

Dr. VENKATESWARLU MUSINI

Personal Information

Designation: Professor

Qualification: M. sc., M.sc Tech., Ph. D (OU).

Experience: 8 Years (Teaching), 5Years (Research), 1 Year (Industry)

Specialization: Environmental Geochemistry, Hydrogeology

Date of Joining: 8-8-2011

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BIBLIOGRAPHICAL DETAILS OF PAPERS:

- 1) **M.Venkateshwarlu**, U.V.B.Reddy, Ramana Kumar and Ravi Kumar (2011) *Hydrogeochemistry of of ground water in and around Miryalguda area, Nalgonda Dist., A.P. India*. International Journal Earth Science and Engineering. Vol No. 4 No. 2 pg. 261-267
- 2) **M.Venkateshwarlu**, U.V.B.Reddy, Ramana Kumar and Ravi Kumar (2010) *Fluoride distribution and major ions of ground water in and around Miryalguda area, Nalgonda Dist., A.P. India*. Bulle. Chem. Sci. Vol.III Issue I,. 41-45.
- 3) **M.Venkateshwarlu**, U.V.B.Reddy, Ramana Kumar and Ravi Kumar (2010) *Estimation of trace elements concentration in groundwater of Miryalguda area, Nalgonda Dist., A.P. India*. International Journal of Bioscience Guardian Vol.No.1, No. 1, Dec.2010 Pg. 93-97.
- 4) **M.Venkateshwarlu**, U.V.B.Reddy, Ramana Kumar and Ravi Kumar (2010) *Geochemistry of trace elements concentration in ground water of Miryalguda area, Nalgonda Dist., A.P.* International Journal of Pollution Research (Communicated).
- 5) **M.Venkateshwarlu**, U.V.B.Reddy, Ramana Kumar and Ravi Kumar (2010) *Geochemistry of trace elements concentration in groundwater of Miryalguda area,.* Journal of Spatial Science Vol-3, No.1, 2009, 15-20.
- 6) **M.Venkateshwarlu**, U.V.B.Reddy, (2010) *Geochemistry of Groundwater quality in and around Miryalguda area, NalgondaDist.,Nature Environment and pollution Technology* (Accepted).

- 7) **M.Venkateshwarlu,** M.A.Rasheed, U.V.B.Reddy and A.kiran Kumar(2014).”Assessment of groundwater quality in and around Miryalaguda area, Nalgonda District of Andhra Pradesh”. International Journal of Plant, Animal and Environmental sciences”.Published in the April-june-2014 volume-4,issue-2 Pg. 259-266.
- 8) **M.Venkateshwarlu,** U.V.B.Reddy and A.Kiran Kumar ‘geochemical studies of groundwater in and around Miryalaguda area, Nalgonda district.A.P”. Journal of Applied Geochemistry (ISAG). Vol. 16, April, 2014 No. 2, Pg. 161.
- 9) **M. Venkateshwarlu,** “ A Case study on Assessment of Groundwater Quality Parameters in and around Lambapur area Nalgonda District Telangana”. International Journal of Innovative science Engineering and Technology, Volume No 2, Issue 4, April 2015.
- 10) **M.Venkateshwarlu,** K. Raj kiran Reddy, K. Vishwagna,P. prashanthi(2015). “ A Case study using Gis- based Evaluation of watershed management medak district, telangana state, India”. International Journal of Innovative science Engineering and Technology, Volume No 2, Issue 3, April 2015. ISSN2348-7968.
- 11) **M. Venkateshwarlu,** “ Land use and Land cover Assesment along medak District, Telangan. International Journal of Advanced Scientific and Technology Research, Volume No 2, Issue 4, April 2015.

PAPERS PRESENTED IN CONFERENCES& SYMPOSIUMS:

- 1) M.Venkateshwarlu, Hydrogeochemical evaluation of ground water, musli river,Hyderabad,INDIA. Symposium on Geochemistry of Earth resources and its bearing on their development. Organized Department of applied Geochemistry, Osmania University, and Hyderabad in 2005.
- 2) M.Venkateshwarlu, lead and Nickel distribution in the ground water of musli area, Hyderabad city, Andhra Pradesh,INDIASymposia 92nd Indian Science Congress at Ahmedabad, in 2005.
- 3) M.Venkateshwarlu, Hydro geochemistry of ground water in and around Miryalguda area, Nalgonda Dist., A.P. National Seminar On Geo Dynamics and Mineral resources of Petrogenic Basins of India, Organised by Department of Geology and Geoinformatics and Earth Sciences, Yogi Vemana University, Cudapa.
- 4) M.Venkateshwarlu, Functionalisation of Carbon Nanomaterials: Potential application in drug delivery systems International conference on recent trends in Nano and Bioscience, 2010 Organized by Department of Physics P.G. College of Science,Saifabad, Osmania University, Hyderabad.

- 5) M. Venkateshwarlu Chemical Studies of Ground water in around Miryalaguda Area, Nalgondadist, AP.National Conference on recent advances in Geosciences, Engineering and Technology (NCRAGE) 20 & 21 December 2012, Dept of Civil Eng JNTU Kakinada
- 6) GIS based Groundwater Quality Mapping in Miryalguda area, Nalgonda district, A.P.National Seminar on Modern Trends in Mineral Exploration and Environmental Studies 14, 16 March 2013, Organized by Department of Geophysics Osmania University Hyderabad.
- 7) Work shop on applied geochemistry in mineral exploration on 21-22 November 2012 Organized Department of applied Geochemistry Hyderabad.
- 8) NationalWork shop on innovations in transportation engineering February 27-28, 2013, organizedby Department of Civil Engineering Mallareddy Institute ofTechnology andScience (MRITS)Dhulapally, Secunderabad.
- 9) Seminar on Spectro-Analytical TechniquesDepartment of chemistry RajaBahadurVenkataRama Reddy Womens College,Narayanaguda, Hyderabad. In seminar held on 28 February and 1st march 2013.
- 10) Short term course on Remote Sensingand GIS Application in Earth Sciences march 23-26,2013 Organized Department2013 Organized Department of Geology and Department of computer science Sri Venkateswara sensing and GIS application in earthsciences march 23-26,2013 Organized department of geology and departmentof computer scienceSri Venkateswara University Tirupati.
- 11) M.Venkateshwarlu “Multivariate analysis applied to the geochemistry of soils, mirayalguda area, nalgonda. A.p.”National seminar on “emerging trends in Geosciences”. On 14th and 15th march, 2014. Organized by Department of geology Bhavan’s New Science College, Narayanaguda Hyderabad.
- 12) M.Venkateshwarlu “Hydrogeochemistry of Groundwater in and around Mirayalaguda area, Nalgonda district. A.p. National seminar on “Advances in Geo-exploration techniques in the

search for minerals under different geological settings". At 26th-27th March 2014. Organized by Centre for Exploration Geophysics, Department of Geophysics, Osmania University.

- 13) University of Hyderabad, "Andhra Pradesh Akademi of Sciences". A.P. Sciences Congress-2011, 14-16 November, 2013.
- 14) M. Venkateshwarlu "Geochemical studies of groundwater in and around Miryalaguda area, Nalgonda district, A.P. International Symposium on Role of Earth System Sciences and Human Prosperity at Oct 23-24, 2013. Organized by Indian Society of Applied Geochemistry (ISAG) Jointly with MOES, CSIR, NMDC, SCCL, OIL, ONGC, APMDC, BALDOTA.
- 15) National Workshop on "Recent Trends in Applied Geochemistry" 31st January 2014, Organized by Department of Applied Geochemistry, Osmania University Hyderabad.
- 16) Short course on Soil Health Management Techniques in Rice and Rice Based Cropping Systems Held at Directorate of Rice Research, Rajendranagar, and Hyd. from 19-28th August 2015.
- 17) **M. Venkateshwarlu et al.**, "Hydrochemical concept of groundwater in and around Lambapur area, Nalgonda district, Telangana, India". National Seminar on Emerging Trends in Geosciences On 29th and 30th. Sponsored by DST, NMDC, NGRI. Organized by Dept of Geology, Osmania University, Hyderabad.
- 18) **M. Venkateshwarlu et al.**, "A Case Study using GIS-based evaluation of micro-watershed Nizamabad district, Telangana". National Conference on Emerging Challenges and Opportunities in Biotic and Abiotic Stress Management On 13-14 December, 2014. Organized by Directorate of Rice Research, Rajendranagar, Hyderabad.
- 19) **M. Venkateshwarlu**, R. K. Reddy, Kavya, Vishwagna, "Watershed management of Watershed using GIS" Proceeding 2nd National Conference on Recent Advances in Civil Engineering (RACE_2K15) 31 March, 2015. Organized by Dept of Civil Engineering CMR Technical Campus. ISBN-978-81-929195-3-9. pp 63-67.
- 20) **M. Venkateshwarlu**, "Identification of high fluoride in certain villages in Nalgonda district using RS & GIS." Proceeding 2nd National Conference on Recent Advances in Civil Engineering (RACE_2K15) 31 March, 2015. Organized by Dept of Civil Engineering CMR Technical Campus. ISBN-978-81-929195-3-9. pp 147.

- 21) **M.Venkateshwarlu** , Prathuysha, Mamatha,"A Case study using GIS based evaluation of microwatershed Nalgonda dist." Proceeding 2nd national conference on Recent advanced In civil engineering (RACE_2K15) 31 march, 2015 Organized by dept of civil engineering CMR Technical Campus .ISBN-978-81-929195-3-9.pp.145.
- 22) **M.venkateshwarlu**, " watershedmanagement a case study of micro watershed of waillapally area, Nalgonda district. A.P." National seminar on "Geospatial Database for Natural disaster Management and planning". Organised by UGC- Special Assistance Programme Dept of Geography , Osmania University Hyderabad.
- 23) **M.Venkateshwarlu** , National Level Work shop held on 24 th August 2013 under the Aegis of CMR Eng college. "Emerging Trends In NanoTechnology".
- 24) **M.Venkateshwarlu**, Workshop on Geotechnical& structural Eng (Practices GEOSTEP- 2013) on 25th October 2013, Organized by Department of civil Engineering. CMRCET, Medchal road, Hyderabad.
- 25) **M.Venkateshwarlu**, National workshop," On Earth Observation Technologies and Their Application-2014".Held at CMRCET, Hyderabad on 15 th to 19 th October 2015.
- 26) **M.Venkateshwarlu**, National conference on "water Proofing Technologies in Construction Industry", held at CMRCET Hyderabad, on 27th and 28th Feb, 2015. Organizing committee me member & Chairperson on the conference.
- 27) **M.Sateash yadav, M.Venkateshwarlu,B. Linda Prabhakar Babu**, "studies on a dyke rock and its evaluation as a building material at Jamilpet Ghatkesar Mandal, Rangareddy District,Telangana state. International Conference on Renewable Energy and Environmental Engineering (ICREE2014).Held at Vijayawada, Andhra Pradesh, India. ISSN 2348-0157.

□ **Achievements:**

- Second Rank in M.Sc. Applied Geo Chemistry.
- First Rank in M.Tech. Environmental Geochemistry.
- Awarded Merit Scholarships from Osmania University in the year 2000.

Special Achievement: Qualified the Joint **CSIR –UGC test for junior research fellowship and eligibility for lectureship (NET)** conducted at all India level held on **23-12-2012** in the subject **Earth, Atmospheric, ocean and Planetary Sciences** and secured a rank of **0012/0354**

- **Additional Qualifications:**

- P.G. Diploma in Geographical Cartography from Osmania University in year 2010.
- Bachelor of Education from Osmania University in year of 2001



FIELD EXPERIENCE:

A field visit has been undertaken during the M.Sc. Course on behalf of Department of Applied Geochemistry, Osmania University. During this tour, I participated in area related to sedimentary formations of Cuddapa basin and Mangampeta barite mines. Along with field experience a special training program on instrumental Techniques was held at Atomic Mineral division, Department of Energy, Hyderabad, and A.P.



TRAINING PROGRAMS:

- Training Program on Exploration and Prospecting for Uranium in field areas of GogiandeYadgiri in Bhima Basin and adjoining basement of rocks.
- Training Program on total station jointly organized by Survey of India, Indian National Cartographic Association and Geographic Department, Osmania University, Hyderabad.