsored by **MHRD, Govt. of India.**
- One Day **Orientation Program** on **Environmental Science** for University and college Teachers of Telangana state on 23rd February, 2016 organized by **Telangana State Council of Higher Education & Council for Green Revolution** at JN Architecture and Fine Arts University, Hyderabad
- Three day **Training program** on “**Ethics in Governance**” conducted by Dr. MCR HRD Institute of A.P., Hyderabad during June 25th – 27th 2014.

- **THREE WEEKS summer Training Program on “Geospatial Technologies and Applications”** Sponsored by NRDMS, DST, Govt. of India during June 18th – 7th July 2012 at Centre for Environment, IST, JNT University Hyderabad.

2. Inter National Conferences attended: 10

- **GWF-2018** (Geospatial World Forum) held from 17th – 19th January 2018 at HICC, Hyderabad.
- **ICEM-2017** (International conference on Environmental Management) held in Nov-27th – 30th, 2017 by Centre for Environment, Institute of Science and Technology, JNTUH, kukatpally, Hyderabad.
- **ICBT-2017** (International Conference on Biotechnology & Bioengineering – Trends) held March 23rd -25th, 2017 under TEQIP- II, Jointly organized by Centre for Biotechnology & Sreenidhi Institute of Science & Technology, Hyderabad.
- **TSCST-NICE 2016** (International conference on Trend Setting Innovations in Chemical Sciences & Technology – Nature Inspired Chemistry & Engineering) held 4th – 6th October, 2016 by Centre for Chemical Science & Technology (CCST), IST JNTUH Kukatpally, Hyderabad.
- **TSCST-API 2015** (International Conference on Trend Setting Innovations in Chemical Sciences & Technology – Applications in Pharma Industry), held in 16th - 18th December, 2015 Under TEQIP-II, by Centre for Chemical Science & Technology (CCST), IST JNTUH Kukatpally, Hyderabad.
- **ICEE-2014** (International Conference on Environment and Energy), held in December 15th – 17th 2014, by JNTUH, kukatpally, Hyderabad.
- **ICHWAM-2014** (International Conference on Hydrology and Watershed Management with a focal theme on Ecosystem Resilience – Rural and Urban Water Requirements) held in October 29th – 1st November 2014, by CWR, IST, JNTUHyderabad.
- **ICEM-2010** (International conference on Environmental Management) held in Oct-2010 by JNTUH, kukatpally, Hyderabad.
- **ICORE-2006** (International congress on renewable energy) held in the Feb 11th to 13th 2006 by SESI Ap chapter, Jubliehills, Hyd.
- **ICEM-2005** (International conference on Environmental Management) held in Oct-2005 by JNTU, kukatpally, Hyderabad.

3. National Conferences / Seminars attended: 9

- One Day National Conference on Remote Sensing Applications – 2018 (NCRSA-2018) held on 24th April, 2018 at Department of Civil Engineering, JNTUH College of Engineering Hyderabad, JNTUH, Telangana.
- **Telangana Environment Congress – 2018** held on 22nd & 23rd March, 2018 at NI-MSME Yousufguda, Hyderabad by Centre for Environment and Development, Hyderabad.
- **NRSC User Interaction Meet – 2018** held from 17th – 19th January 2018 at NOVOTEL, Hitex International Convention Centre (HICC), Hyderabad.

- National Seminar on Advances in Water and Waste Water Treatment on 27th June 2016, CEN, IST, JNTUH, Hyderabad in Association with Prof. N.Someshwara Rao Memorial Research and Educational Trust.
- One Day National Seminar on Geospatial Technologies on Environmental Planning and Management (GIS DAY 2015) on 21st November,2015. at CEN, IST, JNTUH Hyderabad in Association with Indian Society of Geomatics – Hyderabad Chapter.
- National Seminar on Water Quality (NSWQ) on 15 – 16 July 2011, JNTUH, Kukatpally, Hyd.
- National Seminar on “LAKE KOLLERU - The wetland ecosystem: conflict between development and environment, Feb 2-3, 2011. Krishna University, Krishna Dist, Andhra Pradesh.
- Two Day National Level Discussion Meet on Green Building and Environmental Issues held on 19th and 20th December 2008, Organized by TIFAC-CORE in Environmental Geomatics, IST, JNTUH, Kukatpally, Hyderabad.
- National conference on environmental management on 16th-18th Nov 2006, JNTU, Kukatpally.Hyd.

4. Workshops attended: 11

- One Day National Workshop on “Disaster Management” on 28th September, 2018, at Department of Civil Engineering, JNTUH- College of Engineering Hyderabad. Sponsored by TEQIP-III, JNTUH.
- One Day Workshop on National Programme on Technology Enhanced Learning (NPTEL) on 24th August, 2018 at UGC Auditorium, JNTUH, Hyderabad. Jointly conducted by Institute of Science & Technology, JNTUH, Hyderabad and NPTEL, IIT Madras.
- One Day Workshop on “Alternative Energy Options for MSMEs” on 6th June, 2018 at National Institute of Micro, Small and Medium Enterprises (ni-msme), Hyderabad. on the occasion of World Environment Day. Sponsored by TSIIC & SBI.
- One Day Workshop on “Emerging Trends in Patents and IPR & Future Implications” on 24th April, 2018 at Centre for Biotechnology, IST, JNTUH, sponsored by TEQIP-III, IST, JNTUH.
- One day Workshop on “E-waste Management Practices” on 15th arch, 2018 at EPTRI, Hyderabad organized by EPTRI (Environmental Protection Training Research Institute), Hyderabad.
- One day Workshop on “GREEN BUILDINGS” in 3rd International conference on Environmental Management during Nov-27th – 30th , 2017 by Centre for Environment, Institute of Science and Technology, JNTUH, kukatpally, Hyderabad.
- State level youth workshop on CONSERVATION OF BIODIVERSITY organized by Telangana state Biodiversity Board and IST, JNTUH at JNTUH, Hyderabad on 19th April, 2016

- National Workshop on “RECENT ADVANCES IN SCIENCE & TECHNOLOGY” held on 5th March 2014, by IST, JNTUHyderabad, Sponcered by TEQIP – II
- Two Day National Workshop on “BIO-FUELS FROM WASTE” held on 5th – 6th August 2014by CBT, IST, JNTUHyderabad, Sponcered by TEQIP – II
- One Day Workshop on “RIVER SAND MINING MANAGEMENT AND ENVIRONMENTAL IMPACT ASSESSM,ENT (EIA)” held on 22nd February, 2013 by CEN, IST, JNTUHyderabad, Sponcered by APMDC, Govt. of A.P.
- “Environmentally sustainable water resources management methodologies” held during 3-4 July 2006, sponsored by technical education improvement programme, IST, JNTU, HYD.
- Women scientists scheme – A (WOS-A) the 1st group monitoring workshop cum 2nd meeting of subject expert committee (SEC) on engineering sciences, organized by IST, JNTU, HYD.
- International workshop on “WEATHER MODIFICATION AND CLOUD SEEDING TECHNOLOGIES FOR RAIN WATER ENHANCEMENT”-2005, organized by IST, JNTU, HYD.

5. Active part in: 5

- Participated in “Two Weeks Short-Term Training Program on Geospatial Technologies” during 12th-24th February 2007. Organized by IST, JNT University, Hyderabad. Sponsored by NRDMS, Department of Science & Technology, Govt of India, New Delhi.
- Five day training program on “Environmental Education and Awareness (EEA) For School Teachers” during 16th-20th October 2006, Sponsored by TEQIP, IST, JNT University, Hyderabad.
- Two Week Training Course on Geomatics Engineering (Remote Sensing, GIS and GPS) to In-service Teaching Faculty of Polytechnic Colleges. (9th to 23rd October 2006) Sponsored by TEQIP, IST, JNT University, Hyderabad.
- Three day training program on computer and internet usage for house wive’s under community services, organized by IST, JNTU, Kukatpally, HYD.
- One day seminar on The Tsunami Disaster, Organized by Centre for Environment, IST, Jawaharlal Nehru Technological University, Hyderabad on January 25th 2005.

PUBLISHED RESEARCH PAPERS: 24

International / National Journals:

1. Application of Bacillus SP in Aquaculture Waste Water Treatment K.Venkateshwar Reddy, **A.Vamshi Krishna Reddy**, B.Suresh Babu, T.Vijaya Lakshmi (**International Journal of Scientific Research in Science and Technology** Vol. 4, Issue 5/ 4340) April 2018. UGC Approved Journal No.64011.

2. Geomatics for Land Use / Land Cover and Water Quality changes **A.Vamshi Krishna Reddy**, K.Venkateshwar Reddy, P.Krishna Murthy (**International Journal of Scientific Research in Science and Technology** Vol. 4, Issue 2/ 2646) February 2018. UGC Approved Journal No.64011.
3. Decadal Spatio-temporal change studies and its impacts using geospatial technologies in a fresh water wetland of Kolleru Lake. **A.Vamshi Krishna Reddy** and Dr.M.Anji Reddy (**International Journal of Environment and Development**, Vol 7, P.no2) 2010. (ISSN: 0973-3574)
4. Isolation, Screening, Identification and Optimized Production of Extracellular Cellulase from *Bacillus subtilis Sub.sps* using Cellulosic Waste as Carbon, K.Venkateshwar Reddy, T.Vijaya Lakshmi, **A.Vamshi Krishna Reddy**, V.Hima Bindu, M.Lakshmi Narasu in **International Journal of Current Microbiology and Applied Sciences** (IJCMAS-2016), ISBN: 2319-7706, Vol 5 P.no. 442-451
5. Impact of Pulp and Paper Mill Effluents on soil enzyme activities, K.Venkateshwar Reddy, T.Vijaya Lakshmi, **A.Vamshi Krishna Reddy**, M.Nagaraju in **Journal of Chemical and Pharmaceutical Research** (JOCPR-2016), ISBN: 0975-7384, Vol.8 (5), P.no. 445-449
6. Influence of Industrial waste on soil microbial activity, **A.Vamshi Krishna Reddy**, K.Venkateshwar Reddy, T.Vijaya Lakshmi, Maruthi Rao in **International Journal of Discovery** ISSN: 2278 – 5469, EISSN: 2278-5450. 2016, 52(246), P.no. 1555- 1562.
7. Living Environment – City Beautification – A Case study on “ City of Lakes-Hyderabad” **A.Vamshi Krishna Reddy**, K.Janardhan Reddy, K.Venkateshwar Reddy, T.Vijaya Lakshmi, in **International Journal of Discovery** ISSN: 2278 – 5469, EISSN: 2278-5450. 2016, 52(246), P.no.1590 – 1596.

International / National Conferences:

8. Remote Sensing Applications to Assessment of Aqua-culture effect on Kolleru Lake, India. **A.Vamshi Krishna Reddy** and Dr.M.Anji Reddy (II International conference on Environmental Management, Vol I, P.no: 307-312), Oct-2010. (ISBN : 978-81-7800-252-1)
9. Importance of Ecological Disturbance Studies of Lake Kolleru using Remote Sensing and GIS. **A.Vamshi Krishna Reddy** and Dr.M.Anji Reddy (II international conference on Environment Management, Vol I, P.no: 535-541), Oct-2010. (ISBN : 978-81-7800-252-1)
10. Environmental Monitoring of Spatio-temporal Changes using Remote Sensing and GIS in a Fresh water wetland of Kolleru Lake. **A.Vamshi Krishna Reddy** and Dr.M.Anji Reddy and Dr.T.Vijaya Lakshmi (National Seminar on “LAKE KOLLERU - The wetland ecosystem: conflict between development and environment, P.no 40-46), Feb 2-3, 2011.
11. Development of Land and water Resource action plan using RS and GIS: a case study of part of Nagarjunasagar command area, Prakasham District, Andhra Pradesh, **A.Vamshi Krishna Reddy**, K.Santosh Kumar, V.Hema sailaja, Dr.M.Anji Reddy. II International conference on Environmental Management (**ICEM-2010**), Vol-I, P.no: 32-47), oct-2010. (ISBN : 978-81-7800-252-1)

12. Water Quality Modeling using GIS – A case study of Marripeda mandal, Warangal district, A.P. **A.Vamshi Krishna Reddy**, Ganta Rajani, Elander Reddy and Dr.M.Anji Reddy. National conference on Environmental Management (**NCEM-2006**) P.no.11 – 12, Nov. 16 -18, 2006.
13. Generation of Land use / Land cover resource information through Geospatial analysis. Ganta Rajani, **A.Vamshi Krishna Reddy** and M.Anji Reddy. National conference on Environmental Management (**NCEM-2006**) P.no.32, Nov. 16 -18, 2006.
14. Effect of Tsunami Disaster on ground water quality – A case study of Chirala and Vetapalem mandals of Prakasam district, A.P. Elander Reddy, **A.Vamshi Krishna Reddy**, Ganta Rajani, C.Jyotsna and Dr.M.Anji Reddy. National conference on Environmental Management (**NCEM-2006**) P.no.53 - 54) Nov. 16 -18, 2006.
15. Geospatial Technologies for land and water resource action plan in Guntur district, AP., India. **Dr.A.Vamshi Krishna Reddy** , Dr.Umadevi Randhi , V.Hema Sailaja , Dr.M.Anji Reddy, in International Conference on Hydrology and Watershed Management 2014
16. Measurement and Mapping of Air Pollutants Using Geospatial Technologies – A Case Study From Hyderabad City, India. **Dr.A.Vamshi Krishna Reddy** , Dr.Umadevi Randhi , V.Hema Sailaja , K.Venkateshwar Reddy, Dr.M.Anji Reddy. International Conference on Environment and Energy (ICEE-2014), ISBN: 978-93-81212-96-7 P.no 202, December 15th – 17th 2014.
17. Isolation, Screening, Identification and Optimized production of Extracellular Cellulase from *Bacillus Subtilis Sub.sps* using Cellulosic Waste as Carbon Source., K.Venkateshwar Reddy, T. Vijaya Lakshmi, **Dr.A.Vamshi Krishna Reddy** , V.Hima Bindu, M.Lakshmi Narasu. International Conference on Environment and Energy (ICEE-2014), ISBN: 978-93-81212-96-7 P.no 181-182, December 15th – 17th 2014.
18. Estimation of land use / land cover impacts on water quality using Geospatial Technologies and *in-situ* Methods – A Case Study, **A.Vamshi Krishna Reddy**, K.Venkateshwar Reddy, Dr.M.Anji Reddy in International Conference on Trend Setting Innovations in Chemical Sciences & Technology – Applications in Pharma Industry, TSCST-API 2015, Under Teqip-II, ISBN: 978-83-82829-48-5, P.no. 38-41.
19. Solid Waste Management in Hyderabad City Using Geospatial Technologies and MIS, **A.Vamshi Krishna Reddy**, K.Venkateshwar Reddy, T.Vijaya Lakshmi, Dr.M.Anji Reddy in International conference on Trend Setting Innovations in Chemical Sciences & Technology – Nature Inspired Chemistry & Engineering (TSCST-NICE, 2016) P.No. 95. (ISBN : 978-93-82829-14-0)
20. Pollution Impact Assessment Studies of River Musi downstream area in Hyderabad, **A.Vamshi Krishna Reddy**, P.Krishna Murthy, T.Vijaya Lakshmi, Dr.M.Anji Reddy in International conference on Trend Setting Innovations in Chemical Sciences & Technology – Nature Inspired Chemistry & Engineering (TSCST-NICE, 2016) P.No. 96. (ISBN : 978-93-82829-14-0)
21. Estimation of Water Quality using Physico-chemical and Microbiological Parameters in a Village of Vikarabad Mandal, Telangana State. **A.Vamshi Krishna Reddy**, K.Venkateshwar Reddy, T.Vijaya Lakshmi, Dr.M.Anji Reddy in International conference on Biotechnology & BioEngineering – Trends (ICBT-2017) **23rd – 25th** , **March, 2017**, P.No. 641 -646 (ISBN : 978-93-85518-10-2)

22. Determination of Lake water Quality using Physico-Chemical Analysis **A.Vamshi Krishna Reddy**, P.Krishna Murthy, K.Venkateshwar Reddy, P.Praveen Kumar, in International conference on Biotechnology & BioEngineering – Trends (ICBT-2017), during 23rd – 25th, March, 2017, P.No.681-686 (ISBN : 978-93-85518-10-2)
23. Estimation of Forest Fire Risk Zonation Using Geomatics in Mancherial Division. **A.Vamshi Krishna Reddy***, Sheelam Suresh, Dr.M.Anji Reddy in 3rd International conference on Environmental Management (ICEM-2017), P.No.795 – 805. (ISBN : 978-93-86819-50-5)
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PERSONAL SKILLS:

Comprehensive problem solving abilities, excellent verbal and written communication skills, ability to deal with people diplomatically, willingness to learn, team facilitator and hard worker.

PERSONAL PROFILE:

Name : Alugari. Vamshi Krishna Reddy
Date of Birth : 3rd August 1983
Father's Name : A.RangaReddy
Gender : Male
Nationality : Indian
Languages known : English, Telugu, Hindi

Permanent address : Dr. A.Vamshi Krishna Reddy
S/o A.Ranga Reddy,
H.No:5-24-749/2a – 2d, C/o. Sri Balaji School,
Chandragiri nagar, G.Ramaram.Road,
Shapur nagar, Quthbullapur(M),
R.R (Dt.), Hyderabad, Telangana State. 500 055
Ph.No: +91- 7386388634, 9701121470
Email : vamshiavkreddy@gmail.com

Office Address: Dr.A.Vamshi Krishna Reddy
Lecturer,
Centre for Environment,
Institute of Science & Technology, Opp. SBI,
Jawaharlal Nehru Technological University Hyderabad,
Hyderabad,Telangana – 500 085.
Ph.No: +91- 7386388634, 9701121470
Email : vamshiavkreddy@gmail.com

I here certify that the above mentioned details are correct and complete to the best of my knowledge and belief.

DATE:

PLACE: Hyderabad

(Vamshi Krishna Reddy.A)