

Profile of
CENTRE FOR WATER RESOURCES
 Institute of Science and Technology
JNT University, Hyderabad

1.Introduction :

The Centre for Water Resources which forms a part of the Institute of Science and Technology, JNT University, Hyderabad was established in the year 1984 with the funding from the then Ministry of Education and Culture, Government of India to impart training in management of water resources at an advanced level and to undertake research and developmental activities in the field of water and land management and other related areas. Since then the Centre has acquired a reputation among user agencies like State and Central Government Departments and other public sector and private organisations as an apex body for imparting training and undertaking field oriented research projects in water resources management. In the past decades the activities of the centre have been greatly diversified by taking up many field oriented projects and by the development of competent expertise in many areas of Water Resources Engineering at National and International levels. A list of some of the research training and consultancy projects successfully carried out by the centre is as follows:

2.Research and Infrastructure Development Projects Completed:

Sl. No.	Project title	Sponsoring Agency	Amount In Lakhs	Year	Type of Project
1.	Water Resources Management	MHRD	10.00	1983	Infrastructure Creation
2.	To develop Photo Physical Hydrology in Water Resources Management	MHRD	10.00	1987	-do-
3.	Water Resources Management	MHRD	2.00	1987	-do-
4.	Water Resources Management	MHRD	2.00	1987	-do-
5.	Water Resources Management	MHRD	5.00	1988	-do-
6.	Water Resources Management	MHRD	5.00	1990	-do-
7.	Water Resources Management	MHRD	3.00	1992	-do-
8.	Developing Excellence for Hydrological Studies	MHRD	7.5	1993	Modernisation of Labs
9.	Creation of Infrastructure facilities for advanced technological research base in integrated management of water resources in representative hard rock regions of Peninsular India	MHRD	10.00	1993	Infrastructure creation
10.	Integrated Investigations for control of Reservoir Sedimentation through remote sensing and conventional techniques - A case study of Sriramsagar Project in A.P.	AICTE	6.00	1994	R & D

11.	Artificial Recharge Sites Identification in a Typical Semi Arid Terrain of Progressively Lowering Ground Water Levels	AICTE	7.0	2002	R&D
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3.Ongoing Research and Infrastructure Development Projects:

S.No	Project Title	Sponsoring Agency	Amount in Lakhs	Year	Type of Project
1.	Sustainability of Rainwater Harvesting Structures under the ongoing WaterShed Programme	AICTE	11.0	2003	TAPTEC
2.	Evaluation of Recharge from reservoirs using stable isotopes in the catchment area of river Musi,Hyderabad	DST	6.0	2004	R&D
3.	Water Allocation in the Krishna River Basin to Improve Water Productivity in Agriculture	IWMI	15.0	2004	R&D
4.	Remote Sensing Data based soil conservation studies to control sedimentation in Sri Ramsagar Reservoir	Ministry of Water Resources	14.0	2005	R&D

4.Training Programmes Refresher Courses Completed:

- Computer information systems for effective utilisation, protection and conservation of ground water resources - A Training Programme undertaken to the Scientists of A.P.State Ground Water Department. During 1984-1985
- Hydrological Data analysis for in-service engineers from Govt. and Quasi Govt., agencies - A Training Programme undertaken for Officials of Government of A.P during 1985
- Modern methods & techniques in hydrological data processing - A Training Programme undertaken to the Scientists of A.P.State Irrigation Development Corporation and A.P.State Ground Water Department during 1985-1986
- Identification, testing & assessment of aquifers with principles of general administration - A Training Programme undertaken to A.P.State Irrigation Development Corporation during 1986-1987
- An ISTE summer school was conducted on " Modern techniques in Ground Water Modelling and Management during May 11-23, 1987

- System software for minor irrigation projects - Training and Data Computerisation Programme undertaken to Minor Irrigation, Government of Andhra Pradesh during 1988.
- Hydrological data base creation for minor irrigation (M.I) tanks & training of MI Engineers - A Data Base creation & Training Programme undertaken for State Minor Irrigation Department, Government of Andhra Pradesh during 1988-1990.
- Short term course on "Geostatistics and Stochastic Approaches" in hydrogeology was conducted during 10-15 July, 1992.
- A Refresher Course on 'Water Management' was conducted to the faculty of various Engineering colleges during 11th to 30th March, 2002.
- A Refresher course on "Natural Resources Management, Environmental & Employment" was conducted to Earth science teachers during 3rd to 15th Nov 2003.
- A Refresher course on "Water Management" was conducted during 2nd to 22nd Feb 2004.

5. Conferences, Workshops, and Seminars Conducted:

- A National workshop on "well Failures" Causes and Strategies for Effective Countering" was conducted during 6th-7th December, 1990
- Seminar on Water and Environment was conducted to celebrate the Water Resources Day of 1992
- Expert lectures on "Alamati Dam & Environmental Implications" arranged at JNT University on 1st Oct 1996.
- One day Seminar on "Geophysical Electrical Resistivity Imaging for use in Ground Water, Geo technical and Environmental Implications" is conducted on 21st Nov. 1996. The Seminar is presented by the Mas Lagmanson, Advanced Geo Sciences INC, Austin, U.S.A. Sponsored by Electrotek international, Inc, Madras, India.
- National Conference on "Engineering Trends in the Development of Sustainable Ground Water Sources" during 27th & 28th August 1997.
- Workshop on "Watershed Management - Problems and Prospects" in 1998 during August 31, 1998
- A discussion on Strategy Paper prepared by Government of Andhra Pradesh on "Strategy Paper on Irrigation Development " in 2001.
- An International Conference on "Hydrology and Watershed Management" with a focal theme on Water Quality and Conservation for Sustainable Development was Conducted during 18th to 20th December, 2002
- Workshop on "Water Resources Management, Education, Training and Employment Opportunities in the state of A.P" on Nov 9th ,2004.

6.Areas of Consultancy:

The Centre has potential to take up the consultancy in the following areas:-

- Ground Water Exploration and Management
- Water Quality Monitoring
- Integrated Watershed Management
- Remote Sensing and GIS applications in Water Resources
- Ground Water Modeling
- River Basin Management and Planning

Premier Customers: Some of our premier customers in the Consultancy who have obtained consultancy from us are:

- Andhra Pradesh Pollution Control Board
- Deccan Chromates Ltd.
- GVK Estates Ltd.
- IVRCL Infrastructures & Projects Ltd.

7.Academic Programmes:

Ph.D (WATER RESOURCES):

This programme has been offered since 1989 to enable the Scientists, Engineers in the field of Water Resources to acquire Ph.D. External registration is the novelty of this programme. The candidate can register for Ph.D. from any where in the country without disturbing to his/her job.

Eligibility Criteria

Any PostGraduate in the field of Water Resources, Hydrology, Geology, Geophysics, Meteorology, Agricultural Engineering.

Admission Procedure

Admissions are made against our advertisement through an interview based on the previous experience in the Research and Development. The merit list will be prepared for the purpose of admissions. The place of work should be recognised by the JNT University for the Research.

M.Tech (WATER AND ENVIRONMENTAL TECHNOLOGIES):

Eligibility Criteria

B.E/ B.Tech in Civil Engineering/Mechanical Engineering/Chemical Engineering/Computer Science/Agricultural Engineering or Masters Degree in Geology,Geophysics,Geography,Meteorology,Oceanography,Mathematics,Physics,Chemistry,Environmental Sciences,Hydrology and Watershed Management or their equivalent.

Admission Procedure

Admissions are made through an entrance test conducted by J N T University. There are 25 seats for which a merit list will be drawn for the each category.

Course Structure

Semester	Subject
First	WET 01 : Computer Programming WET 02 : Environmental Hydrology WET 03 : Ground Water, Pollution and Modelling WET 04 : Irrigation Management WET 05 : Ecology and Environmental Chemistry WET 06 : Elective - I WET 07 : GIS and Computer programming Lab
Second	WET 09 : Water and Waste water Treatment Technologies WET 10 : Air pollution and Control Technology WET 11 : Environmental Impact Assessment and Systems Analysis WET 12 : Solid and Hazardous Waste Management WET 13 : Channel and River Hydraulics WET 14 : Elective - II WET 15 : Water Resources Lab WET 16 : Solid Waste Lab
First Semester Electives	WET 17 : Transport of Water and Wastewater WET 18 : Hydropower Development WET 19 : Remote Sensing and GIS
Second Semester Electives	WET 20 : Ground Water Exploration and Watershed Management WET 21 : Hydraulic Structures WET 22 : Computational Fluid Mechanics
Third & Fourth	Project Work

M. Sc. (GEO-INFORMATICS AND WATERSHED MANAGEMENT.):

This course has been offered from 2002. The novelty of this course is more Techno economic in character.

Eligibility Criteria

Any Graduate of Science, Forestry, Agriculture or Engineering.

Admission Procedure

Admissions are made through an entrance test conducted by J N T University. There are 25 seats for which a separate merit list will be drawn for the each category.

Course Structure

Semester	Subject
First	GWM 01 :Mathematics GWM 02 :Geology & Geomorphology GWM 03 : Hydrometeorology GWM 04 :Photogrammetry and Remote Sensing GWM 05 : Computer Programming GWM 06 :Practicals in Geology & Photogrammetry GWM 07 :Computer <u>Practicals</u>
Second	GWM 08 : Data Base Management Systems GWM 09 : Surface Hydrology GWM 10 :GIS &GPS GWM 11 :Ground Water Hydrology GWM 12 :Watershed Management GWM 13 : Practicals in Remote Sensing , GIS&GPS GWM14: Practicals in Surface and GroundWater Hydrology
Third	GWM 15:Ground Water Exploration & Management GWM 16:Irrigation Management GWM17:RS&GISApplication in Watershed Management GWM18: Soil & Water Conservation Technology GWM19:Soil Science & Agronomy GWM20:Practicals in Ground Water Exploration GWM21 :Practicals in Water & Soil Conservation
Fourth	GWM22:Water Quality Management GWM23:Dissertation

8.Infrastructure Facilities:

The Centre for Water Resources is equipped with modern laboratories to cater to the needs of water and land management programmes. We have the following well -equipped laboratories.

1.Water Resources Simulation and Modelling Lab- Twenty four Pentiums with modern softwares such as Visual Modflow, Hydrologic Modelling Softwares, Water shed Modelling System Software etc.

2.Photo Hydrology Lab-Air Photo Interpretation Equipment, Pentiums with Remote Sensing & GIS packages such as ILWIS , SPANS, ERDAS, A4 & A0 Digitizers with color printers, A0 Scanner.

3.Geophysical and Surveying Lab - Resistivity meters, Shallow Seismic Unit, VLF Electromagnetic Equipment, Proton Precision Magnetometer, Well Logging Equipment, Infiltrimeters, Evapometers, Stream Guages, Rain Guages, Surveying equipment

4. Isotope Hydrology Lab - Liquid Scintillation Counter, Neutron Probe.

5.Water Quality Lab – Flame Photometer, UV Spectro Photometer, Ion Analyser, Atomic Absorption Spectrometer.

9.Library Facilities: -

Library facilities play a vital role in achieving the cherished objectives of improving the standards of education,stimulating academic interest among the student community and promoting research.The Library of the centre has a large collection of books,periodicals,National and International journals and other reference materials to supplement the instructional programme of the centre.The Students can avail University Library which contains a total number of 19,304 books,90 Journals both National and International and CD Roms around 500.These material will be extremely useful for pursuing the higher studies. Apart from this a departmental library containing M.Tech and Ph.D theses, Indian Journals and Important and Textbook is being maintained at the Centre.

10. Faculty in the Department with Specialisation

Name of the Faculty Member & Designation	Academic Qualifications	Specialisation
Dr. B. Venkateswara Rao Assoc.Prof. & Head	Ph. D in Water Resources	Ground Water Resources & Watershed Management
Dr.K.Ramamohan Reddy Asst.Prof. in Water Resources	Ph.D. in Water Resources	Surface Water Hydrology and Hydraulics
Smt.C.Sarala Asst.Prof. in Water Resources	M.Tech in Water Resources Engineering	Water and Waste Water Treatment Technologies
Sri.P.Srinivas Lecturer	M.E in Hydrology And Water Resources Engineering	Surface Water Hydrology, Hydraulics, Water Resources Systems Analysis
Sri N.Rajesh Junior Research Fellow	M.E in Hydrology And Water Resources Engineering	Ground Water Modelling, Water Resources Systems Analysis.
Sri M.V.S.Rajesh Junior Research Fellow	M.Tech in Water Resources Engineering	Remote Sensing &GIS applications in Water Resources, Application development and GIS customization.
Sri K.Pavan Kumar	M.Sc in Geology	Ground Water Modelling
Dr. K.Rammohan Rao	Ph.D in Mathematics	Finite Element Methods

11. List Of Publications by the Faculty:

List of Publications by Dr.B.Venkateswara Rao

(11 - Refereed Journals, 19 – International Conferences, 14 – National Conferences)

1. Venkateswara Rao,B. and Briz Kishore, B.H., 1990. “Influence of Topography over Yields of Borewells in a Typical Khondalitic Terrain”, Procs. of the Seminar on Ground Water Management held in Hyderabad, Organised by the GroundwaterDept., Govt. of A.P., India, pp. 43-50.
2. Venkateswara Rao, B. and Murali.G., 1990. “ Well Failures and Remedial Measures in Khondalitic Terrain”, Procs. of the National Workshop on Well Failures Causes and Strategies for Effective Countering Organised by SEWAR, JNT University, Hyderabad pp. 125-126.
3. Murali, G. and Venkateswara Rao, B.,1990. “ Citing of Water Wells in Hard Rock areas of Tadipatri Shales, Anantapur Dist., A.P.” Procs. of National Workshop on Well failures-causes & Strategies for Effective Countering Organized by SEWAR, JNT University, Hyderabad, pp. 331-340
4. Venkateswara Rao, B. and Briz Kishore B.H., 1991. “A Methodology for Locating Potential Aquifer in a Typical Semi-Arid Region of India Using Resistivity and Hydrogeological Parameters”, Geo-exploration, Vol.27 Nos. ½ pp. 55-64.
5. Venkateswara Rao, B., 1991. “Influence of High Resistive Top Layer Over Interpreted Depths in Resistivity Sounding Curves” Procs. of the First International Seminar and Exhibition on Exploration Geophysics in Nineteen Nineties, AEG, Hyderabad, India. pp. 795-801
6. Venkateswara Rao, B. and Suresh, N., 1993. “Correlation of Hydrogeological and Geoelectrical Characteristics of an Hard Rock Aquifer”, Procs. of the Congress of Geophysics and Environment held at university of Lausanne, Switzerland.
7. Venkateswara Rao, B., 1994. “Geophysical Methods for Environmental Pollution and Protection Studies”, Procs. of National symposium and Workshop on Environmental Education in University Curricula. Organised by A.P. State Council of Higher Education at J N T University Hyderabad.
8. Venkateswara Rao, B. and Yadiah, Y., 1996. “Ground Water Pollution in parts of Hyderabad city, India”, Hydrology Journal, Vol. XIX, No.3, pp 31-44.
9. Venkateswara Rao, B., 1996. “Artificial Recharge of Rainfall Water for City Water Supply a Case Study”, Hydrology journal, Vol.XIX, No. 4, pp 35-48.
10. Venkateswara Rao, B., 1996 “Sustainability Measures for Water Resources in the Context of Indian Village System”. Journal of Indian Water Resources Society Vol.8, (4) No.2 , pp. 42-44

11. Lakshminarayana, P. and Venkateswara Rao, B. 1996. "Competing interests in Water Resources – A rural and Urban Scenario in Andhra Pradesh, India" Procs. Of USCID 1996 Water Management Conference, USA, pp. 251-262.
12. Venkateswara Rao, B., Amara Zaben and Rajesh Babu, C., 1997. "Application of Remote Sensing and Conventional Techniques for the Evaluation of Sediment Yield and Soil Conservation Measures in the Parts of Sriramsagar Catchment" procs. Of the International Conference on Remote Sensing and GIS/GPS, JNT University, Hyd.
13. Venkateswara Rao, B., 1997. "An Improved Methodology for Identification of Ground Water Potential Zones in a typical Khondalitic Terrain", Procs. Of the national Conference on Emerging Trends in The Development of Sustainable Groundwater Sources, JNT University, Hyderabad.
14. Venkateswara Rao, B., 1997. "Ground Water Pollution and Remedial Measures in the Hyderabad City, India", procs. Of the International Conference on Industrial Pollution and control Technologies, JNT University, Hyderabad.
15. Venkateswara Rao, B., 1998. "Hydromorphogeological Investigations in a typical Khondalitic Terrain using Remote Sensing Data", Photonirvachak Journal of the Indian Society of Remote Sensing, Vol.26 No. 1&2, 1998.
16. Ramesh, G.V.N. and Venkateswara Rao, B., 1998. "The very Low Frequency Electromagnetic Method (VLF-EM) in Ground Water Exploration", Journal of Applied Hydrology Vol.XI, Nos. 2 & 3, pp. 47 - 56
17. Venkateswara Rao, B., 1998 "Hydrogeochemical Characteristics of a Typical Khondalitic Aquifer", Procs. of the National Seminar on Conservation of Eastern Ghats, Envis Centre EPTRI & Andhra University, Visakhapatnam, pp 154-167.
18. Venkateswara Rao, B., 1998. "Geoelectrical Characteristics of a Typical Khondalitic Aquifer", Bhujal News, A Journal of CGWB, Govt. of India, Vol 13 No 3&4, pp.21-30.
19. Sara Naaz and Venkateswara Rao, B., 1998. "Application of Geographic Information System for the Identification of Soil Conservation Sites in the Parts of Sriramsagar, India", Procs. of Work Shop on Watershed Management – Problems and Prospects at JNT University, Hyderabad, pp. 43 – 53
20. Venkateswara Rao, B., and Ratna Kumar, M., 1999. "Examination of Quality of Drinking Water in the Twin Cities of Hyderabad & Secunderabad", Procs. of National Seminar on Water Resources Management for Sustainable Development, Water Technology Centre, Sri Venkateswara University, Tirupathi, pp. 161-166
21. Venkateswara Rao B., 1999 "Influence of Urbanisation over the nearby catchments of the city- A case study of Hyderabad, India." presented in the 9th Stockholm Water Symposium, Stockholm, Sweden.
22. Srinivas, A., Venkateswara Rao, B. and Gurunatha Rao, V.V.S., 1999. "Recharge Process and Aquifer Models of a small Watershed", Hydrological Sciences Journal 44(5) pp.681-692
23. Thyagaraj, C.R., Venkateswara Rao, B., Vittal, K.P.R., 1999 "Soil Moisture Management for Crop Establishment in semi arid tropics, procs. of National Seminar on Water Resources

Management for sustainable development, Water Technology Centre, Sri Venkateswara University, Tirupati, pp. 21-24

24. Radhika, K., Venkateswara Rao, B., Gurunatha Rao, V.V.S. and Dhar, R. L., 2000 "Coupled Recharge and Ground Water Flow Model in Mallavaram Watershed in East Godavari District, A.P.", Procs. of the National Seminar on Geophysical Exploration Retrospect and Prospect, Dept. of Geophysics, Andhra University, Visakhapatnam.
25. Venkateswara Rao, B. and Rama Prasad, T.A., 2000. "A Methodology for Identification of Ground Water Potential Zones in a Typical Basaltic Terrain", Procs. of the Workshop on Challenges in Ground Water Development organised by CBIP at Tirupathi, A.P. India, pp. 68-76.
26. Venkateswara Rao, B., 2001. "Hydrogeology and Geophysics of A Typical Kondalitic Aquifer – A Review", Proc. Of the Mahadevan birth Centenary International Symposium on Challenges of Water Resources Management in the Developing Countries in the 21st Century, Andhra University, Visakhapatnam, pp.22.
27. Venkateswara Rao, B., 2001. "Application of Resistivity Methods for Groundwater Pollution Studies", Proc. Of the Seminar on Geoenvironment – Monitoring Technologies and Management, CEG, OU, Hyderabad, pp.18.
28. Venkateswara Rao, B. and Kareem Khan, P., 2002. "Development of Software Package for Evaluation of Groundwater Potential in Hard Rock Areas", Proc. Of the International Groundwater Conference on Sustainable Development and Management of Groundwater Resources in Semi – Arid Region with Special Reference to Hard Rocks, NGRI, organized at Dindigul, pp.485-496.
29. Sekhar, K.R., Venkateswara Rao, B., 2002. "Evaluation of Sediment yield by using remote sensing and GIS: a case study from the Phulang Vagu Watershed, Nizamabad District (AP), India", INT. Journal of Remote Sensing, Vol.23, No.20, pp.4499-4509.
30. Prem Chand, Ch., Anwar, Md. and Venkateswara Rao, B., 2002. "Hydrogeophysical and Hydrogeochemical Investigations in Parts of Musi Catchment to Define Groundwater Pollution", Proc. Of International Conference on Hydrology and Watershed Management, JNT University, Hyderabad, Vol.2, pp.585-595.
31. Venkateswara Rao, B., and Ramadurgaiah, D., 2002. "Comparative study of Resistivity Soundings and Lithologs in a Khondalitic Terrain in an Area around Vizianagaram, A.P., India", Proc. Of International Conference on Hydrology and Watershed Management, JNT University, Hyderabad, Vol.1, pp.132-143.
32. Venkateswara Rao, B. and Srinivasa Reddy, K., 2002. "Geo Electrical Investigations for Groundwater Potential Zones in Ramoji Film City, Hyderabad", Proc. Of International Conference on Hydrology and Watershed Management, JNT University, Hyderabad, Vol.1, pp.144-151
33. Mishra, P.K., Raj Kumar, G., Venkateswara Rao, B. and Sridhar, M., 2002. "Water Harvesting Strategy in Drought Prone Areas – A Case Study in Watershed Perspective", Proc. Of International Conference on Hydrology and Watershed Management, JNT University, Hyderabad, Vol.1, pp.244-250.

34. Anwar, Md., Prem Chand, Ch. and Venkateswara Rao, B., 2002 “ Evaluation of Groundwater Pollution Potential of Musi river Catchment Using DRASTIC Index Model”, Proc. Of International Conference on Hydrology and Watershed Management, JNT University, Hyderabad, Vol.1, pp.399-408.
35. Barkat Ali Khan, Venkateswara Rao, B., Gurunadha Rao, V.V.S., 2002, “ Groundwater Flow Model of Vattigudipadu Watershed, Krishna District, A.P., India”,Proc. Of International Conference on Hydrology and Watershed Management”, JNT University, Hyderabad, Vol.1, pp.409-418.
36. Padmanabhan, M.V., Venkateswara Rao, B., and Victor, U.S., 2002, “ Simulation on the effect of Runoff Retention in an Alfisol Watershed Using EPIC Model”, Proc. Of International Conference on Hydrology and Watershed Management”, JNT University, Hyderabad, Vol.1, pp.509-515
37. Mishra, P.K., Narsimlu, B., Venkateswara Rao, B., Rao,K.V, 2002 “ Effect of Vegetative Covers for Resources Conservation in Simulated Waterways using CRIDA Tilting Flume”, Proc. Of International Conference on Hydrology and Watershed Management”, JNT University, Hyderabad, Vol.1, pp.539-545.
38. Venkateswara Rao, B., 2002. “Goelectrical Data Based Statistical Modelling for Yield of Bore Wells in Typical Khondalitic terrain”, Journal of Applied Hydrology, Vol XV, pp. 1-8.
39. Narsimlu, B., Venkateswara Rao, B., Mishra, P.K., and Rao, K.V.,“ Effect of Covers for Soil and Water Conservation using a Tilting Flume”, Journal of Irrigation and Drainage Engineering, of American Society of Civil Engineers. Accepted for publication.
40. Venkateswara Rao,B., 2003, “ Analysis of Morphometric Parameters and Water Level Fluctuations as a Groundwater Prospection Tool”, Submitted for International Seminar on Watershed Development being organised by Andhra University, Visakhapatnam.
41. Venkateswarlu,B and Venkateswara Rao,B.,2004, “Rainfall-Runoff Equations for Maner Basin, Andhra Pradesh, India”, Proc. Of the International Conference on “Advanced Modeling Techniques for Sustainable Management of Water Resources”, NIT Warangal, Warangal ,Vol.1,pp.19-25.
42. Qamar Sultana, Venkateswara Rao.B, and Prasad.D.V.S, 2004 “Integrated Optimal Operation of Srisailem and Nagarjunasagar Reservoir” Proceedings of Conference on Water Resources development and Management Practices being organized by M.V.S.R Engineering College, Hyderabad, Vol.1, pp:143-154
43. Qamar Sultana, and Venkateswara Rao.B, 2004 “Development of Stochastic Model for the Forecasting of the Reservoir Inflows” Proceedings of Conference on Water Resources development and Management Practices organized by M.V.S.R Engineering College, Hyderabad, Vol.1, pp: 175-183
44. Venkateswara Rao.B, 2004 “ Improved methodology for Identification of Groundwater Potential Zones in Typical Khondalitic Terrain”, Proceedings of 32nd IGC held at Florence, Italy.

List of Publications by Sri K.RamaMohan Reddy

1. V.V.Nageswara Rao, Sri K.RamaMohan Reddy,2002”Estimation of Monthly Inflows into Osman Sagar Reservoir by Regression” Proc. Of International Conference on Hydrology and Watershed Management”,JNT University, Hyderabad, Vol 1.pp 217-219
2. K.Rama Mohan Reddy,K.Vijay Kishore and D.Mallikarjun,2002,”Impact Studies for Sustainable Development of Water Resources in Manchal Watershed of A.P”, Proc. Of International Conference on Hydrology and Watershed Management”, JNT University, Hyderabad, Vol1., pp748-756.

List of Publications by Smt.C.Sarala

1. Smt C.Sarala,Dr.K.V.Jaya Kumar,2002”Estimation of Peak Flood by SCS TR-55 Method for Urban Drainage Design and Development of Constructed Wetland for Part of Warangal Town. Proc. Of International Conference on Hydrology and Watershed Management”, JNT University, Hyderabad, Vol 1., pp 489(a)-489(l)

List of Publications by Sri P.Srinivas

1. P.Srinivas,M.L.Narsaiah and Dr.S.Thayumanavan,2004, “Rainfall Forecasting of Saidapet Raingauge Station by using Box-Jenkins ARMA Model”,Proc.Of the International Conference on “Advanced Modeling Techniques for Sustainable Management of Water Resources”, NIT Warangal, Warangal ,Vol.1,pp 56-60.
2. P. Srinivas, K. Sunil Raju and Dr. P. Ch. Sanjeeva Rao, 2004, “Rain Water Harvesting Need and Approaches For Sustainable Development”, Proceedings of Conference WARM-2004 Organized by M.V.S.R. Engineering College, Hyderabad Pp: 184 – 187.
- 3.P. Srinivas, M.L.Narasaiah and Dr. S. Thayumanavan, 2004, “Application of Auto Regressive Moving Average Model for Rainfall Prediction”, Proceedings of Conference on WARM-2004 Organized by M.V.S.R. Engineering College, Hyderabad Pp: 165 – 174.

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