

Curriculum Vitae

Dr. G K VISWANADH

Senior Professor of Civil Engineering & Director UGC-HRDC &

Director, IQAC, JNTUH, Hyderabad

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Dr. G.K. Viswanadh is presently working as Senior Professor of Civil Engineering and Director UGC-HRDC and Director, IQAC, JNTUH. He has vast experience in academics, research, consultancy, administration and examinations. He worked as the **Head of Civil Engineering** (2006-2008), **Director of Evaluation** (2008-2011) and **Director, Academic & Planning** (2011-2013), **OSD to Vice-Chancellor** (2014 to 2018) and presently the **Director UGC-HRDC** (2018 - till date). He worked as the Nodal Officer for the world bank project TEQIP-1 for JNTU College of Engineering Hyderabad during 2003-08. He worked as the Convener/Co-convener / Coordinator for various recruitment and admissions tests conducted by the university.

Dr.Viswanadh's research interests are in the areas of Integrated Water Resources Management, Watershed Management, Rainwater Harvesting, Management of Lift Irrigation Schemes and GIS Applications in Water Resources Management. Dr. Viswanadh has published **226** well-researched scholarly papers at National and International journals and conferences, guided **14 Ph.Ds** and **25 M.Tech** dissertations. At present, he is guiding **7 Ph.D.** scholars and a large number of M.Tech. students. He has organized **23 national conferences** and workshops besides being a member of organizing committees for several seminars and workshops at National and International levels. He has delivered **103** lectures at various Institutions/organizations. Dr. Viswanadh has attended **34** national and **16** International seminars/conferences.

He has been associated with several MHRD and AICTE R&D Projects. Dr. Viswanadh has completed **18 research & consultancy projects** and has been actively involved in several Industrial Consultancy Projects like Third Party Quality control of Irrigation projects, Comparative Evaluation of Minor irrigation Projects, NFFWP works, Fire safety for High rise hospitals, Design of mini hydel stations etc. He authored / edited **5books** in his field of water resources engineering. He is the Technical Paper Reviewer for the Civil Engineering Journal published by Institution of Engineers, and Journal of Spatial Hydrology several. He is also a Fellow of Institution of Engineers and a member of **06** professional bodies and **16** advisory committees. He worked as the coordinator for AICTE faculty Development programs for the year 2019-20 to 2021-22.

He received the **Young Engineer Award** in 1996, and the Kancha Reddy Memorial Award for the **Best Paper** published in IWWA in 2007. He received State Level **Best Teacher Award** from the Govt. of AP for the year 2010 and **Best Director Award** 2013 from Education Expo Academic Brilliance Awards, **Best research paper award** – 2018 from the Research world and Lifetime Golden achievement award-2020 Bhrat Rattan publishing house.

Dr.Viswanadh visited several countries for dissemination of his research outputs and for exchange of ideas, to name a few - Omaha USA (2006), Hawaii USA (2007), Thailand (2009), Sri Lanka (2011), Hong Kong (2011), Urbana Champaign IL , USA (2012), AIT Bangkok (2013), US Flight Academy, Texas, USA (2013), San Francisco, USA (2014), New York, USA (2015), Florida, USA (2016), Washington, USA (2017), New York , USA(2018). He presented his research papers in the international conferences in all these countries.

As a Director of the UGC Human Resource Development Center in JNTU Hyderabad, he conducted several programs to train the faculty members across the country (10351 faculty members in fours years of time 2018-22) and the center has been identified as the **High performing Training Center** during his period as Director among the 66 HRDCs across the country. Dr. Viswanadh has coordinated 9 Orientation programs of three/four week duration, 9 Faculty Induction Programs of one month duration, 4 Refresher courses of two/three weeks duration and 19 short term & Faculty Development programmes, 1 Entrepreneurship development program, 3 Professional Development Programme and 10 webinars for the faculty members across India and 6 training programs to the Metro water board engineers.

Name : Dr G.K. Viswanadh

Designation : Professor of Civil Engineering & Director UGC-HRDC JNTUH

Academic experience :	35 years
Professor	19 years
Associate Professor	5 years
Assistant Professor	6 years + 5 years in private Engg. college

Administrative Experience in the University:	14 years	Administrative Experience in the College:	13 years
Director, UGC-HRDC	2018-till date	Head Civil Engineering CEH	2006-08
OSD to Vice-Chancellor JNTUH	2014-2018	Nodal Officer TEQIP-1	2004-08
Director, Academic & Planning	2011-13	Officer In-charge of Exams	1995-2003
Director of Evaluation	2008-11		

Research & Consultancy					Publications					
Ph.Ds awarded	Ph.Ds guiding	M.Tech's	Research Projects	Consultancy projects	Books Edited	Int. Journal	Int. conf	National Journal	National conf.	Total
13	8	25	5	13	5	65	67	25	69	231

Tech. sessions Chaired	Conference /Seminars FDPs/Refresher courses organised	Conferences attended	Key note lectures	Member of Govt. bodies / advisory committees	Member of Professional bodies	Member of university committees&BoG	UGC autonomous committee member	NAAC peer team member
11	85	50	108	16	06	43	06	05

Awards & Distinctions:					
Life Time Golden Achievement Award by Bharat Rattan Publishing House	Best research paper award by Research world	Best Director by Academic Brilliance	Best Teacher award by Govt. of AP	Best research paper award by IWWA	Young Engineer award by Institution of Engineers (India)
2020	2018	2013	2010	2007	1996

Specific Contribution in various administrative positions:

Designation	Experience	Specific contribution
Director, UGC- HRDC	4 years (2018-till date)	<ul style="list-style-type: none"> • MoU with AICTE for FDP programs • Online applications from participants • Online feedback system for each class • Establishment of computer lab for HRDC • Management capacity development for support staff • 126 programs in 4 years with 10351 teacher participant
OSD to Vice-Chancellor JNTUH	4 years (2014 – 18)	<ul style="list-style-type: none"> • Conducted 4 convocations as convener • Involved in Automation of FFC reports • Principal ratifications • Faculty selections in affiliated colleges • B.Tech CCC old batches recognition
Director Academic & Planning JNTUH	3 years (2011-13)	<ul style="list-style-type: none"> • Involved in establishment of new constituent colleges CEM, CES • Boards of Studies R13 regulations • Introduced Human values & ethics subject • Conducted APSCHE funded subject specific training to affiliated college teachers • Faculty Eligibility Tests
Director of Evaluation JNTUH	2 years (2008-11)	<ul style="list-style-type: none"> • Online application for Sem. Examinations • Student profile online filling • Examination Data security • Chip based original Degrees (convocation) • OMR based student specific answer books
Head of Civil Engineering, JNTUH college of Engineering Hyderabad	2 years (2006-08)	<ul style="list-style-type: none"> • NBA accreditation • UGC autonomous status to the college • Consultancy works • Student seminars - STAPATHYA • Civil Engineering Association
Nodal officer, TEQIP-1	4 years (2004-08)	<ul style="list-style-type: none"> • Overall Project implementation at institution • Quality improvement in the institution with state of art lab equipment procurement • Expert lectures, workshops • Deputing faculty for international conferences • Community services • Management capacity development for teachers and support staff
Officer In-Charge of Examinations	8 years (1995-2003)	<ul style="list-style-type: none"> • Conduct of UG/PG/Ph.D examinations • First cycle of UGC Autonomous college • Examination reforms • Nodal center activities

I - Personal Details:

Date of Birth : 3 June 1964

Address for Correspondence : Professor of Civil Engg. & OSD to Vice-Chancellor
JNT University Hyderabad, Kukatpally,
Hyderabad -500085
Telangana, INDIA

Phone No. : +91-40-23158661 ext.1370 (Off)
+91-98491 63875 (Cell)

Fax No. : +91-40-23158665

E-mail Id : gkviswanadh@jntuh.ac.in
kasi.gorthi@gmail.com

Website: : www.jntuh.ac.in

Sex : Male

Marital Status : Married

II - Educational Qualifications:

B.Tech (Civil Engineering), I Class Distinction, Nagarjuna University : 1985

M.E (Hydraulics), First Class with Distinction, Mysore University : 1988

Ph.D.(Water Resources) Jawaharlal Nehru Technological University : 1996

Certificate Course (C, C++, OOPS , Networking) JNT University, Hyderabad : 1997

III - Academic Positions:

Professor of Civil Engineering, JNTUH : 2003 to till date

Associate professor of Civil Engineering, JNTU : 1998 – 2003

Assistant Prof of Civil Engineering, JNTU : 1992 – 1998

Lecturer in Civil Engineering , SVH CE, Machilipatnam : 1985 – 1992

IV - Administrative Positions:

Director, UGC-HRDC JNTUH : 2018-till date

OSD to Vice-Chancellor, JNTUH : 2014-2018

Director, Academic and Planning JNTUH : 2011 -2013

Director of Evaluation JNTUH : 2008 -2011

Head Civil Engg., JNTU College of Engg., Hyderabad : 2006-2008

Nodal Officer TEQIP-I, JNTU College of Engg., Hyd. : 2003-2008

Officer In charge of Hydraulics Lab of Civil Engg. : 1995-2006

Officer In charge of Computer Lab of Civil Engg. : 1995 -1998

Officer in charge of Examinations of JNTUCE, Hyd. : 1995-2003

Designation	Number of Years of Experience	Details of Administrative Experience
Director, UGC- HRDC	4 years (2018 – till date)	Conduct of orientation courses, refresher courses, short term programs for teachers of Engineering, science, pharmacy and management faculties
OSD to Vice-Chancellor JNTUH	4 years (2014 – 18)	Establishment works, academic works, Examination works, affiliation works, On various committees, Meetings with all Principals, Directors for review of progress of academic works, CAS promotions to faculty, Convocations etc.
Director Academic & Planning JNTUH	3 years (2011-13)	Establishment of new constituent colleges, new UG/PG programs, UFC funds, scholarships, Procurement of lab equipment, purchase committee meetings, convocations, MoUs with national and international organizations.
Director of Evaluation JNTUH	2 years 6 months (2008-11)	Conduct of UG/PG/Ph.D examinations of all affiliated colleges, valuation and result processing, convocations, student services etc.
Head of Civil Engineering, JNTUH college of Engineering Hyderabad	2 years (2006-08)	Teaching, research, NBA accreditation, UGC autonomous status to the college, organizing conferences/workshops, student technical events etc.
Nodal officer, TEQIP	4 years (2004-08)	Project implementation, Quality improvement in the institution, expert lectures, workshops, civil works, procurement of goods, teaching-learning improvement, community services.
Officer In-Charge of Examinations	8 years (1995-2003)	Conduct of UG/PG/Ph.D examinations autonomous college and valuation of all affiliated colleges, result processing, student services etc.

VI - Awards / Distinctions:

State Best Teacher Award from the Government of Andhra Pradesh	:	2010
Lifetime Golden Achievement Award from Bhat Rattan publishing house, Delhi	:	2020
Best Research paper award from Research world I2C2E conference	:	2018
Best Director Award from Education Expo Academic Brilliance, New Delhi	:	2013
Kancharaddy Memorial Prize by Indian Water Works Association (IWWA)	:	2008
Young Engineer Award by the Institution of Engineers (India) Govt. of A.P	:	1996

VII - Research Experience:

- Associated with **18**AICTE, MHRD R&D and Consultancy Projects.
- Guided **13**Ph.D's, **25** M.Tech dissertations and **27** B.Tech projects.
- Presently guiding 8 Ph.D's and 12 M.Tech dissertations
- Published **226** Research papers in national and international journals & conferences
- Technical paper reviewer for the journal of Civil Engg. Institution of Engineers (India) and Journal of Spatial Hydrology.

VIII - Research Projects

Funded by Govt. of India (05):

1.	Associated with the project "Modernization of Fluid Mechanics and Hydraulics Laboratory", sanctioned by MHRD, Government of India, Rs.5.00 lakhs.	1993 – 1996.
2.	Principal Investigator for the R&D Project "Descriptive and Prescriptive Models for Effective Management of Floods", sanctioned by AICTE, Government of India, Rs.3.00 lakhs.	1998 – 2002
3.	Principal Investigator for the R&D Project "Integrated Water Resources Management strategies for typical scanty rainfall area – A case study of lower Krishna Basin" sanctioned by AICTE, Government of India, Rs.4.00 lakhs.	2003–07
4.	Co-principal Investigator for the R&D Project "A novel approach for reduction of fluoride concentration in fluoride affected village with geo-textile as filter and direct recharge of surplus runoff into aquifers" sanctioned by TSCOST, Telangana state, Govt. of Telangana, Rs.8.50 lakhs.	2016-18
5.	Co-principal Investigator for the R&D Project "Drinking Water Augmentation to Sc Communities in Fluoride Affected Areas of Nalgonda District Through Rainwater Conservation" sanctioned by NRDMS, Ministry of Science and Technology, Department of Science and Technology, for Rs.5.52 Lakhs	2016-18

Industrial Consultancy Projects (13):

1.	Technical study on "Flooding and Inundation of Residential Area at Dacheppally Village adjacent to NAM Project during severe rains in September"	2016
2.	Member, Third Party quality control team for school buildings, Govt. of A.P.	2011
3.	Member, Fire safety guidelines Committee for High Rise Hospitals, GHMC Hyd.	2010
4.	Member, Expert Committee for Palemvagu dam monitoring committee, Govt. of AP.	2009
5.	Vetting and approval of Rain fall Analysis Report for PURI Town, Voyant Solutions pvt. Ltd.	2009
6.	Member, Expert committee for Palemvagu dam breach investigation. Govt. of AP.	2008

7.	Third party quality control for irrigation projects in A.P.	2007-12
8.	Economic evaluation of Mini Hydel Stations of APTRIPCO, Govt. of A.P.	2007
9.	Third party quality control and quality assurance for the works of Andhra Pradesh Rural Employees Guarantee Scheme (APREGS), Govt. of A.P.,	2006
10.	Coordinator for Evaluation & Physical Verification of Irrigation works carried out under National Food For Work Programme (NFFWP) projects in Ranga Reddy District. Govt. of A.P.	2005-06
11.	Coordinator for the preparation of PFR's and DPR's for three mini hydel stations of APTRIPCO, Govt. of Andhra Pradesh.,	2004-06
12.	Feasibility Report on Construction of ELSR at XIV Phase area Survey no. 1009/1 of KPHB, Hyderabad, The Hyderabad Metropolitan Water Supply & Sewage Board	2004
13.	Coordinator for Comparative Evaluation of Minor Irrigation Projects of ITDA, Govt. of A.P.	1993-96

IX - Present Areas of research:

- Integrated Water Resources Management
- Decision Support System for IWRM
- Conjunctive use management
- Rainfall-Runoff Modeling
- Critical analysis of Lift Irrigation Schemes
- Watershed Management
- Friction factor studies in pipes
- Application of RS & GIS in water resources management.
- Rain water harvesting structures

X - Books and proceedings

1.	G.K.Viswanadh and M.V.S.S. Giridhar; Proceedings of the National Workshop on Watershed Management and Impact of Environmental Changes on Water Resources (WMEC-2006), Sep. 2006.
2.	G.K.Viswanadh and M.V.S.S. Giridhar; Proceedings of the National Conference on Watershed Management and Impact of Environmental Changes on Water Resources (WMEC-2007), Feb 2007. ISBN: 81-7800-143-8
3.	G.K.Viswanadh and M.V.S.S. Giridhar; Proceedings of (ICRAMAV-2012) International conference on recent advances in design, development and operation of micro air vehicle, 10-12, December, 2012, ISBN: 978-81-7800-281-1.
4.	G.K.Viswanadh; Fluid Mechanics and Hydraulic Machines laboratory manual, SCDE press, JNTU, 2005.
5.	G.K.Viswanadh; Environmental Engineering Laboratory Manual, SCDE press, JNTU, 2007.
6.	G.K.Viswanadh and NV Ramana Rao; Proceedings of the National Workshop on Mechanisation in High Rise Construction (MHRC-2009), May. 2009.

XI - Ph.D. Thesis Guided (13):

S.No.	Name of the Student	Year of award	Title of the Thesis
1	K. Ashok	2023	Urban Flood Forecasting and Management using GIS
2	U.Visweswara Rao	2018	Dynamic operation Of Reservoirs for managing and mitigating floods
3	P. Anil Kumar	2017	Development of a GIS model and identification of rain water harvesting structures using Geomatic approach.
4	Matammohan Babu	2015	Salt water intrusion studies in coastal freshwater aquifers.
5	Mudimby Andal	2013	Performance studies on Modified Geosynthetic Clay liners (GCL).
6	B.J.S.Vara Prasad	2011	Investigations on deposits in domestically used PVC pipes.
7	G.Venkatramana	2010	Integrated Approach to watershed Management using Remote Sensing and Geographical Information system Modules.
8	A.Subhas Chandra Bose	2010	Developing a GIS model for Integrated Soil and Water Management Practices – A Geomatic Approach.
9	A. Srinivasa Prasad	2009	Optimal Irrigation Planning and Real time reservoir – A case study of Nagarjuna sagar Reservoir project.
10	C.S.V.Subrahmanya Kumar	2009	Performance evaluation and comparison of different types of hydrological models using artificial neural networks.
11	M. S. Shiva Reddy	2008	Evaluation of Flow Parameters of Few Typical Tunnel Sections under Free Surface Flow Conditions ,
12	MVSS Giridhar	2007	Semi Distributed Conceptual Rainfall-Runoff Models.
13	V.V. Nageswara Rao	2003	Friction Factor Investigations on Used Domestic PVC Pipes.
14	N.Chalamaiah	2002	Critical Analysis of Lift Irrigation Schemes for Optimal Management of Resources.

Ph.D's under progress:

1.	B. Rajasekhar	Effective Water Distribution System Using Supervisory Control and Data Acquisition (SCADA)
2.	M.V.Ramana Murthy	Decision support system for Hydrological studies
3.	S. Venkat Charyulu	Effective Water Resources Management using Decision Support System,
4.	K.Venkat Rao	Structural Optimization of High-rise steel buildings

5.	M.Phani Madhav	Optimal Control of Water Distribution at DAMS & Reservoirs Using SCADA & Telemetry,
6.	CVS Narayana	Conjunctive utilization of water resources for managing water quality for irrigation
7.	Ch. Raghava Rao	Surface and Ground water potential studies of Krishna & Godavari basins

XII - M.Tech Theses guided:

S.No.	Name of the Student	Year of Completion	Title of the Thesis
1.	S Venkat charyulu	2013	Sedimentation Evaluation using Remote sensing and GIS: A case study of Himayathsagar Reservoir.
2.	K.Venkat Reddy	2007	Comparison of Evapotranspiration estimation methods for sub basin K-11 of Krishna river.
3.	P.Rajesh Kumar	2006	Optimal Operation of a single reservoir using Differential Dynamic Programming.
4.	D.Srinivasa Reddy	2006	Comparison of surface runoff for a sub-basin of Krishna river using Stanford watershed model-IV and SCS method.
5.	M.Vidyadhar	2003	Rainfall Analysis and characteristics in Rangareddy District (Multiple Regression Model)
6.	Ratan Babu Kommineni	2003	Estimation of Parameters of Nash IUH Model.
7.	Md.Mahmood. Ali	2003	Land Use / Land Cover Changes in Dharmabad Watershed of SRSP.
8.	L. Hanumantha Reddy	2003	Design of Minor Irrigation Tank With High Co-efficient Weir
9.	S.Mallikarjuna Rao	2003	Optimal Operational strategy of a reservoir under variable inflow conditions in Nagarjuna Sagar reservoir.
10.	D.Sanjeeva	2001	Hydrologic Data Processing Time Series Analysis.
11.	D.V.S.Satish	2001	Identification of Water Logged Area and Remedial Measures in Krishna Delta.
12.	T.V.S. Suryanarayana Rao	1999	Mapping the Interface between the Subsurface Water and Sea Water in Krishna Delta Area.
13.	B. Pratap Kumar	1998	Development of Renewable Energy by Setting up of a Mini Hydro Scheme along the Irrigated Canal System.
14.	Sk. Khalesha Vali	1998	Irrigation Water Management for a Scanty Resource Area
15.	Madhava Rao	1995	Optimal cropping Pattern of Saraswathi Canal Command

XIII - B.Tech Projects Guided:

S.No.	Name of the Student	Title of the Project
1.	P.Devi	Providing Drinking Water Facilities to North Addanki Village (CPWS Scheme) in Addanki Mandal.
2.	A.V.L. Satyanaryana	Design of Tube Well Irrigation System for Conjunctive use of Surface Water And Ground Water in Krishna Delta.
3.	Mohd. Ali Akbar	Artificial Recharge of Groundwater by the Method of Roof top Collection.
4.	Ch. Chandra mohan	Design of a Baffle Type Drop cum Regulator on a Major Canal.
5.	Y.Bhaskara Rao	Water Supply Scheme to Bellamkonda and other 16 Villages.
6.	Eswara Raju	Study of Designed Non-Overflow Dam of Maddileru Irrigation Project -Anathapur District.
7.	Jagath Prakash Goud	Drinking Water Supply Scheme to a Rural Village Kothur 'K'.
8.	A.A.Srikar& Others	Estimation of Peak Flood Discharge from Daily Rainfall and Remote Sensing Data for Designing Urban Drainage System- A Part of Hyderabad City.
9.	P.Ganga Bhavani	Flood Forecasting in Krishna Basin.
10.	S.N.V.Satish& Others	Flood Forecasting in Godavari and Krishna Basins.
11.	S. Arunalatha	Comparison of Geographical Features of Pre and Post Monsoon Periods of Konapalli Watershed Using GIS.
12.	M.K.Yousuf Uddin Fareed	Flow Measurements and Sediments Analysis of River Krishna (At Site No:10)
13.	A. Lakshmi	Hydraulic Design of a Small Scale Hydroelectric Power Plant.
14.	S.Bhargavi	Remote Sensing and GIS Applications in an Irrigation Project.
15.	B.Nagaraju	Planning and Design of Irrigation Tank across VepakondaVanka Village Karvetinagaram (Mandal) Chittor (Dist).
16.	Tirupalu Reddy	GIS Based Creation for Forecast Coverage of Vizianagram District.
17.	G.Sunil Kumar	Planning and Design of Irrigation Tank across Barate Puram InNagalapuram (Mandal) A.P.
18.	Ch. Yadagir Reddy	Data Base Creation of Seven-Trend Water Network in England.
19.	T.Swapna	Integrated Water Management.
20.	Rajasekhar	Conjunctive Utilization of Surface Water and Ground Water in Krishna Delta.
21.	Ch.Rajan Raju 2009	Planning, Analysis and Design of a Rainwater harvesting system: A case study of hostel building of vignanvidyalaya.
22.	G.Swapna Kumari, 2009	Analysis and Design of Trough aqueduct.
23.	Shaik Osman , 2005	Water management through a Lift Irrigation scheme for supplementing tail end of command area under N.S.P.
24.	Y.V.Sudhakar babu, 2009	Integrated watershed management
25.	S.Pavan Kumar, 2007	Runoff estimation of a watershed using GIS and SCS-CN

		method.
26.	P.Bharath Anand, 2005	Water Resources management in kakkalapalli watershed in Ananthapur district using Remote sensing and GIS techniques.
27.	N.Roopa 2005	Analysis of financial viability of mini-hydel station on a stream (case study of Kuntala water falls)

XIV -Visits Abroad(13):

USA	International conference at New York , USA	2018
USA	International conference at Washington DC , USA	2017
USA	EWRI -ASCE conference , West palm beach, Florida USA	2016
USA	International Conference on Innovation in Engg., NY , USA	2015
USA	International Conference on Climate Change, SFO, USA	2014
USA	MoU Visit to US Flight Academy, Texas, USA	2013
Thailand	MoU Visit to Asian Institute of Technology , Bangkok , Thailand	2013
USA	WRM Conference, university of Illinois , IL, USA	2012
Sri Lanka	Invited Lecture on WR management , Colombo, Sri Lanka	2011
Hong Kong	Educational visit to Poly University, Hong Kong	2011
Thailand	EWRI-ASCE Conference , AIT, Bangkok, Thailand	2009
USA	IASTED Conference, Honolulu , Hawaii, USA	2007
USA	EWRI-ASCE Conference Omaha, Nebraska, USA	2006

XV-Member of Professional Societies(06):

Fellow of Institution of Engineers (India)	FIE: F-112482-6
Member of Journal of Spatial Hydrology	MJOSH
Member of Association of Hydrologists of India	AHI-LM-345-638
Member of Indian water Resources Society	LM-95-4714
Member of Indian Society for Technical Education	LM 6408
Member, Indian Remote Sensing Society	L-2593

XVI - Member of Advisory / Enquiry Committees of University/Govt. Bodies(22):

Member NAAC peer team visit to Prince Sri Venkateswara College of Engineering, Chennai, TN	2022
Member NAAC peer team visit to Dheerajlal Gandhi College of Technology, Salem, TN	2021
Member NAAC peer team visit to College of Engineering Roorkee, Roorkee, Uttarakhand	2021
Member NAAC peer team visit to Mahendra Engineering College TN	2018
Member NAAC peer team visit to Sanmati Engineering College MH	2019
Member, University Committee for Perspective Planning, JNTUH	2014

Member , Innovation fund committee, TEQIP-II, SPFU, Govt. of A.P.	2014
Member of Selection committee for IIIT, Govt. Of A.P.	2014
Member, State Advisory committee on Promotion of Human values among students, Commissionerate of Collegiate Edn. Govt. of A.P.	2013
Member, GHMC committee for Storm water Drains, Hyd.	2012
Member of Task force for Inspection of Engg. Colleges, , Govt. of AP.	2012
Member, Review Committee for eligibility criteria for PGECET.	2012
Member of CET committee for EAMCET-2012, APSCHE, Govt. of AP.	2012
Member of Monitoring Committee for Palemvagu project.	2011
Member , Committee for CFO, Zonal office , AP PCB, Hyd.	2011
Member, Committee for Prevention of malpractices in EAMCET.	2011
High Power Committee on Exam Reforms, Dr.BR. Ambedkar open Uty.Hyd.	2011
Member for Establishment of Technical Uty. Govt. of Jharkhand.	2009
Member of Expert Committee for Palemvagu Dam breach, Govt. of AP.	2008
Member, Technical Bid committee for finalization of technical bids of AP TRIPCO for construction of Mini Hydel Stations in Andhra Pradesh.	2007
Advisory core committee, I& CAD Dept., for e-Governance, Govt. of A.P.	2005
Member, Reforms committee for improving efficiency of I&CAD, Govt. of A.P.	2004

XVII - Member of University Statutory and other Committees(43):

Member, Academic Council, Teegala Krishna Reddy Engineering College	2021 & 2022
Member, Board of Studies, CMR College of Engineering & Technology	2021 & 2022
Member, Board of Studies, Civil Engineering, JNTUH	2022
Member, Academic Council, Anurag College of Engineering, Kodad	2021 & 2022
Member, Academic Council, Vardhaman College of Engineering, Hyderabad	2021 & 2022
Member, Academic Council, Institute of Aeronautical Engineering, Hyderabad	2021 & 2022
Chairman, All India Technical Universities Vice-Chancellor Conference, JNTUH	2022
Convener, X Convocation Committee on Masters of Ceremony, JNTUH	2021
Member Board of Governors, CVR College of Engineering, Hyderabad	2021& 2022
Coordinator , VII Convocation, JNTUH	2018
Coordinator , VI Convocation, JNTUH	2017

Member, Academic Council, Srinidhi Institute of Science & Tech.	2017
Member, Academic Council, National Academy of Construction	2017
Coordinator, V Convocation , JNTUH	2014
Member, preparation of model statutes and ordinances of JNTUH.	2014
Member, University Teachers recruitment committee of JNTUH.	2014
Coordinator, IV Convocation , JNTUH	2013
Member, selection committee for teachers, JBIET, Hyd.	2013
Chairman, Board of Studies (BoS), Agricultural Engineering, JNTUH.	2012-14
Member, Academic Council, GNITS(Autonomous), Hyderabad.	2011-14
Member, Academic Council, Sri Indu College of Engg. & Tech. Hyd.	2011-14
Chairman, University Purchase Committee, JNTUH.	2011-13
Member of purchase committee of JNTUHCEH.	2011-13
Member of scrutiny committee for State Teacher Awards, JNTUH.	2011-13
Coordinator, III Convocation , JNTUH	2011
Member of Enquiry committee at JNTUH CEM, Manthani.	2011
Member, Examination and Evaluation Reforms Committee, JNTUH.	2010
Member, Governing body Kamala Nehru Polytechnic, Hyderabad.	2010
Member, BoS (Civil Engg.), JNT University Ananthapur.	2009 -12
Member, Governing Body, SVITS, Mahaboobnagar.	2008-till date
Member, Governing Body, SR Engineering College, Warangal.	2008-till date
Member, Standing Committee for Affiliation, JNTUH.	2008-16
Member, Governing Body, TKR Engg. College, Hyderabad.	2008-13
Member, Governing Body, Madhira College of Engg., Kodad.	2008-13
Member, Governing Body, Gurunanak Inst. of Technology.	2008-13
Member, Governing Body, CM Engineering College, Sec'bad.	2008-13
Member, Governing Body, Ganapathy Engg. College, Warangal.	2008-13
Member, BoS(Spatial Inf. Tech.), Inst. of Science & Tech., JNTUH.	2006-09
Member, Fact Finding Committee for affiliated colleges.	2005-till date
Member, Governing Body, Khadar Memorial Engg. College.	2005-11
Member, BoS(water Resources), Inst. of Science & Tech., JNTU.	2005-08
Member, Governing Body, KITS, Huzurabad, Warangal District.	2005-08
Member, BoS (Civil Engg.) Affiliated colleges, JNT University, Hyd.	2005
Member, BoS (Civil Engg.), JNTU College of Engg. (Auto), Hyderabad,	2005- till date
Member, Academic Development Committee, SRTIST, Nalgonda.	2004-09

XVIII - Member of UGC Autonomous Committees(05):

Member, UGC Committee for BVRIT, Hyderabad	2013
Member, UGC Committee for GRIET, Hyderabad	2013
Member, UGC Committee for Anurag Engg. College, Kodad	2013
Member, UGC Committee for CVSR Group of Inst., Hyderabad	2013
Member, UGC Committee for G.PullareddyEngg. College, Kurnool	2012

XIX -Scholarships received(4):

Merit Scholarship from Zilla Parishad from 8 th class to 10 th class.	1976-79
National Merit Scholarship from collegiate education Govt. of A.P, for Intermediate.	1979-81
National Merit Scholarship from collegiate education Govt. of A.P, for B.Tech four year program	1981-85
University Grants Commission scholarship for M.Tech studies. (18 months)	1986-88

XX - Keynote/Invited Lectures Delivered (108):

1.	Invited lecture on "Evolution of Higher Education Sector in India" during the UGC sponsored Online "Faculty Induction Programme-11" organized by UGC-HRDC, JNTUH, Hyderabad	21-11-2022
2.	Invited lecture on "Introduction and Overview of the Faculty induction Programme" during the UGC sponsored Online "Faculty Induction Programme-11" organized by UGC-HRDC, JNTUH, Hyderabad	21-11-2022
3.	Invited lecture on "Latest Developments in Technology and their use for Educational Purposes" during the UGC sponsored Online "Faculty Induction Programme-10" organized by UGC-HRDC, JNTUH, Hyderabad	01-09-2022
4.	Invited lecture on "Evolution of Higher Education Sector in India" during the UGC sponsored Online "Faculty Induction Programme-10" organized by UGC-HRDC, JNTUH, Hyderabad	22-08-2022
5.	Invited lecture on "Introduction and Overview of the Faculty induction Programme" during the UGC sponsored Online "Faculty Induction Programme-10" organized by UGC-HRDC, JNTUH, Hyderabad	22-08-2022
6.	Invited lecture on "Evolution of Higher Education Sector in India" during the UGC sponsored Online "Faculty Induction Programme-9" organized by UGC-HRDC, JNTUH, Hyderabad	23-05-2022
7.	Invited lecture on "Introduction and Overview of the Faculty induction Programme" during the UGC sponsored Online "Faculty Induction Programme-9" organized by UGC-HRDC, JNTUH, Hyderabad	23-05-2022
8.	Invited lecture on "Latest Developments in Technology and their use for Educational Purposes" during the UGC sponsored Online "Faculty Induction Programme-8" organized by UGC-HRDC, JNTUH, Hyderabad	01-02-2022
9.	Invited lecture on "Evolution of Higher Education Sector in India" during the UGC sponsored Online "Faculty Induction Programme-8" organized by UGC-HRDC, JNTUH, Hyderabad	24-01-2022

10.	Invited lecture on “Introduction and Overview of the Faculty induction Programme” during the UGC sponsored Online “Faculty Induction Programme-8” organized by UGC-HRDC, JNTUH, Hyderabad	24-01-2022
11.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Novel Materials and Energy Storage Devices for Environmental and Health Care Applications” organized by UGC-HRDC, JNTUH, Hyderabad	31-01-2022
12.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Role of Statistics in Machine Learning and Data Science” organized by UGC-HRDC, JNTUH, Hyderabad	04-12-2021
13.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Digital Resource Management in Libraries” organized by UGC-HRDC, JNTUH, Hyderabad	04-12-2021
14.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Teaching English” organized by UGC-HRDC, JNTUH, Hyderabad	15-11-2021
15.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Covid-19 Data Analysis with Deep Learning” organized by UGC-HRDC, JNTUH, Hyderabad	15-11-2022
16.	Invited lecture on “Latest Developments in Technology and their use for Educational Purposes” during the UGC sponsored Online “Faculty Induction Programme-7” organized by UGC-HRDC, JNTUH, Hyderabad	06-11-2021
17.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “3D Printing for Sustainable Development” organized by UGC-HRDC, JNTUH, Hyderabad	30-10-2021
18.	Invited lecture on “Evolution of Higher Education Sector in India” during the UGC sponsored Online “Faculty Induction Programme-7” organized by UGC-HRDC, JNTUH, Hyderabad	25-10-2021
19.	Invited lecture on “Introduction and Overview of the Faculty induction Programme” during the UGC sponsored Online “Faculty Induction Programme-7” organized by UGC-HRDC, JNTUH, Hyderabad	25-10-2021
20.	Invited Lecture on “Latest Developments in technology and use them for educational purposes” during online “5 th Faculty Induction Programme” organized by UGC-HRDC, Pondicherry University, Puducherry.	21-10-2021
21.	Invited Lecture on “Use of free/open source software/hardware in education” during online “5 th Faculty Induction Programme” organized by UGC-HRDC, Pondicherry University, Puducherry.	21-10-2021
22.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Latest trends and challenges in Electric Vehicle Technology and Battery Management Systems” organized by UGC-HRDC, JNTUH, Hyderabad	12-10-2021
23.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Blockchain and its applications” organized by UGC-HRDC, JNTUH, Hyderabad	12-10-2021
24.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Seismic Design of Mutistorey Buildings:	12-10-2021

	IS 1893-2016” organized by UGC-HRDC, JNTUH, Hyderabad	
25.	Invited Lecture on “Use of free/open source software/hardware in education” during online Refresher Course in “MOOCs and E-content Development for University and College Teachers” organized by UGC-HRDC, Pondicherry University, Puducherry.	04-10-2021
26.	Invited Lecture on “Latest developments in technology and use them for educational purposes” during online Refresher Course in “MOOCs and E-content Development for University and College Teachers” organized by UGC-HRDC, Pondicherry University, Puducherry.	04-10-2021
27.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “New technology Development of Advanced Drug Delivery in Life Threatening Diseases” organized by UGC-HRDC, JNTUH, Hyderabad	25-09-2021
28.	Invited lecture on “National Education Policy-2020” during AICTE-JNTUH Joint STTP Program on “Advanced Machine Learning Algorithms” organized by UGC-HRDC, JNTUH, Hyderabad	25-09-2021
29.	Invited lecture on “Latest Developments in Technology and their use for Educational Purposes” during the UGC sponsored Online “Faculty Induction Programme-6” organized by UGC-HRDC, JNTUH, Hyderabad	13-09-2021
30.	Invited lecture on “Evolution of Higher Education Sector in India” during the UGC sponsored Online “Faculty Induction Programme-6” organized by UGC-HRDC, JNTUH, Hyderabad	30-08-2021
31.	Invited lecture on “Introduction and Overview of the Faculty induction Programme” during the UGC sponsored Online “Faculty Induction Programme-6” organized by UGC-HRDC, JNTUH, Hyderabad	30-08-2021
32.	Invited lecture on “Evolution of Higher Education Sector in India” during the UGC sponsored Online “Faculty Induction Programme-5” organized by UGC-HRDC, JNTUH, Hyderabad	12-07-2021
33.	Invited lecture on “Introduction and Overview of the Faculty induction Programme” during the UGC sponsored Online “Faculty Induction Programme-5” organized by UGC-HRDC, JNTUH, Hyderabad	12-07-2021
34.	Invited lecture on “Latest Developments in Technology and their use for Educational Purposes” during the UGC sponsored Online “Faculty Induction Programme-4” organized by UGC-HRDC, JNTUH, Hyderabad	18 Feb 2021
35.	Invited lecture on “Evolution of Higher Education Sector in India” during the UGC sponsored Online “Faculty Induction Programme-4” organized by UGC-HRDC, JNTUH, Hyderabad	10 Feb 2021
36.	Invited lecture on “Introduction and Overview of the Faculty induction Programme” during the UGC sponsored Online “Faculty Induction Programme-4” organized by UGC-HRDC, JNTUH, Hyderabad	10 Feb 2021
37.	Invited lecture on “University Structure and Functionalities” during the TEQIP-III sponsored One Day Online Training Programme on “University Functionaries on Governance” organized by JNTUH Hyderabad	23 Jan 2021
38.	Invited lecture on “University Structure and Functionalities” during UGC sponsored Online Short Term Course on “Effective Academic Administration” organized by UGC-HRDC, JNTUH Hyderabad	04 Jan2021
39.	Invited lecture on “Use of Free/Open Source Software/Hardware in	14 Dec 2020

	Education” during the UGC sponsored 30 days Online “2 nd Faculty Induction Programme” organized by UGC-HRDC, Pondicherry University, Puducherry	
40.	Invited lecture on “Latest Developments in Technology and their use for Educational Purposes” during the UGC sponsored 30 days Online “2 nd Faculty Induction Programme” organized by UGC-HRDC, Pondicherry University, Puducherry	14 Dec 2020
41.	Invited lecture on “Use of Free/Open Source Software/Hardware in Education” during the UGC sponsored UGC sponsored Online Refresher Course on “MOOCs and e-Content Development” organized by UGC-HRDC, Pondicherry University, Puducherry	19 Nov 2020
42.	Invited lecture on “Latest Developments in Technology and their use for Educational Purposes” during the UGC sponsored UGC sponsored Online Refresher Course on “MOOCs and e-Content Development” organized by UGC-HRDC, Pondicherry University, Puducherry	19 Nov 2020
43.	Invited lecture on “Latest Developments in Technology and their use in Education” during the UGC sponsored Online “Faculty Induction Programme-3” organized by UGC-HRDC, JNTUH, Hyderabad	11 Nov 2020
44.	Invited lecture on “Evolution of Higher Education Sector in India” during the UGC sponsored Online “Faculty Induction Programme-3” organized by UGC-HRDC, JNTUH, Hyderabad	02 Nov 2020
45.	Invited lecture on “Introduction and Overview of the Faculty Induction Programme” during the UGC sponsored Online “Faculty Induction Programme-3” organized by UGC-HRDC, JNTUH, Hyderabad	02 Nov 2020
46.	Invited lecture on “Latest Developments in Technology and their use in Education” during the UGC sponsored Online “Faculty Induction Programme-II” organized by UGC-HRDC, JNTUH, Hyderabad	05 Oct 2020
47.	Invited lecture on “Use of Free/Open Source Software/Hardware in Education” during the UGC sponsored 30 days Online “1 st Faculty Induction Programme” organized by UGC-HRDC, Pondicherry University, Puducherry	26 Sept 2020
48.	Invited lecture on “Latest Developments in Technology and their use for Educational Purposes” during the UGC sponsored 30 days Online “1 st Faculty Induction Programme” organized by UGC-HRDC, Pondicherry University, Puducherry	26 Sept 2020
49.	Invited lecture on “Evolution of Higher Education Sector in India” during the UGC sponsored Online “Faculty Induction Programme-II” organized by UGC-HRDC, JNTUH, Hyderabad	21 Sept 2020
50.	Invited lecture on “Introduction and Overview of the Faculty Induction Programme” during the UGC sponsored Online “Faculty Induction Programme-II” organized by UGC-HRDC, JNTUH, Hyderabad	21 Sept 2020
51.	Invited lecture on “Evolution of Higher Education Sector in India” during the UGC sponsored Online “Faculty Induction Programme-I” organized by UGC-HRDC, JNTUH, Hyderabad	03 Aug 2020
52.	Invited lecture on “Introduction and Overview of the Faculty induction Programme” during the UGC sponsored Online “Faculty Induction Programme-I” organized by UGC-HRDC, JNTUH, Hyderabad	03 Aug 2020

53.	Invited lecture on “Digital Initiatives of GoI in Higher Education: SWAYAM, SWAYAMPURABHA, NDL, NAD” during the UGC sponsored Online Short Term Course on “MOOCs, e-Content Development and Open Educational Resources” organized by UGC-HRDC, JNTUH Hyderabad	13 Jun 2020
54.	Invited lecture on “Digital initiatives of GOI in Higher Education: SWAYAM, SWAYAMPURABHA, NDL, NAD” during UGC sponsored Short Term Course on “MOOCs, e-Content Development and Open Educational Resources” organized by HRDC, JNTUH, Hyderabad	10 Feb 2020
55.	Invited lecture on “Dimensional Analysis” during AICTE sponsored FDP on “Hydraulics and Hydraulic Machines” organized by HRDC, JNTUH, Hyderabad	31 Jan 2020
56.	Invited lecture on “Dimensional Analysis” during AICTE sponsored FDP on “Hydraulics and Hydraulic Machines” organized by HRDC, JNTUH, Hyderabad	27 Jan 2020
57.	Invited lecture on “Introduction and Overview of the Orientation Programme” during UGC sponsored “57 th Orientation Programme” organized by UGC-HRDC, JNTUH	20 Jan 2020
58.	Invited lecture on “University Structure and Functionalities” during UGC sponsored Short Term Course on “Skill Enhancement for Non-teaching Staff” organized by UGC-HRDC, JNTUH Hyderabad	09 Dec 2019
59.	Invited lecture on “Research Paper Writing” during UGC sponsored “56 th Orientation Programme” organized by UGC-HRDC, JNTUH	29 Aug 2019
60.	Invited lecture on “Introduction and Overview of the Orientation Programme” during UGC sponsored “56 th Orientation Programme” organized by UGC-HRDC, JNTUH	05 Aug 2019
61.	Invited lecture on “Design and Performance of Pumps, Cavitations and Surge Analysis” during the Workshop on Development Trends in Water Supply System for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB organized by HRDC, JNTUH, Hyderabad	08 May 2019
62.	Invited Lecture on “Effective Teaching Requirements” during the FDP on “Modern Teaching Learning Methods” jointly organized by UGC-HRDC, JNTUH and Ashoka Inst. of Engineering and Technology, T.S.	22 Apr 2019
63.	Invited lecture on “Design and Performance of Pumps, Cavitations and Surge Analysis” during the Workshop on Development Trends in Water Supply System for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB organized by HRDC, JNTUH, Hyderabad	07 Mar 2019
64.	Invited lecture on “Design and Performance of Pumps, Cavitations and Surge Analysis” during the Workshop on Development Trends in Water Supply System for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB organized by HRDC, JNTUH, Hyderabad	21 Feb 2019
65.	Invited lecture on “University Structure and Functionalities” during UGC sponsored Short Term Course on “Skill enhancement for non-teaching Staff” organised by UGC-HRDC, JNTUH Hyderabad	18 Feb 2019
66.	Invited lecture on “Introduction and Overview of the Orientation Programme” during the UGC sponsored “53 rd Orientation Programme” organised by UGC-HRDC, JNTUH Hyderabad	18 Feb 2019

67.	Invited lecture on “Design and Performance of Pumps, Cavitations and Surge Analysis” during the Workshop on Development Trends in Water Supply System for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB organized by HRDC, JNTUH, Hyderabad	05 Feb 2019
68.	Invited lecture on “Autonomy & Accountability in Higher Education Institutions” during the UGC workshop on Autonomy organized by MANUU, Hyderabad	4 Feb 2019
69.	Invited lecture on “Design and Performance of Pumps” during the Workshop on Development Trends in Water Supply System for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB organized by HRDC, JNTUH, Hyderabad	04 Jan 2019
70.	Invited lecture on “Research Methodology” during the UGC sponsored “52 nd Orientation Programme” organised by UGC-HRDC, JNTUH Hyderabad	14 Dec 2018
71.	Invited lecture on “Overview on Research Methodology” during UGC sponsored Short Term Course on “Research Methodology” organised by UGC-HRDC, JNTUH Hyderabad	26 Nov 2018
72.	Invited lecture on “Performance Based Appraisal System (API Score)” during the UGC sponsored “50 th Orientation Programme” organised by UGC-HRDC, JNTUH Hyderabad	02 July 2018
73.	Invited lecture on “Introduction and Overview of the Orientation Programme” during the UGC sponsored “50 th Orientation Programme”	04 June 2018
74.	Keynote lecture on “Water resources planning and management” during the international conference in Civil and Environmental engineering organised by the Research world, New York, USA	16 Nov 2018
75.	Key note lecture on “Integrated water management” during the FDP on Glimpses of world class innovations in the Realm of Civil Engineering organised by Ashoka Institute of Engineering & Technology, Hyderabad.	19 Jan 2018
76.	Invited lecture on “Integrated water Resources management” during the technical event “Stapathya-2017” organised by the department of civil Engineering, JNTUH College of Engineering, Kukatpally, Hyderabad.	21 Mar 2017
77.	Invited lecture on “Integrated Water Resources Management” at, Civil Engineering students carnation STAPATYA-17 & world water day celebrations at JNTUH CEH, Hyderabad.	22 Mar 2017
78.	Invited lecture on “Effective Water Conservation Practices for Sustainable Water Resources Management” at Institution of Engineers India(IEI), Hyderabad Centre.	15 May 2017
79.	Invited lecture on “Integrated Water Resources Management” at Nawab-Shah College of Engineering and Technology	12 Aug 2017
80.	Invited lecture on “Innovative Methods of Water Resources Management” at Malla Reddy Institute of Technology, Hyderabad	8 Sept 2017
81.	Invited lecture on “Innovative Practices for Water Conservation” at Sreenidhi Institute of Science and Technology, Ghatkesar, Hyderabad	15 Sept 2017
82.	Invited lecture on “ Sustainable Water Management” at Nawab-Shah College of Engineering and Technology, Hyderabad.	21 Sept 2017
83.	Invited talk on “Effective water-conservation practices for Sustainable water resources Management” during the Seminar on Sustainable	15 May 2017

	Water Management organised by the Institution of Engineers India, Telangana state centre, Hyderabad.	
84.	Invited lecture on “Effective Water Conservation” at international conference on Advances in Civil Engineering, GRIET, Hyderabad	15 Dec 2017
85.	Invited lecture on “Decision Support System for Integrated Water Resources Management” at National Conference on Sustainable Water and Environmental Management at CWR, JNTUH, Hyderabad	21 Dec 2017
86.	Invited speaker for the topic “Integrated Water Resource Management” at Nawab-shah Alam Khan College of Engineering & Technology, Hyderabad during the national conference on “Emerging Trends in Engineering & Technologies” (NCETET-2016).	17 Dec 2016
87.	Invited lecture on “Sustainable Development -Integrated Water Resources Management” during world water day celebrations organised by Institution of Engineers, Hyderabad.	23 Mar 2015
88.	Invited talk on “Effective Teaching practices and Evaluation Strategies (including API scores for teachers)” organised by BV Raju Institute of Technology for women.	17 Oct 2015
89.	Invited lecture on “Integrated water resources management” at the International conference on recent advances in Civil Engineering organized by department of Civil Engineering, ACE Engineering College, Hyderabad.	3 Jan 2014
90.	Invited lecture on “Integrated water resources management” organized by department of Civil Engineering, Mallareddy Engineering College (Autonomous), Hyderabad under Technical Education Quality Improvement Program (TEQIP)	25 Mar 2014
91.	Invited lecture on “Engineering entrance examinations in India and role of parents in preparation” organized by Integra Eduventure, Nagpur.	1 April 2014
92.	Invited lecture on “Research Methodology & How to make a publication” organized by Research and Development Cell, JNTU Kakinada.	5 May 2014
93.	Invited lecture on “Effective Teaching and Research Evaluation Strategies” for faculty development program organized by GITAM School of Technology, GITAM University, Hyderabad.	14 June 2014
94.	Invited lecture on “Water resources Assessment Planning and Management” for faculty development program on Applications of Geomatics for Disaster Management (AGDM - 2013).	30 Dec 2013
95.	Invited Lecture on “Water Resources Management” during the workshop & Lecture program on “Recent Trends in Building Construction and Maintenance” organised by the Chamber of Construction Industry, Colombo, Sri Lanka.	6 Jan 2011
96.	Invited lecture on “Irrigation water quality” during 3 rd International conference on Hydrology and Watershed Management organised by CWR IST JNTUH.	3 Feb 2010
97.	Invited lecture on “Climate Change and Water Resources” during the seminar on “Impact of Climate Change” organised by the Institution of Engineers (India), Hyderabad on	15 Sep 2009

98.	Invited lecture on “Rooftop water harvesting” during “Training on Rainwater Harvesting and Water Conservation Methodologies” organised by Center for Water Resources , IST,JNTUH.	29 Mar 2007
99.	Invited Lecture on “Water Resources Assessment” during a conference at Sri Venkateswara College of Engineering, Chittoor.	25 Jan 2007
100.	“Be a Winner- the secrets of success” at Institute of Science and Technology, JNTU, Hyderabad.	23 Aug 2005

101	“Be a Winner- the secrets of success” Civil Engineering Association, JNTUCEH, on Personality development.	3Mar 2005
102	Invited lecture on “Secrets of Success” at SRTIST, Nalgonda.	24 Dec 2004
103	Invited lecture on “Irrigation water Management” during the Induction training to the newly recruited AEEs of I& CAD Dept, organised by Water and Land Management training and research Institute (WALAMTARI), Himayatsagar, Hyderabad.	6 Sept 2004
104	Invited lecture on “Overview of Surface water Hydrology” during the refresher course on surface water Hydrology organised by State Groundwater Department, Govt. of A.P.	16 Sept 2002
105	Five Invited Lectures on “Boundary Layer flows” during the refresher course on advances in fluid dynamics and boundary layer flows organised by UGC Academic Staff College, JNTU, Hyderabad. 2002-05	30 Sept 2002
106	Five Invited Lectures on “Boundary Layer flows” during the refresher course on advances in fluid dynamics and boundary layer flows organised by UGC Academic Staff College, JNTU, Hyderabad. 2002-05	30 Sept 2002
107	Five Invited Lectures on “Boundary Layer flows” during the refresher course on advances in fluid dynamics and boundary layer flows organised by UGC Academic Staff College, JNTU, Hyderabad. 2002-05	30 Sept 2002
108	Invited lecture on “Seepage analysis in Earth dams” during the refresher course on surface water Hydrology for Civil engineering Graduates and Diploma holders of Groundwater department organised by State Groundwater Department, Govt. of A.P.	16 Feb 2000

XXI - Conferences/Workshops/Seminars/Training Programs Attended (50):

International:

1.	International Conference on Civil and Environmental Engineering (I2C2E) organised by Research world at New York, USA.	16 Nov 2018
2.	International Conference on Civil and Environmental Engineering (I2C2E) being held at Washington, D.C, USA.	22 June 2017
3.	American Society of Civil Engineers (ASCE) - Environment and Water Resources Institute (EWRI) Conference, West Palm Beach, Florida.	22 May 2016
4.	International Conference on Innovation in Engineering and Technology, NY , USA.	3 Aug 2015

5.	Third International Conference on “Earth Sciences & Climate change” organised by OMICS publishing Inc. San Francisco, California, USA,.	28 July 2014
6.	International conference on “Recent Advances in Design, Development and Operation of Micro Air Vehicles”, ICRAMAV 2013, organised by JNTUH.	21 Nov 2013
7.	International conference on “Recent Advances in Design, Development and Operation of Micro Air Vehicles”, ICRAMAV 2012, organised by JNTUH.	10 Dec 2012
8.	XIX <i>International Conference</i> on Water Resources, CMWR 2012, organized by University of Illinois at Urbana-Champaign.	15 Jun 2012
9.	3 rd International conference on Hydrology and Watershed Management organised by CWR IST JNTUH.	3 Feb 2010
10.	EWRI-AIT International Conference on “An International Perspective on Environmental and Water Resources” organised by AIT, Bangkok, Thailand.	5 Jan 2009
11.	International conference on “Water Resources Management”, organized by IASTED at Honolulu, Hawaii, USA.	20 Aug 2007
12.	“World Environment and Water Resources Congress 2006”, organised by world Environment & water Resources Institute (EWRI) of the American Society of Civil Engineers (ASCE), Omaha, Nebraska, USA.	21 May 2006
13.	2 nd International conference on “Hydrology and Watershed Management” with a focal theme on Improving Water Productivity in Agriculture organised by CWR IST JNTUH.	5 Dec 2006
14.	International Conference on Hydrology and water Resources management organised jointly by American Society of Civil Engineers (ASCE) and IIT, Kanpur.	21 Dec 2006
15.	International Conference on “Environment Management” (ICEM-2005), organised by IST, JNTUH.	28 Oct 2005
16.	International Conference on “Hydrology and watershed management” (ICHWAM 2002) organized by Center for water Resources, IPGSR, JNTU, Hyderabad.	18 Dec 2002

National:

1.	National conference on “Water, Environment and Society- (NWES-18) organised by Centre for Water resources, IST, JNTUH	04 – 06 June 2018
2.	Workshop on “Outcome based Accreditation Phase I (Webinar)” organised by NBA nodal centre, JNTUHCEH, Hyderabad.	03 Feb 2014
3.	National workshop on Solar Pumps in Rural water supply, organized by Engineering staff college of India, ESCI Campus, Hyderabad.	10 July 2014
4.	Faculty development program on “Applications of Geomatics for Disaster Management (AGDM-2013)” organized by Institute of Science and Technology, JNTUH.	30 Dec 2013 to 11 Jan 2014

5.	National Conference on Water, Environment & Society (NCWES 2014) organized by Centre of water & resources, Institute of Science and Technology, JNTUH.	30 June & 1 July 2014
6.	National conference on “Sustainable Water Resources Planning, Management and Impact of Climate Change”, organised by Centre of Excellence in water resources management, Department of Civil Engineering, Birla Institute of Technology & science , Hyderabad.	5 April 2013
7.	“Quality initiatives in Technical & Higher Educational institutions (in compliance with NBA & NAAC Accreditation)” organized by Engineering staff college of India, ESCI Campus, Hyderabad.	16 Sept 2013
8.	Conference on: Education and Training to build human resources to address Climate Change and energy issues.” Organised by SaciWaters, Hyderabad.	3 May 2013
9.	High Rise Constructions, JNTUHCEH, Hyd.	22 May 2009
10.	Management and system capacity building programme, Indian School of Business.	5 -9 May 2008
11.	Round table conference on Draft Engineers Bill, organised by the Institution of Engineers (India) Andhra Pradesh state centre, Hyderabad.	15 June 2008
12.	Conference on Soft Computing Applications in Water Resources & Environmental Engineering (NC-SCAWREE - 2007), College of Engineering, Osmania University, Hyderabad.	14 Dec 2007
13.	Water Resources Management, WRM 2007.	20 Aug 2007
14.	National conference on Watershed Management and Impact of Environmental Changes on Water Resources (WMEC-2007), JNTUH.	22 Feb 2007
15.	Training on “Systems Management Capacity Development for Nodal officers” organised by NPIU under Technical Education Quality Improvement Programme, Puri, Orissa.	15 Feb 2006
16.	National conference on “Geomatics for Rural Development- Achieving synergy between technical and social systems”, organised by NIRD and JNTU.	5 June 2006
17.	Workshop on Watershed management and impact of environmental changes on Water Resources, JNTUCEH, JNTUH.	20 Sep 2006
18.	Decision support system for water resources planning, National Institute of Hydrology, Roorkee.	19 Sept 2005
19.	National workshop on Self Compacting Concrete, organized by department of Civil Engg. JNTU College of Engg. (Under TEQIP).	10 Sept 2005
20.	Workshop on GPS Technologies and its applications, organized by Institute of Science and Technology, JNT University.	14 Sept 2005
21.	Training course on “Decision Support system for water resources	19 Sep 2005

	Planning” organised by National institute of Hydrology, Roorkee.	
22.	Workshop on Space Technology Applications, SIT, JNTUH.	18 May 2005
23.	National Conference on Advanced Modelling Techniques for Sustainable Management of Water Resources (AMTSMW-2004), NIT, WARANGAL.	28 Jan 2004
24.	Conference on Water Resources Development and Management Practices (WARM-2004) organised by MVSR College of Engineering, Nadargul, Hyderabad.	27 Feb 2004
25.	Refresher course on Computer Applications in Civil Engineering” organised by UGC-ASC, JNTU, Hyderabad.	13 Nov – 03 Dec 2002
26.	Computer Applications in Civil Engineering, UGC, JNTUH, Hyd.	13 Nov 2002 to 3 Dec 2002
27.	Short term course on “Remote Sensing and GIS for Environmental Management”, organised by Centre for Environment, IPGSR, JNTU.	10 Feb.- 10 March 2000
28.	Refresher Course on Surface Water Hydrology, Govt. of A.P., Ground water dept.	14 Feb 2000
29.	National Seminar on “Water Resources management for Sustainable Development” organised by Water Technology Centre, Dept. of CE, SVUniversity, Tirupathi.	12 Mar 1999
30.	QIP short term training programme on “Computer Graphics and Applications in Mechanical Engineering” organised by Vasavi College of Engineering, Hyderabad,.	2 Mar 1998
31.	Two week course on “Remote Sensing, Digital Image Processing & GIS” organised by NRSA, Hyderabad.	5 Oct 1998
32.	Four week “Orientation course” organised by Academic Staff College, University of Hyderabad.	29 Jun-25 Jul 1998
33.	Four week interdisciplinary winter school on “Computer Software” organised by ISTE Chapter, JNTU, Ananthapur.	21 Jan - 17 Feb 1993
34.	Four week training course on “Remote Sensing Applications to water resources”, organised by National Natural Resources Management System and National Remote Sensing Agency, Dept. of Space.	4-29 Oct 1993

XXII - Conferences/Seminars Organised (85):

1.	NEP-2020 Implementation Plan: Promotion of Indian Knowledge Systems	26 Nov. 2022
2.	NEP-2020 Implementation Plan: Changing Role of Teachers	6 Sept 2022
3.	NEP-2020 Implementation Plan: Technology Use and Integration	3 Sept. 2022
4.	NEP-2020 Implementation Plan: Equity and Inclusion	2 July 2022
5.	NEP-2020 Implementation Plan: Academic Research Integrity in the Context of NEP-2020	30 June 2022
6.	NEP-2020 Implementation Plan: Multiple Entry and Exit System	29 June 2022

7.	NEP-2020 Implementation Plan: Outcome Based Education and Academic Bank of credits	26 June 2022
8.	NEP-2020 Implementation Plan: Multidisciplinary and Holistic Education	18 June 2022
9.	UGC Sponsored online Short Term Course on “E-Content Development and Online Pedagogy”	31 Oct to 5 Nov 2022
10.	UGC Sponsored Faculty Induction Programme-10	22 Aug - 22 Sept 2022
11.	UGC Sponsored Faculty Induction Programme-9	23 May -22 Jun 2022
12.	UGC Sponsored online Short Term Course on “Research Methodology”	24 Jan – 31 Jan 2022
13.	UGC Sponsored Faculty Induction Programme-8	24 Jan – 28 Feb 2022
14.	UGC Sponsored online Short Term Course on “E-Content Development and Online Pedagogy”	13 Dec – 18 Dec 2021
15.	Workshop on “AICTE Quality Initiatives and Funding Opportunities”	29 Oct 2021
16.	UGC Sponsored Faculty Induction Programme-7	25 Oct – 01 Sec 2021
17.	UGC Sponsored Faculty Induction Programme-6	30 Aug – 08 Oct 2021
18.	UGC Sponsored Faculty Induction Programme-5	12 Jul – 18 Aug 2021
19.	JNTUH Sponsored Faculty Induction Programme	28 Jun – 04 Aug 2021
20.	UGC Sponsored Faculty Induction Programme-4	10 Feb – 19 Feb 2021
21.	One Day Online Workshop on "National Institutional Ranking Framework (NIRF) for Higher Educational Institutions"	06th February 2021.
22.	One Day Workshop on "Role of Technical Institutions to Adapt the National Education Policy - 2020".	30th January 2021
23.	UGC Sponsored Online Short-term Course on “Effective Academic Administration”	04 Jan – 08 Jan 2021
24.	UGC Sponsored Faculty Induction Programme-3	02 Nov – 08 Dec 2020
25.	UGC Sponsored Faculty Induction Programme-II	21 Sept – 29 Oct 2020
26.	UGC Sponsored Faculty Induction Programme-I	03 Aug – 10 Sept 2020
27.	Webinar on “Prospects and Challenges of Engineering Graduates Post COVID”	05 Aug 2020
28.	UGC Sponsored Online Short Term Course on “Outcome Based Education – Curriculum Design, Teaching Learning and Assessment Strategies”	21 Jul - 27 Jul 2020
29.	UGC Sponsored Online Short Term Course on “MOOCs, e-Content Development and OERs”	13 Jul – 18 Jul 2020
30.	Webinar on “NAAC Assessment and Accreditation Process”	03 Jul 2020
31.	UGC Sponsored Online Short Term Course on “Human Values and Ethics”	26 May –28 May 2020
32.	UGC Sponsored Online Short Term Course on “Online Tools and Software for Remote Teaching & Learning”	16 May - 18 May 2020
33.	UGC Sponsored Online Workshop on “Online Tools and Software for Remote Teaching & Learning”	25 Apr – 25 Apr 2020

34.	National Workshop on “Outcome Based Education” under TEQIP-III of JNTUH	05 Mar – 07 Mar 2020
35.	UGC Sponsored Short Term Course on “MOOCs, e-Content Development and Open Educational Resources”	10 Feb – 12 Feb 2020
36.	AICTE- JNTUH Joint STTP “Hydraulics and Hydraulic Machines”	27 Jan – 31 Jan 2020
37.	UGC Sponsored Short Term Course on “Disaster Management”	20 Jan – 25 Jan 2020
38.	UGC Sponsored 57 th Orientation programme by UGC-HRDC, JNTUH	20 Jan - 08 Feb 2020
39.	UGC sponsored Short Term Course on “e-Learning a Tools and Techniques for Effective Teaching”	06 Jan – 08 Jan 2020
40.	UGC sponsored Short Term Course on “Skill Enhancement for Non-Teaching Staff”	09 Dec – 11 Dec 2019
41.	UGC Sponsored Short Term Course on “Technology Enhanced Learning for Academic Administrators – HoDs”	18 Nov – 20 Nov 2019
42.	UGC Sponsored Refresher Course on “Research Methodology”	14 Oct - 26 Oct 2019
43.	National Workshop on AICTE Mandate – Examination Reforms – Outcome Based Teaching, Learning & Assessment Strategies	25 Sept– 27 Sept 2019
44.	Principal’s Meet – Challenges of Academic Administration in 21 st Century	27 Sept 2019
45.	UGC Sponsored 56 th Orientation programme by UGC-HRDC, JNTUH	05 Aug – 29 Aug 2019
46.	National Workshop on “Impact of Autonomy in Higher Educational Institutions” under TEQIP-III of JNTUH	27 Jul 2019
47.	UGC Sponsored 55 th Orientation programme by UGC-HRDC, JNTUH	08 Jul – 27 Jul 2019
48.	Training Programme on “Development Trends in Water Supply System” for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB	08 May –09 May 2019
49.	Faculty Development Programme on “Modern Teaching learning Methods” at Ashoka Institute of Engineering & Technology, Toopranpet	22 Apr – 27 Apr 2019
50.	UGC Sponsored 54 th Orientation programme by UGC-HRDC, JNTUH	13 May – 01 Jun 2019
51.	UGC Sponsored 53 rd Orientation programme by UGC-HRDC, JNTUH	18 Feb – 16 Mar 2019
52.	Training Programme on “GIS and its applications in Water Supply and Sewage System” for the Engineers from HMWSSB	11 Mar – 16 Mar 2019
53.	Training Programme on “Development Trends in Water Supply System” for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB	07 Mar – 08 Mar 2019
54.	Training Programme on “Development Trends in Water Supply System” for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB	21 Feb – 22 Feb 2019
55.	UGC Sponsored Short Term Course on “Skill Enhancement for Non-Teaching Staff”	18 Feb – 23 Feb 2019
56.	Training Programme on “Development Trends in Water Supply System” for Dy. General Manager’s (E) & Manager’s (E) from HMWSSB	04 Feb – 05 Feb 2019
57.	Training Programme on “Development Trends in Water Supply System”	04 Jan – 05 Jan 2019

	for Dy. General Manager's (E) & Manager's (E) from HMWSSB	
58.	UGC Sponsored Short Term Course on "MOOCs, e-Content Development and Open Educational Resources"	03 Jan – 08 Jan 2019
59.	UGC sponsored Short Term Course on "Research Methodology"	26 Nov – 01 Dec 2018
60.	UGC Sponsored 52 nd Orientation programme by UGC-HRDC, JNTUH	26 Nov – 22 Dec 2018
61.	TEQIP-III Sponsored Orientation programme-1 by UGC-HRDC	20 Aug – 01 Sep 2018
62.	UGC Sponsored 51 st Orientation programme by UGC-HRDC, JNTUH	20 Aug – 19 Sep 2018
63.	Principal's Meet - Recent Advances in Higher & Technical Education by UGC-HRDC	09 Aug 2018
64.	UGC Sponsored Short Term Course on "e-Learning and ICT for Teaching and Learning"	30 Jul – 04 Aug. 2018
65.	Workshop on "Outcome Based Education" at Sphoorthy Engineering College, Nadergul	18 Jun – 23 Jun 2018
66.	UGC Sponsored 50 th Orientation programme by UGC-HRDC, JNTUH	04 Jun – 02 Jul 2018
67.	Faculty Development Program on MOOCs & OERs	5-7 Jan 2018
68.	Co-chairman for the international conference on "Recent Advances in Design, Development and Operation of Micro Air Vehicles", ICRAMAV-2013.	9 -11 Sept 2013
69.	Organizing secretary "Recent Advances in Design, Development and Operation of Micro Air Vehicles", ICRAMAV-2012.	09-11 Nov 2012
70.	Member Organizing committee, Technical Symposium Vignan's Praudhyogiki-2K12, organised by Vignan's Institute of Technology & Aeronautical Engineering.	17 Aug 2012
71.	Workshop on Human values and Professional ethics for the Principals of the affiliated colleges under JNTUH.	18-21 Aug 2012
72.	Workshop on Human values and Professional ethics for the managements of affiliated colleges	5-6 April 2012
73.	Organising Secretary for the National workshop on "Mechanization in High rise Construction", Dept. of Civil Engineering, JNTUH College of Engineering.	22-23 May 2009
74.	Event Advisor, STAPATYA-2009, A national student level convention of Civil Engineering, organized.	20-21 Feb 2009
75.	Convener, Two day National Conference on Watershed Management and Effect of Environmental Changes, organized jointly by Department of Civil Engineering and IST, JNTU.	22-23 Feb 2007
76.	Convener, Two day National workshop on Watershed Management and Effect of Environmental Changes, organized jointly by Department of Civil Engineering and IST, JNTU.	20-21 Sept 2006
77.	Convener, STAPATYA-2006, A national student level convention of Civil	17-18 Feb 2006

	Engineering, organized.	
78.	Coordinator, one day National workshop on Fluid Dynamics and Boundary layer concepts.	30 Sept 2005
79.	Convener, one-month Entrepreneurship development program for unemployed women's.	4 Oct 2005
80.	Convener, one-week Personality Development program for Administrative Staff of JNTUH.	26 Sept – 1 Oct 2005
81.	Convener, STAPATYA-2005, A national student level convention of Civil Engineering, organized.	14-15 Feb 2005
82.	Member of Organizing Committee for the International conference on "Hydrology and Water Resources Management", organized by Center for Water Resources, JNTU, Hyderabad.	18-20 Dec 2002
83.	Member of Organizing Committee for the Workshop on "Watershed management – problems and prospects", organized by Center for Water Resources, JNTU, Hyderabad.	9 Aug 1998
84.	Member of Organizing Committee for the National Conference on "Emerging Trends in the development of sustainable groundwater sources", organized by Center for Water Resources, JNTU, Hyderabad.	12-13 Aug 1997
85.	Member of Organizing Committee for the National Conference on "Hydrology and water resources", organized by department of Civil Engineering, JNTU College of Engineering, Hyderabad.	14-15 May 1996

XXIII - Technical Sessions Chaired (11):

1.	Chaired a technical session on hydro environment during the international conference HYDRO-2019 organised by Osmania University, Hyderabad.	18-20 Dec 2019
2.	Chaired a technical session on Water management during the international conference ICEITEMS-2019 organised by Malla Reddy Institute of Technology, Hyderabad	8-9 Nov 2019
3.	Chaired a Technical session for the International Conference on Civil and Environmental engineering organised by the Research World, New York, USA	17 Nov 2018
4.	Chaired a Technical session for International Conference on Recent Advances in Civil Engineering at Aurora Engineering College, Hyderabad	21 Dec 2017
5.	Chaired a technical session on theme water Resources during the technical event "Stapathya-2017" organised by the department of civil Engineering, JNTUH College of Engineering, Kukatpally, Hyderabad.	21 Mar 2017
6.	Chaired a technical session in the national conference on "Emerging Trends in Engineering & Technologies" (NCETET-2016) organised by	17 Dec 2016

	Nawab-shah Alam Khan College of Engineering & Technology, Hyderabad.	
7.	Chaired a technical session on theme water Resources during the technical event “Stapathya-2016” organised by the department of civil Engineering, JNTUH College of Engineering, Kukatpally, Hyderabad.	15 Feb 2016
8.	Chaired a technical session on theme water Resources during the technical event “Stapathya-2015” organised by the department of civil Engineering, JNTUH College of Engineering, Kukatpally, Hyderabad.	20 Feb 2015
9.	Chaired a technical session on theme water Resources during the technical event “Stapathya-2009” organised by the department of civil Engineering, JNTUH College of Engineering, Kukatpally, Hyderabad.	20 Feb 2009
10.	Chaired a technical session on theme water Resources during the technical event “Stapathya-2009” organised by the department of civil Engineering, JNTUH College of Engineering, Kukatpally, Hyderabad.	20 Feb 2009
11.	Chaired a technical session on GPS Technology and Applications in the national workshop, organized by Institute of Science and Technology, JNT University.	14 Sept 2005

XXIV - Reviewer of Technical journals:

Journal of the Institution of Engineers (India), Civil Engineering Division
Journal of the Indian Society of Remote Sensing,
Journal of spatial Hydrology
Journal of Applied Engineering and Research
Technology Spectrum Journal , JNTUH

XXV -Member of Evaluation of Committees

External examiner for Ph.D. dissertations at JNTU, Hyderabad and SVU Tirupati

External examiner for M.Tech dissertations at NIT, Warangal

External examiner for M.Tech dissertations at AU, Visakhapatnam

External examiner for M.Tech dissertations at OU, Hyderabad

External examiner for B.Tech at JNTU (Autonomous),Kakinada,

External examiner for B.Tech at BEC, Bapatla,

External examiner for B.Tech at CBIT, Hyderabad

XXVI - Application of Research Work:

The title of the research work carried out is "OPTIMAL WATER MANAGEMENT STUDIES UNDER VARIABLE INFLOW CONDITIONS IN LOWER KRISHNA BASIN". The study deals with the optimal utilization of surface and ground water resources subject to the quality consideration in the lower Krishna Basin of Andhra Pradesh. The lower Krishna basin consists of three main projects in A.P, viz. Prakasham Barrage, Nagarjuna Sagar project and Srisailem project.

Objectives of the work:

- To examine the quality of ground water and surface water in three divisions of the Krishna Delta for its use in Irrigation.
- To consider a proper mix of ground water and surface water in their conjunctive use for the Krishna Delta irrigating system.
- To achieve optimal surface and ground water utilizations.
- To allocate irrigated areas for different crops with only surface water utilization.
- To determine the possible conservation of storage at the Nagarjuna Sagar reservoir.
- To propose the utilization of this conserved storage in different command areas of Srisailem project.
- To compare water utilization with surface water only and with conjunctive utilization.
- To computer the possible hydropower generations with the variability of inflow into different reservoirs and main canals for all inflow conditions.

An LPP model maximizing the net benefit from irrigation subject to resource, operational and management restrictions has been formulated. The utilizations of water are compared when only surface water is used and when conjunctive utilization is adopted with variability of inflows. The possible conservation of storages are worked out. Based on the diversions, the hydropower generations at Nagarjuna Sagar and Srisailem project are completed.

XXVII - List of Research Publications:**International Journals (65)**

1.	S.Venkat Charyulu, Dr.G.K Viswanadh “Runoff volume model for Godavari sub-basin using HEC-RAS software” Modeling Earth Systems and Environment 8(18):1-13, Scopus Journal, DOI: 10.1007/s40808-021-01311-4 , 2021-10-26. pp1-13 2363-6203, 2363-6211, September 2022
2.	S. Venkat Charyulu, Dr.G.K Viswanadh “Analysis of Ground Water Quality Near Reservoir basin” Science, Technology And Development Journal, An UGC CARE APPROVED GROUP - II MULTIDISCIPLINARY JOURNAL, ISSN 0950-0707 , VOLUME XI ,ISSUE II,pp. 232-242,(2-2022, DOI:21.18001.STD.2022.V11I02.22.352727.
3.	B. Venkat Rao, K. Sunanda, Mallika Alapati, G.K. Vishwnadh “Structural Optimization of steel plate shear wall with different perforation configurations and locations” Procs. of Journal of Materials Today, Science Direct, https://dio.org/10.1016/j.matpr.2022.04.369
4.	S. VenkatCharyulu, Dr. G.K. Viswanadh “ Flood and Drought Analysis of Godavari Sub Basin Based on Precipitation Index” Procs. of Turkish Journal of Computer and mathematics Education, Vol. 12 No.9, (2021), 1195-1207
5.	Ashok Kadaverugu, Rakesh Kadaverugu, Nageshwar Rao Ch, Viswanadh GK, (2021) “Impacts of urban floods on road connectivity and systematic bibliometric analysis” Modeling Earth Systems and Environment, Springer journal with ISSN: 2363-6203.
6.	Ashok Kadaverugu, Rakesh Kadaverugu, Nageshwar Rao Ch, Viswanadh GK(2020) “Prioritization of urban sub-watersheds for flash flood mitigation planning using InVEST and AHP”, Journal of Natural Hazards, Springer Nature Switzerland AG 2020. ISSN: 1573-0840
7.	B. Venkat Rao, T. Manasa Lakshmi Mallika Alapati, G.K. Viswanath (2020) “Study on Optimum Location of Outrigger in Outrigger System for High Rise Building” Springer Nature Pvt Ltd., 2020
8.	Ashok Kadaverugu, Ch Nageshwar Rao, G. K. Viswanadh (2020) “Quantification of flood mitigation services by urban green spaces using InVEST model: a case study of Hyderabad city, India” (DOI: 10.1007/s40808-020-00937-0),Modeling Earth Systems and Environment, Springer journal with ISSN: 2363-6203
9.	B. Venkat Rao, T Subrahmanyeswar Rao, Mallika Alapati, G.K. Viswanath (2020), “Study on Optimization of High Rise Building With Perforated Steel Plate Shear Walls”Seybold Journal , 2020.
10.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K., (May, 2018) “ Daily River flow Modeling Using Artificial Neural Networks”, International Journal of Emerging Technology and Advanced Engineering, Volume 8, Special Issue 5, 201- 206.
11.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K., (May, 2018) “Performance Evaluation of Daily Sediment Yield Transport Model Using Artificial Neural Networks”, International Journal of Emerging Technology and Advanced Engineering, Volume 8, Special Issue 5, 207- 211.
12.	Subrahmanya Kumar, C.S.V., Viswanadh, G.K., Ramesh Kumar, S. & Jyothi Sree.P., (May, 2018) “Assessment and Evaluation of Groundwater Quality due to Landfill

	Leachate Using Fuzzy Logic”, International Journal of Emerging Technology and Advanced Engineering, Volume 8, Special Issue 5, 212- 217.
13.	Subrahmanya Kumar, C.S.V., & Viswanadh, G.K. (March, 2018) “Development of Sediment Transport Model Using Artificial Neural Networks”, Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 3, 274- 280. http://doi.one/10.1729/IJCRT.17757
14.	M. Visweswara Rao and G.K.Viswanadh, (2017) “Trap efficiency of Almatti reservoir in Krishna basin” International journal of latest trends in Engineering and Technology(IJET); Vol. 8 , issue1.
15.	M. Visweswara Rao and G.K.Viswanadh, (2017) “Effect of sedimentation on reservoir operation” International journal of Advanced scientific technologies in engineering and management sciences; Vol. 3 issue.
16.	M. Visweswara Rao and G.K.Viswanadh, (2017) “Determination of net flows into Almatti reservoir from CWC gauge data and reservoir data”, International journal of Civil Engineering and Technology(IJCET), Vol. 8 issue2.
17.	Giridhar M.V.S.S, Chandra Bose A.S and G.K.Viswanadh, (2017) "Assessment of Meteorological Drought Using Spatial Information Technology" International Education and Research Journal - IERJ (E-ISSN: 2454-9916).
18.	Subrahmanya Kumar, C.S.V. & Viswanadh G.K. (July, 2017) “Performance Evaluation of Neural Networks in Daily Streamflow Forecasting”, Journal of Emerging Technologies and Innovative Research, Volume 4, Issue 7, 177- 183. http://doi.one/10.1729/IJCRT.17756
19.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K. (March, 2017) “Rainfall Runoff Relationship Using Neural Networks and Fuzzy Logic”, Journal of Emerging Technologies and Innovative Research, Volume 4, Issue 3, 212- 220. http://doi.one/10.1729/IJCRT.17755
20.	Ch.V.S.S.Sudheer, G.K.Viswanadh, G.Venkataramana (2017), “Comparative Study On Estimation Of Various Evapotranspiration Techniques With Penman-Monteith Method”, International Journal of Civil Engineering and Technology (IJCET) , Volume 8, Issue 8, August 2017, pp. 677–685, Article ID: IJCET_08_08_068 Available online at http://http://www.iaeme.com/ijciet/issues.asp?JType=IJCET&VType=8&IType=8 ISSN Print: 0976-6308 and ISSN Online: 0976-6316
21.	Subrahmanya Kumar, C.S.V. & Viswanadh G.K. (Feb, 2017) “Study of Performance of Daily Rainfall- Runoff Model Using Neural Networks”, International Journal of Creative Research Thoughts, Volume 5, Issue 1, 2393- 2402. http://doi.one/10.1729/IJCRT.17698
22.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K. (August, 2016) “Application of Fuzzy Logic to Saline Water Intrusion into Coastal Aquifers”, International Journal of Creative Research Thoughts, Volume 4, Issue 3, 503- 507. http://doi.one/10.1729/IJCRT.17256
23.	M. Mohan Babu, G.K.Viswanadh & V.Varalakshmi, (2014) “Ground Water Modelling of Nellore Coastal Zone” International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development (IJCSEIERD) ISSN(P): 2249-6866; ISSN(E): 2249-7978 Vol. 4, Issue 1, pp.101-110.

24.	G Venkatramana, B. Rajasekhar and G.K.Viswanadh,(2014), “Professional drinking water supply with Supervisory Control And Data Acquisition (SCADA) system”, International Journal of Advances in Computer Science and Technology (IJACST), Vol.3 , No.1, Pages : 01-10, Special Issue of ICACSET-2014.
25.	Rajkumar V. Raikar, Shiva Reddy M.S. and G.K. Viswanadh, (2014) “Computation of Normal and Critical Depths in Modified Horseshoe Shaped Conduits” Organized by Academic Proceedings in Engineering Science.
26.	Andal Mudimby, M. Chandrasekhar, G.K.Viswanadh, (2013) “Hydraulic Conductivity of GCL with Bentonite – Silica Fume Matrix” , Journal of Urban and Environmental Engineering, vol.6, n.2, p.109-112, (ISSN 1982-3932).
27.	Srinivasa Prasad, A., N V Umamahesh and G.K.Viswanadh, (2013) "Short-Term Real-Time Reservoir Operation for Irrigation", Journal of Water Resources Planning and Management, ASCE, 139(2), pp 149-158.
28.	M. Mohan Babu, G.K.Viswanadh&S.Venkateswara Rao, (2013) “Assessment of Saltwater Intrusion Along Coastal Areas of Nellore District, A.P” International Journal of Scientific & Engineering Research (IJSER), Volume 4, Issue 7, (ISSN 2229-5518).
29.	M. Mohan Babu & G.K.Viswanadh, (2013) “Hydrochemical Studies along Coastal Areas of Nellore District, Andhra Pradesh” International Journal of Engineering and Advanced Technology (IJEAT), Volume-2 Issue-5. (ISSN: 2249-8958).
30.	Srinivasa Prasad, A., N V Umamahesh, G.K.Viswanadh and P.Srinivas, (2013)“Optimal annual allocation model of large storage based irrigation project by multi-level approach”, ISH journal of Hydraulic Engineering, Taylor and Francis.
31.	G.Venkatramana, G. K.Viswanadh, N. C. Gautam (2013) “Rainfall and Runoff Process Using By Overland Time of Concentration Model and GIS Modules” International Journal of Engineering Sciences & ResearchTechnology IJESRT http:// www.ijesrt.com ISSN: 2277
32.	Giridhar M.V.S.S, Chandra Bose A.S and G.K.Viswanadh, (2013) “Identification of Suitable Locations for Rooftop Rainwater Harvesting Structures”, Volume: 2, Issue:2, , PP: 101-106. (ISSN: 0973-4562). International Journal of Applied Science and Engineering Research
33.	Sridhar.P, Chandra Bose A.S, Giridhar M.V.S.S and G.K.Viswanadh, (2012) “Prioritization of miniwatershed based on morphometric analysis using GIS” International Journal of Geomatics and Geosciences, Vol 3, No:2, 2012 pp:314-320. (ISSN: 0976-4380).
34.	A.S.Chandra Bose, P.Sridhar, Giridhar M.V.S.S and G.K.Viswanadh (2012) “Morphometric Analysis at Mini Watershed Level Using GIS” International Journal of Civil Engineering Research, ISSN 2278-3652 Volume 3, Number 3 (2012), pp. 157-171 (ISSN: 2278-3652).
35.	Andal Mudimby, M.Chandrasekhar, G.K.Viswanadh, (2012) “Sulphate ion Diffusion in Modified Geosynthetic Clay Liners”, International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.co ,ISSN 2250-2459, Volume 2, Issue 7.
36.	A.S. Chandra Bose, G.K.Viswanadh and Giridhar M.V.S.S., (2012) “Applications of Geomatics for Computation of Watershed Parameters”, International Journal of Geomatics and Geosciences, Vol.2,No:3, pp:770-786.
37.	Anil.P and G.K.Viswanadh, (2012) “Developing a GIS Model and Identification of

	rainwater harvesting structures using Geomatic approach - A Case study of Hyderabad” International Journal of Water Resources and environmental Management Volume 3. Number 1, ISSN : 2229-5933.
38.	Andal Mudimby, M.Chandrasekhar, G.K.Viswanadh, (2012) “Diffusion Characteristics of Geosynthetic Clay Liners Amended with Partial Replacement of Bentonite by Flyash”, Textiles and Light Industrial Science and Technology, Vo l. 1 Iss. 2, PP. 20-23.
39.	Indira Priyadarsini, Giridhar M.V.S.S, G.K.Viswanadh, Smt. M. Arathi and A.S. Chandra Bose, (2012) “Development of Spatial Analyst toolbar in ArcGIS” International Journal of advances in Remote Sensing and GIS, Vol 1 Issue:1, PP:25-30 (ISSN: 2277-9051).
40.	Sridhar.P, Chandra Bose A.S, Giridhar M.V.S.S and G.K.Viswanadh, (2012) “Prioritization of mini-watershed based on morphometric analysis using GIS” International Journal of Geomatics and Geosciences, Vol 3, No:2, pp:314-320, (ISSN: 0976-4380).
41.	B.J.S.Varaprasad& G.K.Viswanadh, (2012) “A study on Scale formation in Water Distribution Systems” International Journal of Water Resources and Environmental Management(IJWREM) (ISSN 2229-5933), Vol.3,No.1, pp.129-136.
42.	Andal Mudimby, M. Chandrasekhar, G. K. Viswanadh, (2011) “Hydraulic Conductivity of Ameliorated Geosynthetic Clay Liners” EJGE, vol. 16, Bund. O, pp 1362-1368.
43.	B.J.S.Varaprasad& G.K.Viswanadh, (2011) “Investigations on Thickness of Deposits in PVC Pipes” International Journal of Civil Engineering (IJCE) (ISSN 0975-5314) Vol.3,No.1, pp.53-61.
44.	B.J.S.Varaprasad& G.K.Viswanadh, (2011) “Artificial Neural Network model for estimation of deposits formation in PVC pipes”, International Journal of Neural Networks and Applications(IJNNA) (ISSN 0974-6048), Vol.4,No.2, pp.83-87.
45.	Md. NaziaFirdouse, Giridhar M.V.S.S., S. Durga Bhavani, G.K.Viswanadh and A.S.Chandra Bose, (2011) “Development of Web-GIS Based College Information System”, International Journal of Applied Engineering Research Dindigal, Vol.2.No.2, pp:570-577.
46.	P.Sridhar, A.S.Chandra Bose, Giridhar M.V.S.S and G.K.Viswanadh, (2011) “Watershed Delineation and Stream Network analysis using GIS” International Journal of Watershed Engineering (IJWE), Vol.1, Issue 1, PP 1-13. (ISSN: 9999-0015).
47.	Anil P and G.K.Viswanadh, (2011) ”Rooftop harvesting A Case study for Rangareddy District A.P” International Journal of Civil Engineering 3(1); pp.25-32.
48.	Rajkumar V. Raikar, Shiva Reddy M S and G.K.Viswanadh, (2010) “Normal and Critical Depth computations for egg-shaped conduit sections”, ELSEVIER Journal of Flow Measurement and Instrumentation, Vol.21, Issue 3, pp.367-372.
49.	Chandra Bose A.S. and G.K.Viswanadh (2009) “Analysis of Meteorological Drought using GIS”, International Journal of Environmental Management, Serial Publications, New Delhi.
50.	A.S.Chandra Bose and G.K.Viswanadh, (2009) “Watershed Characterization using RS and GIS”, Research Journal of Engineering and Technology. VOL 1, ISSUE 3, ISBN 0974-2824.

51.	Subramanya Kumar and G.K.Viswanadh, (2009) "Application of Fuzzy Logic to Saline Water Intrusion into Coastal Aquifers" Journal of the Defence Engineering College, Debre- Zeit, Ethiopia, pp 39-46, Vol. 4, No.1.
52.	Subramanya Kumar and G.K.Viswanadh, (2009) "Performance Evaluation of Rainfall- Runoff Modeling using Artificial Neural Networks" International Journal of Scientific computing, Vol3, No.2.
53.	Subramanya Kumar and G.K.Viswanadh(2008) "Artificial Neural Network Approach for Reservoir Stage Prediction" International Journal of Applied Mathematical Analysis and Applications, Vol 3, No.1, pp 13- 19.
54.	M. S. Shiva Reddy, and G.K.Viswanadh, (2008) "Hydraulic Exponents for a D-shaped Tunnel Section", International Journal of Applied Engineering Research, Vol. 3, No.8, pp. 1019-1028.
55.	Giridhar.M.V.S.S., G.K.Viswanadh and S.K.C.Acharyulu(2008) "Geomatics applications for landuse land cover at micro level" International Journal of Environment and Development, Vol.5 No.2.
56.	Prasad. A.S., Uma Mahesh.N.V and G.K.Viswanadh, (2008) "Optimal Irrigation Planning Model for an Existing Storage Based Irrigation System in India", International Journal of Irrigation and Drainage, ASCE.
57.	Subramanya Kumar and G.K.Viswanadh (2007) "Fuzzy Computing Technique for Rainfall-Runoff Modeling" International Journal of Computational Intelligence Research & Applications, Vol.1, No.1, pp 23-32.
58.	Subramanya Kumar and G.K.Viswanadh (2007) "Artificial Neural Network Modeling of the Rainfall-Runoff Process" International Journal of Computational Intelligence Research & Applications, Vol.1, No.1, pp 45-50.
59.	Giridhar.M.V.S.S., and G.K.Viswanadh, (2007) "Development of Semi Distributed Conceptual Rainfall-Runoff Model for a Semi Arid Area", International journal of Tropical Agriculture, Vol 25.no:3-4.
60.	Giridhar. M.V.S.S. and G.K.Viswanadh (2007) "Performance Evaluation of ETo Equations for Palleru Sub Basin of River Krishna, India" J. Current Sciences 10(1):09-18.
61.	Giridhar.M.V.S.S., and G.K.Viswanadh, (2007) "Evaluation of Watershed Parameters using RS and GIS" International journal of Tropical Agriculture, Vol.25.
62.	Giridhar.M.V.S.S., and G.K.Viswanadh, (2007) "Evaluation of radiation based RET equations for Palleru sub basin, A.P., India" International Journal of Computer Science & System Analysis, Vol.1 No.2.
63.	Giridhar. M.V.S.S., and G.K.Viswanadh (2007) "Comparison of Radiation Based Reference Evapotranspiration Equations with FAO-56 Penman Monteith Method" International Journal of Computer Science and System Analysis 1(2), pp. 149-158. (ISSN: 0973-7448).
64.	Prasad. A.S., Umamahesh.N.V and G.K.Viswanadh, (2006) "Optimal Irrigation planning under Water Scarcity", International Journal of Irrigation and Drainage, ASCE, vol. 132, issue 3, pp 228-237.
65.	Subramanya Kumar and G.K.Viswanadh(2006) "Study of Seasonal variation of Saline Water Intrusion into Coastal Aquifers using Fuzzy Logic", Indian Journal of Environmental Protection (An International Monthly Journal), Vol.26, No.2, pp 105-111.

National Journals (25):

1.	B.Rajasekhar, G.Venkatramana, M.V.S.S.Giridhar, G.K.Viswanadh, (2013) "Effective water Distribution system using SCADA – A case study of Vijayawada Municipal Corporation , Andhra Pradesh , Technology Spectrum , Vol.6, No.1&2, pp.95-102.
2.	A.S. Chandra Bose G.K.Viswanadh and Giridhar M.V.S.S., (2011) "Development of Fully Distributed Rainfall - Runoff Model (FDRRM) using RS and GIS" Applied Hydrology Journal, JAH XXIV –no3&4, (ISSN : 0971-670X).
3.	B.J.S.Varaprasad& G.K.Viswanadh (2010) "Deposit Formation in Domestically Used PVC Pipes: A Scientific Study" Journal of Indian Water Works Association, Vol.XXXXII, Issue.1, pp.33-34 &43-46(ISSN 0970-275X)
4.	Shiva Reddy M S, G.K.Viswanadh and Aarathi.P (2010) "An Equation for a Normal Depth in a Modified Horse Shoe-Shaped Tunnel Section", Indian Journal of Power and River Valley Development, Kolkata, India. Vol.60, Nos.1&2, pp.21-24.
5.	Shiva Reddy M S, G.K.Viswanadh and Aarathi.P (2010) "An Equation for a Critical Depth in a Modified Horse Shoe-Shaped Tunnel Section", Indian Journal of Power and River Valley Development, Kolkata, India. Vol.60, Nos.3&4, pp.66-70.
6.	Shiva Reddy M S and G.K.Viswanadh (2009) "Equation for a Normal Depth in a D-shaped Tunnel Section" Indian Journal of Power and River Valley Development, Kolkata, India. Vol.59, Nos.1&2, pp.15-18.
7.	Shiva Reddy M S and G.K.Viswanadh (2009) "Equation for a Critical Depth in a D-shaped Tunnel Section" Indian Journal of Power and River Valley Development, Kolkata, India. Vol.59, Nos.3&4, pp.50-53.
8.	Giridhar. M.V.S.S, and G.K.Viswanadh, (2009) "Runoff Estimation in an Ungauged Watershed using RS and GIS", Journal of Indian Water Works Association,PP:32-49. (ISSN : 0970-275X)
9.	Shiva Reddy M S and G.K.Viswanadh, (2008) "Flow Characteristics of an Indian Standard D-Shaped Tunnel Section", Journal of Hydraulic Engineering, ISH, Pune, Vol. 14, No. 2, pp.36-48.
10.	Giridhar. M.V.S.S, and G.K.Viswanadh,(2008) "Comparison of temperature based reference evapotranspiration equations for Palleru sub basin, A.P., India" Journal of Applied Hydrology, Vol: XXI, No 3 &4, PP:80-90. (ISSN : 0971-670X)
11.	Shiva Reddy M S and G.K.Viswanadh, (2008) "Uniform and Critical Flow Computations in Circular Conduit", Indian Journal of Power and River Valley Development, Kolkata, India. Vol. 58, Nos.9&10, pp.171-175.
12.	Shiva Reddy M S and G.K.Viswanadh, (2008) "Hydraulic Exponents for an Egg-Shaped Tunnel Section", Indian Journal of Power and River Valley Development", Kolkata, Vol. 58, Nos.7&8, pp.131-137.
13.	Venkatramana.G. and G.K.Viswanadh, N.C. Gowtham (2007) "An Integrated approach to estimate Rainfall - Runoff using Conventional Models and GIS modules " Journal of GIS India, Volume 16, No. 7 pp 3-6.
14.	Shiva Reddy M S and G.K.Viswanadh, (2007) "Computation of Hydraulic Exponents for a Circular Conduit", Journal of Indian Water Works Association, Bombay, Vol. 39, No. 4, pp 245-258.
15.	Giridhar. M.V.S.S. and G.K.Viswanadh,(2006) "Semi Distributed Conceptual Rainfall-Runoff Model using GIS" Journal of GIS India, Volume 15, No:8.

16.	Giridhar. M.V.S.S. and G.K.Viswanadh (2006) "Comparison of Class 'A' Pan Co-Efficient Equations" Journal of Applied Hydrology, Vol. XIX, No.4, pp-28-36.
17.	G.K.Viswanadh&Reddy.D.V., (1995) "Conjunctive Use of Groundwater and surface water in Krishna delta for Irrigation", Journal of the Institution of Engineers (India). Civil Engineering division Vol.75.
18.	G.K.Viswanadh and Shiva Reddy M S, (2004) "Equation For A Normal Depth In An Egg-Shaped Tunnel Section", Indian Journal of Power and River Valley Development, Kolkata, India.
19.	G.K.Viswanadh and Shiva Reddy M S, (2005) "Equation For A Critical Depth In An Egg-Shaped Tunnel Section", Indian Journal of Power and River Valley Development, Kolkata, India.
20.	Shiva Reddy. M.S. and G.K.Viswanadh, (2005) "Equation For A Critical Depth In A Circular Tunnel Section" Journal of Indian Water Works Association, Bombay.
21.	Shiva Reddy. M.S. and G.K.Viswanadh, (2006) "Equation For A Normal Depth In A Circular Tunnel Section" Journal of Indian Water Works Association, Bombay.
22.	Shiva Reddy M S and G.K.Viswanadh, (2007) "Flow Characteristics of an Indian Standard Egg-Shaped Tunnel Section", Journal of Hydraulic Engineering, ISH, Pune.
23.	Shiva Reddy M S and G.K.Viswanadh, (2006) "Uniform and Critical Flow Computations in D-Shaped Tunnel Section", Journal of Indian Water Works Association, Bombay, India.
24.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K. (2003) "A Case Study on Evaluation of Water Quality for Lakes by Pollution Index Method", Journal of Nature Environment & Pollution Technology, Vol.2, No.1, 69-72.
25.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K. (2003) "A Case Study on Saline Intrusion into Coastal Aquifers Using Chemical Parameters" Journal of Nature Environment & Pollution Technology, Vol.2, No.1, 89-93.

International conferences (67):

1.	S. VenkatCharyulu, Dr. G.K. Viswanadh " Decision support water management a case study" Procs. of ICMED-2021
2.	S. VenkatCharyulu, Dr. G.K. Viswanadh " Review of real-time effective decision support system for water resource management" Procs. of ICMED-2021
3.	S.Venkat charyulu Dr.G.K Viswanadh "Decision support water management a case study" "3rd International Conference on "Design and Manufacturing Aspects for Sustainable" E3S Web of Conferences vol3 09,01212, (2021) page(s)7, DOI https://doi.org/10.1051/e3sconf/202130901212 Conference: ICMED (Iconsys2021,GRIET)
4.	S.Venkat charyulu Dr.G.K Viswanadh "Review of real-time effective decision support system for water resource management", "3rd International Conference on "Design and Manufacturing Aspects for Sustainable, E3S Web of Conferences ICMED 2021, Vol309, p 20 - 01211Number of page(s)7,, 2021 DOI: 10.1051/e3sconf/202130901211 , Conference : ICMED (Iconsys2021,GRIET)
5.	S.Venkat charyulu Dr.G.K Viswanadh "Model study of DSS for water Management" E3S Web of Conferences - eISSN: 2267-12422 nd International Conference on Design and Manufacturing Aspects for Sustainable Energy (ICMED 2020), vol 184-01119-year - 19th august 2020, conference ICMED220, January 2020, DOI:10.1051/e3sconf/202018401119

6.	B. Venkat Rao, T. Manasa Lakshmi Mallika Alapati, G.K. Viswanath, (2019) "Study on Optimization and Efficiency of Outrigger system as Virtual Outriggers" procs. of the International Conference on Innovative Trends in Civil Engineering for Sustainable Development (ITCSD - 2019), NITW, 13 -15 September, 2019
7.	G.K. Viswanadh and M. Visweswara Rao, (2018) "Improvement in performance of a reservoir system with carry over storages", Procs. of the international conference on Civil and Environmental Engineering organised by Research world, New York.
8.	M. Visweswara Rao and G.K. Viswanadh, (2017) "Improvement in Performance of Downstream Barrage due to a new Balancing Reservoir upstream", Procs. of the international conference on Civil and Environmental Engineering organised by Research world, Washington DC.
9.	K. Ashok, K. Rakesh, Ch. Nageshwar Rao and G.K. Viswanadh, (2017) "Integrated approach for Mitigating the effect of Flash floods in Indian Urban setting", Procs. of the 3 rd International Conference on Environment Management, Organized by JNTUH, Hyderabad, India, pp. 489-498.Vol.2 of ISBN 978-93-868-19-50-5.
10.	Giridhar MVSS and G.K. Viswanadh, (2016) "A Novel Approach to Rainwater Filtration with Geomembrance" Procs. of the EWRI – ASCE congress organized by EWRI and ASCE, West Palm Beach, Florida, USA.
11.	G.K. Viswanadh & M. Mohan Babu, (2015) "Sources Of Extent Of Groundwater Pollution In Shallow Aquifer: A Case Study" Procs. of the International Conference on Innovation in Business, Applied Science, Engineering and E-Technology, New York.
12.	Giridhar M.V.S.S, P.Suneel and G.K.Viswanadh,(2014) "Estimation of Daily Actual Evapotranspiration from Remote Sensing Imagery" Procs. of the International Symposium on Weather Radar and Hydrology-WRAH-2014, Washington, DC, USA.
13.	G.K. Viswanadh& M. Mohan Babu, (2014) "Assessment of sea water intrusion into the coastal aquifers", Procs. of the Third International Conference on Earth Science & Climate Change, organized on the theme "An Insight into the Recent Advancements in Geoscience and Climate Change Control." Earth Science-2014, OMICS group, San Francisco, California, USA.
14.	G.K. Viswanadh& Ramana Rao NV, (2014) "Assessment of Groundwater Quality and its Suitability for Irrigation and Drinking Purposes" , Procs. of the Third International Conference on Earth Science & Climate Change, organized on the theme "An Insight into the Recent Advancements in Geoscience and Climate Change Control." Earth Science-2014, OMICS group, San Francisco, California, USA.
15.	G.K. Viswanadh& M. Mohan Babu(2014) "Groundwater studies with special emphasis on seasonal Variation of Groundwater Quality in a coastal aquifer" ,Procs. of the Third International Conference on Earth Science & Climate Change, organized on the theme "An Insight into the Recent Advancements in Geoscience and Climate Change Control." Earth Science-2014, OMICS group, San Francisco, California, USA.
16.	M.V.S.S. Giridhar, B. Srinivasa rao, A.S. Chandra Bose and G.K.Viswanadh(2013) "A Geomatic Approach to Drought Analysis" Procs. of the International conference on "Towards geo-enabled economy", organized by India Geospatioal Forum , Hyderabad.

17.	G Venkatramana and G.K. Viswanadh, (2013) "Rainfall and runoff process using by Overland Time of Concentration model and GIS Modules" International conference on efficient water management: challenges and opportunities, INDIA WATER WEEK, Organized by Ministry of Water Resources, Govt. of India from at New Delhi.
18.	Chandra Bose A.S, Giridhar M.V.S.S,Venkateswar Rao Ch and G.K.Viswanadh (2013) "Identification of Suitable Locations for Micro Hydro Power Stations using Geo-spatial Technology" Procs. of the World environmental and water resources congress, organized by EWRI , Cincinnati, Ohio,.
19.	Chandra Bose A.S, Giridhar M.V.S.S and G.K.Viswanadh, (2013) "GIS based fully distributed rainfall-runoff model for suggesting alternate land use patterns" Procs. of the World environmental and water resources congress, organized by EWRI , Cincinnati, Ohio.
20.	A.S.Chandra Bose, P.Sridhar, Giridhar M.V.S.S and G.K.Viswanadh, (2012) "Morphometric Analysis of Miniwatersheds using Geomatics" has been accepted for the presentation at the 14th International Conference on Computing in Civil and Building Engineering in Moscow, Russia.
21.	A.S. Chandra Bose, M.V.S.S.Giridhar,S.Ramulu and G.K.Viswanadh, (2012) "Geomatics for Spatial Analysis of Rainfall" Procs. of 5 th international conference on Water, Climate and environment atOhrid, Republic of Macedonia.
22.	Giridhar. M.V.S.S.,Nageswra Rao U and G.K.Viswanadh(2012) "Spatial Decision Support System for Ground Water quality Management at Village Level using Geomatics" Procs. of <i>International Conference on Environmentally Sustainable Urban Ecosystems (ENSURE-2012)</i> , organized by Department of Civil Engineering, Indian Institute of Technology Guwahati, Guwahati, Assam, INDIA.
23.	A.S.Chandra Bose, G.K.Viswanadh, M.V.S.S.Giridhar and P.Sridhar, (2012) "Assessment of Land Use Land Cover Changes in Middle Godavari (G-5) Sub Basin of River Godavari using RS and GIS" Procs. of XIX <i>International Conference on Water Resources</i> , CMWR 2012, University of Illinois at Urbana-Champaign.
24.	Giridhar M.V.S.S, Chandra Bose A.S and G.K.Viswanadh, (2012) "Application of Micro Air Vehicle Technology for Crop Management Studies" Procs. of the International conference on recent advances in design, development and operation of micro air vehicle, organized by JNTUH, Hyderabad.
25.	M.V.S.S. Giridhar, A.S. Chandra Bose and G.K.Viswanadh, (2012) "Water crisis management under changing climate" National conference organised by Googly centre for Biological research.
26.	M.V.S.S. Giridhar, G.K.Viswanadh, A.S. Chandra Bose and V. Lalitha, (2011) "Spatial Analysis of Groundwater Quality Parameters using GIS" Paper sent for possible publication in the international conference organized by IASTED.
27.	Srinivasa Prasad, A., and G.K.Viswanadh, (2010) "Reservoir Inflow Forecasting by Artificial Neural Networks", National conference on Mathematical Modelling in Engineering & Technology organized by Stanley College of Engineering & Technology,

	Hyderabad.
28.	Giridhar.M.V.S.S.,S.K.C.Acharyulu., and G.K. Viswanadh, (2010) "Preparation of 3D Surface and Land use/land cover maps- A Geomatic Approach" Proc. of the international conference on Hydrology and Watershed Management (ICHWAM-2010) organized by Centre for water resources, Jawaharlal Nehru Technological University, Hyderabad, 1031-1036.
29.	A.S.Chandra Bose, Giridhar.M.V.S.S., and G.K. Viswanadh, (2010) "Land Use Land Cover Classification – A Geomatic Approach" Procs. of the 31 st International Conference on Remote Sensing, ACRS-2010, Hanoi, Vietnam, TS20-1.
30.	A.S.Chandra Bose, Giridhar.M.V.S.S., and G.K. Viswanadh, (2010) "Identification of Ground Water Potential Zones using RS and GIS" Proc. Of the Land Use Land Cover Classification – A Geomatic Approach, Hanoi, Vietnam, TS10-4.
31.	Giridhar MVSS and G.K. Viswanadh, (2009) "An International Perspective on Environmental and Water Resources" EWRI-AIT International Conference organised by AIT, Bangkok, Thailand.
32.	Giridhar.M.V.S.S.,Satyanarayana B. and G.K. Viswanadh, (2008)"Mapping of evapotranspiration Zones in India using GIS" Procs. of the international conference organized by ASCE, at Long Beach, California, USA.
33.	Giridhar.M.V.S.S and G.K. Viswanadh, (2008) "Comparison of Mc.Cloud and FAO-56 Penman-Monteith for Daily Reference Evapotranspiration Estimation for K-11 sub Basin of River Krishna, India" Procs. of the international conference organized by EWRI and ASCE at Honolulu, Hawaii, USA.
34.	Giridhar.M.V.S.S and G.K. Viswanadh, (2008) "Evaluation of Daily Reference Evapotranspiration Using Minimum Data" Procs. of the international conference organized by EWRI and ASCE , Honolulu, Hawaii, USA.
35.	Giridhar.M.V.S.S., and G.K. Viswanadh, (2007) "Semi Distributed Runoff Model for a Semi Arid Area of Andhra Pradesh - A Geomatic Approach" Procs. of the international conference organized by IASTED, , Honolulu, Hawaii, USA, PP: 85-90.
36.	Giridhar.M.V.S.S., and G.K. Viswanadh, (2007) "Development of Semi Distributed Conceptual Rainfall-Runoff Model for a Semi Arid area using STANFORD-IV Model" Procs of the international conference, organized by IASTED, at Honolulu, Hawaii, USA.
37.	Y. Arunakar Reddy and G.K. Viswanadh, (2007) "Rational Methods of Flood Control", Procs. of the International Conference on Natural Hazards and Disaster Management" CBIT Hyderabad.
38.	Venkatramana.G., G.K.Viswanadh, and Goutham. N.C., (2006) " <i>Optimum Utilization Subsurface and Ground Water in the Command area by using RS & GIS</i> " Procs of the International Conference on Ground Water, organized by JNU, New Delhi.
39.	G Venkatramana and G.K. Viswanadh, (2006) "Elaborating the Landscape methodologies using Remote Sensing & Geographical Information Systems" Procs. of the International Conference organized by National Institute of Rural Development

	(NIRD), Hyderabad.
40.	Giridhar.M.V.S.S. and G.K.Viswanadh, (2006) <i>“Comparison of reference evapotranspiration equations in Andhra Pradesh, India”</i> Proc. of International conference, conducted by EWRI-ASCE, Omaha, Nebraska, USA.
41.	Giridhar. M.V.S.S. and G.K.Viswanadh, (2006) <i>“Meteorological Drought Analysis in a K-11 Basin of River Krishna Using GIS, India”</i> Procs. of the International conference on Geomatics for rural development – Achieving synergy between technical and social systems, JNTU, Hyderabad.
42.	Giridhar. M.V.S.S. and G.K.Viswanadh, (2006) <i>“Meteorological Drought Analysis Using GIS,”</i> Procs of the International conference on Geomatics for rural development – Achieving synergy between technical and social systems JNTU, Hyderabad.
43.	Giridhar. M.V.S.S. and G.K.Viswanadh, (2006) <i>“Evaluation of land use land cover changes in Palleru (K-11) sub basin of river Krishna using GIS and NDVI”</i> Procs. of the International conference ICHWAM-2006, JNTU, Hyderabad.
44.	Venkatramana.G, G.K. Viswanadh and Goutham N.C., (2006) <i>“Integrated approach to watershed management using RS and GIS modules”</i> Procs of International conference ICHWAM-2006, JNTU, Hyderabad.
45.	G.K.Viswanadh and A.S.Chandra Bose., (2006) <i>“Fully Distributed Rainfall-Run off Models-A Review”</i> , Procs. of 2nd International Conference on Hydrology and Watershed Management organized by CWR IST JNTUH Vol.1, pp.297-304.
46.	G Venkatramana and G.K. Viswanadh, (2006) <i>“Optimum utilization of subsurface and ground water in the command areas by using Remote Sensing/ Geographical Information System modules”</i> Procs. of the International Conference on Ground Water.
47.	G.K.Viswanadh. and Chandra Bose A.S.,(2006) <i>“Fully Distributed Rainfall - Runoff Models - A Review”</i> procs. of the International conference ICHWAM-2006, JNTU, Hyderabad.
48.	Y. Arunakar Reddy and G.K. Viswanadh, (2006) <i>“Farm Irrigation Scheduling of Kharif Groundnut Crop in Musi Project”</i> , Procs of the International Conference on Hydrology and Watershed Management, J N T U Hyderabad, pp. 946 to 957.
49.	Srinivasa Prasad. A, N.V. Umamahesh& G.K. Viswanadh, (2006) <i>“An LP model for optimal Reservoir Operation for Gundlakamma Reservoir Project”</i> Procs. of International Conference on <i>“Hydrology and Watershed Management”</i> Centre for Water Resources, JNTU, Hyderabad.
50.	Srinivasa Prasad, A., N V Umamahesh and G.K.Viswanadh, (2006) <i>“An LP Fortnightwise Reservoir operational Model for Gundlakamma Reservoir Project”</i> , Procs. of the International conference on Hydrology and Watershed Management organized by Centre for Water Resources, JNTU, Hyderabad.
51.	Giridhar. M.V.S.S. and G.K.Viswanadh, (2006) <i>“Evaluation of land use land cover changes in a sub basin of river Krishna using GIS and NDVI”</i> Procs. of the International

	conference ICHWAM-2006, JNTU, Hyderabad.
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52.	Subramanya Kumar and G.K.Viswanadh, (2006)“Performance of Artificial Neural Networks in Rainfall-Runoff Modeling” Procs of the International Conference on “Hydrology and Watershed Management (ICHWAM-2006) with a focal theme on Improving Water Productivity in the Agriculture, (Vol.1, pp: 365- 370) JNTU, Hyderabad.
53.	G.K.Viswanadh, P.Kanaka Durga and Giridhar. M.V.S.S., (2006) “ <i>Estimation of Crop Reference Evapotranspiration by Developing a Software–Application to a Sub Basin of River Krishna, India</i> ” Procs. of the International Conference of American Society of Civil Engineers (ASCE), organized by IIT, Kanpur.
54.	Ashok.G., Jagan Mohan Rao. G and G.K.Viswanadh, (2005)“ <i>Flood Forecasting using GIS-A case Study Application to a Vaigai Sub basin, Tamil Nadu, India</i> ” Procs of International conference on Tsunami studies on Water Resources Engineering, Organized by IIT, Roorkee & Jodhpur University, Kolkata.
55.	Giridhar. M.V.S.S. and G.K.Viswanadh, (2005) “ <i>Estimating of Reference Evapotranspiration for an Irrigation Project Site in Andhra Pradesh, India</i> ” Procs of International Conference Environmental Management (ICEM-2005), JNTU, Hyderabad.
56.	G Venkatramana and G.K. Viswanadh, (2005)“ Identification of delineation of salt affected and water logging zones in command areas by using Remote Sensing/Geographical Information System Techniques”, International Conference on Environmental Management (ICEM-2005).
57.	Venkatramana.G., G.K.Viswanadh, and Goutham. N.C., (2005) “ <i>Identification of Delineation of Salt Effected & Water Logging Zones in Command Areas by Using RS &GIS</i> ”, Procs of the International Conference on Environmental Management, JNTU, Hyderabad.
58.	Srinivasa Prasad, A., N V Umamahesh and G.K.Viswanadh, (2005) “Optimum Weekly Irrigation Planning Model for an existing storage based irrigation system in India”, Procs. of the International symposium on Recent Advances in Water Resources Development and Management organized at IIT, Roorkee.
59.	Giridhar. M.V.S.S. and G.K.Viswanadh, (2005) “ <i>Estimation of Reference Evapotranspiration for an Irrigation Project Site in Andhra Pradesh, India</i> ” Procs of International Conference Environmental Management (ICEM-2005), JNTU, Hyderabad.
60.	G.K. Viswanadh, Mohd Ali Md. and Giridhar M.V.S.S, (2004)“ <i>Land use / Land cover changes in Dharmabad Watershed</i> ” Procs. of the international conference on Advanced modeling techniques for sustainable management of water resources, organized by NIT, warangal,A.P,India.
61.	G.K. Viswanadh, Vidyadhar M. and Giridhar M.V.S.S, (2004)“ <i>Rain fall Analysis in Ranga Reddy District</i> ” Procs. of the international conference on Advanced modeling techniques for sustainable management of water resources, organized by NIT,warangal,A.P,India.

62.	Subramanya Kumar and G.K.Viswanadh, (2004)“Rainfall Runoff Modelling for Osman Sagar Catchment using Artificial Neural Networks” Procs of International Conference on “Advanced Modelling Techniques for Sustainable Management of Water Resources” organised by National Institute of Technology, Warangal.
63.	Subramanya Kumar and G.K.Viswanadh, (2004)“A Case Study on Evaluation of Water Quality for Lakes by Pollution Index Method” procs of International Conference on “Advanced Modelling Techniques for Sustainable Management of Water Resources” organised by National Institute of Technology, Warangal.
64.	G.K.Viswanadh, and Sanjeeva D., (2002) “Rainfall Prediction Through Auto Regressive Model”, Procs. of the international conference on Hydrology and Watershed Management organized by Jawaharlal Nehru Technological University, Hyderabad.
65.	Kaleshavali and G.K.Viswanadh, (2002)“Integrated Watershed Management”, Procs of the international conference on Hydrology and Watershed Management organized by Jawaharlal Nehru Technological University, Hyderabad.
66.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K. (2002) “A Case Study on Saline Intrusion into Coastal Aquifer using Fuzzy Logic” Procs. of the International Conference on “Hydrology and Watershed Management (ICHWAM-2002) with a focal theme on Water Quality and Conservation organized by JNTU, Hyderabad during 18-12-2002 to 20-12-2002.
67.	G.K. Viswanadh & Reddy DV, (1997) “Optimal water management strategies for scanty surface supplies in a coastal region” Procs. of the IX world water congress of IWRA, Canada.

National Conferences (69):

1.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K., (May, 2018) “ Daily River flow Modeling Using Artificial Neural Networks”, was presented & published in the proceedings of the National Conference on Advanced Computing Applications in Civil Engineering, during 21st- 22nd, May, 2018, organized by University College of Engineering, Osmania University, Hyderabad.
2.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K., (May, 2018) “Performance Evaluation of Daily Sediment Yield Transport Model Using Artificial Neural Networks”, was presented & published in the proceedings of the National Conference on Advanced Computing Applications in Civil Engineering, during 21st- 22nd, May, 2018 organized by University College of Engineering, Osmania University, Hyderabad.
3.	Subrahmanya Kumar, C.S.V., Viswanadh, G.K., Ramesh Kumar, S. & Jyothi Sree.P., (May, 2018) “Assessment and Evaluation of Groundwater Quality due to Landfill Leachate Using Fuzzy Logic”, was presented & published in the proceedings of the National Conference on Advanced Computing Applications in Civil Engineering, during 21st- 22nd, May, 2018 organized by University College of Engineering, Osmania University, Hyderabad.
4.	S. Venkatcharyulu G.K.Viswanadh “Estimation Reoccurrence of Godavari Sub Basin” AIP Conference Proceedings conference, 0094-243X (print) 1551-7616 (web) Conference :Rice 22, GRIET

5.	S.Venkat charyulu Dr.G.K Viswanadh M.V.S.S Giridhar “Watershed Analysis a Case Study of Nizampet Area” National conference on Water , environment and societyJntuh, ncwes 2018, JNTU Hyderabad, ISBN978-93-87593-72-5,BS publication , NCWES2018, P.P 570
6.	M. Visweswara Rao and GK Viswanadh, (2017) “Effect of a new upstream reservoir on pattern of downstream flows - Need to revise the crop calendar of downstream project”, Procs. of the 4 th national conference on Water, Environment and society organised by JNTU, Hyderabad.
7.	GK Viswanadh, (2017) “Effective water-conservation practices for Sustainable water resources Management”, procs. of the seminar on Sustainable Water Management, organised by the Institution of Engineers (India), Telangana State center, Hyderabad.
8.	Kalavathy S., M.V.S.S. Giridhar and G.K. Viswanadh (2017) “A Jar Test Study on the use of Alum and Ferric Chloride for Turbidity Removal”Procs. of the 4 th national conference on Water, Environment and society organised by JNTU, Hyderabad.
9.	G.K. Viswanadh (2017) “Decision Support System for Integrated Water Resources Management” Procs. of the National conference on Sustainable Water, and Environmental Management (SWEM-2017) organised by CWR, JNTUH, Hyderabad Page No.142.
10.	M. Viswerwara Rao, G.K. Viswanadh and E. Saibaba Reddy (2017) “Estimation of Life of Reservoir Under the Conditions of Non Availability of Sediment Surveys” Procs. of the national conference on Sustainable Water, and Environmental Management (SWEM-2017) organised by CWR, JNTUH, Hyderabad, Page No.347.
11.	S. Venkat Charyulu, G.K. Viswanadh and M.V.S.S. Giridhar (2017) “Effective Rainwater Harvesting by GIS Analysis in GRIET Campus” Procs. of the national conference on Sustainable Water, and Environmental Management (SWEM-2017) organised by CWR, JNTUH, Hyderabad, Page No.528.
12.	V. Phani Madhava and G.K. Viswanadh (2017) “Optimal Control of Water Distribution at DAMS & Reservoirs Using Scada & Telemetry” Procs. of the national conference on Sustainable Water, and Environmental Management (SWEM-2017) organised by CWR, JNTUH, Hyderabad, Page No.573.
13.	K. Ashok, K. Rakesh, CH. Nagaeshwar Rao and G.K. Viswanadh (2017)“Urban Water Management in Indian Cities – An Integrated Approach” Procs. of the national conference on Sustainable Water, and Environmental Management (SWEM-2017) organised by CWR, JNTUH, Hyderabad, pp. 517-527.ISBN 978-93-86819-94-9
14.	G Venkatramana and G K Viswanadh (2013) “Effective water distribution using SCADA (Supervisory Control And Data Acquisition)”. Procs. of the National conference on Sustainable water Resources Planning, management and impact of climate change, organized by Centre of Excellence in water resources management, BITS PILANI, Hyderabad Campus.
15.	M.V.S.S. Giridhar, A.S. Chandra Bose and G.K.Viswanadh, (2012) “Water crisis management under changing climate” organised by Googly centre for Biological research.

16.	Giridhar M.V.S.S., A.S. Chandra Bose and G.K.Viswanadh(2012) "A Geomatic Approach to Rooftop Rainwater Harvesting in Urban Scenario" National Conference on water crisis management under changing climate organized by Gugglycenter for Biological research,pp:1&2.
17.	G.K.Viswanadh, A.S. Chandra Bose and Giridhar M.V.S.S. (2011) "Faculty development in Technical Educational Institutions - an Overview", Human Values in Technical Education: an approach for holistic development of society, Organized by Ujjain engineering College and Shiksha SanskritUdhanNivas, New Delhi.
18.	Srinivasa Prasad. A, N.V. Umamahesh& G.K. Viswanadh, (2010)"Minimum cost design of looped pipe network" Procs. of the National conference on Recent Advances in Fluid Mechanics & Solid Mechanics organized by NIT, Rourkela.
19.	M.V.S.S.Giridhar, A.S.Chandra Bose, V.Lalitha, G.K.Viswanadh and S.K.C.Acharylu,(2010) "Study of Spatial Distribution of Groundwater Quality Parameters in GIS environment ", Proc. of National workshop on 'Application of remote sensing and GIS in water resources management' pp. 93-100.
20.	Subramanya Kumar and Viswanadh GK (2010) "Performance Evaluation of Rainfall-Runoff Modeling using Levenberg- Marquardt algorithm" procs. of the National Conference on "Sustainable Water Resources Management and Impact of Climate change" organized by BITS, Pilani, Hyderabad campus.
21.	A.S.Chandra Bose, M.V.S.S.Giridhar and G.K.Viswanadh, (2010) "Spatial analysis of rainfall from G-5 sub basin of River Godavari basin in GIS environment", Proc. of National workshop on 'Application of Remote sensing and GIS in water resources management' pp.83-92.
22.	Srinivasa Prasad, A., and G K Viswanadh, (2010) "Simulation of water surface profile in Periyar Main canal", National conference on Recent Advances in Fluid Mechanics & Solid Mechanics conducted by NIT, Rourkela,.
23.	Srinivasa Prasad, A., and G K Viswanadh, (2010) "Least cost design of looped pipe network", National conference on Recent Advances in Fluid Mechanics & Solid Mechanics conducted by NIT, Rourkela.
24.	Srinivasa Prasad, A., N V Umamahesh and G K Viswanadh, (2010) "Optimal Annual Allocation Model for Nagarjuna Sagar Project by Multilevel Approach", National conference on Sustainable Water Resources Management and Impact of Climate Change organized by BITS,Pilani- Hyderabad campus.
25.	Y.Arunakar Reddy and G.K. Viswanadh,(2007) "Conventional Methods of Flood Forecasting and Neural Network Models of Flood Forecasting-Literature Review" Procs. of the National Conference on Watershed Management and Impact of Environmental Changes at J N T U Hyderabad, , pp. 165-171.
26.	M. Mohan Babu and G.K. Viswanadh,(2007) "Sea Water Intrusion Modeling In Coastal Aquifers" procs of the National conference on Watershed Management and Impact of Environmental Changes on Water Resources(WMEC-2007)", Organized by Department of Civil Engineering, JNTU College of Engineering, Hyderabad. pp:46-55.
27.	Subramanya Kumar and G.K.Viswanadh. (2007) "Application of Soft Computing Technique in Rainfall-Runoff Modeling" Procs. of the National Conference on "Watershed Management & Impact of Environmental Changes on Water Resources" organized by JNTU College of Engineering, Hyderabad.. pp 151-157.

28.	Subramanya Kumar and G.K.Viswanadh. (2007) "Rainfall- Runoff Modeling Using Fuzzy Logic" Procs. of the National Conference on "Watershed Management & Impact of Environmental Changes on Water Resources" organized by JNTU College of Engineering, Hyderabad. pp 158-164.
29.	Giridhar.M.V.S.S., and G.K. Viswanadh, (2007)"Surface Analysis using GIS" Procs. of the National Conference on Soft Computing Applications in Water Resources & Environmental Engineering (NC-SCAWREE – 2007) organized by Osmania College of Engineering, Hyderabad.
30.	Subramanya Kumar and G.K.Viswanadh. (2007) "Hydrological modeling using Artificial Neural Networks" Procs. of the National Conference on "Soft Computing Applications in Water Resources & Environmental Engineering- 2007" organized by University College of Engineering, Osmania University, Hyderabad.
31.	Srinivasa Prasad, A., N V Umamahesh and G.K.Viswanadh, (2007) "Estimation of Crop water requirements and Optimal Irrigation scheduling of major crops under NSRC command area", Procs. of the National conference on Watershed management and Impact of Environmental changes on Water Resources, organized by Dept. of Civil Engineering ,JNTU, Hyderabad.
32.	Srinivasa Prasad, A.,P V S Maruthi Krishna and G.K.Viswanadh, (2007) "An LP model for estimation of active storage capacity of Gundlakamma Reservoir", Procs. of the National conference on Watershed management and Impact of Environmental changes on Water Resources, organized by Dept. of Civil Engineering ,JNTU, Hyderabad.
33.	Subramanya Kumar and G.K.Viswanadh, (2006)"Neuro-Fuzzy Modeling for Ground Water Contamination" Procs. of the National Conference on "Environmental Effects on Civil Engineering Structures" organised by College of Engineering, Sri Venkateswara University, Tirupathi.
34.	M. Mohan Babu & G.K. Viswandh, (2006) " Effect of Spatially Varied Hydraulic Conductivity on Salt Water Intrusion", Procs. of the National conference on Environmental Effects on Civil Engineering Structures, organised by Department of Civil Engineering, Sri Venkateswara University College of Engineering (Autonomous) Tirupathi.
35.	G.K.Viswanadh, P.Kanaka Durga and Giridhar. M.V.S.S., (2005) "Evaluation of Class 'A' Pan Coefficient (K_{PAN}) for K-7 basin of Krishna River, A.P., India", Procs. of the National Seminar on Innovative Techniques for Sustainable Development of Water Resources, organized by Annamalai University, Annamalainagar.
36.	G.K. Viswanadh, Amarnadh.P., Giridhar.M.V.S.S.,(2005) "Economical Analysis of Watershed Development Project" Procs. of the National Conference on Advances in Water Engineering for Sustainable Development (NCAWESD-2005), organized by Department of Civil Engineering, I.I.T., Madras.
37.	G.K. Viswanadh, Amarnadh.P., Giridhar.M.V.S.S., (2005) "Economical Analysis of Watershed Project", Procs. of National Conference on Hydrology& Water Resources, organized by IIT Chennai.
38.	Venkatramana.G., G.K.Viswanadh, and Goutham. N.C., (2005)"RS & GIS Module for Water Management in Command Areas", Procs of the National Conference on "SSTGRA", organized by Center Land Use Management Agency.
39.	Srinivasa Prasad. A., Umamahesh.N.V., and G.K. Viswanadh, (2005) "Optimal Weekly Irrigation Planning Model for Nagarjuna Sagar Project", Procs. of the National

	Conference on Recent Advance in Water Resources Development and Management 2005 (RAWRDM-2005), organized by IIT., Roorkee.
40.	Giridhar.M.V.S.S. and G.K. Viswanadh, (2005) "Irrigation Scheduling based on Actual Evapotranspiration in K-7 basin of the River Krishna, India", Procs. of the National Conference on Recent Advance in Water Resources Development and Management-2005 (RAWRDM-2005), organized by IIT., Roorkee.
41.	Y. Arunakar Reddy and G.K. Viswanadh, (2005) "Flood Disaster: Flood Management Plan", 35 th Annual Convention & National Seminar at Bapuji Institute of Engineering & Technology Davangere, pp 142-146.
42.	G.K.Viswanadh, P.Kanaka Durga and Giridhar. M.V.S.S., (2005) "Evaluation of Class A' Pan Coefficient for K-7 basin of River Krishna, A.P., India", Procs. of the National Seminar on Innovative Techniques for Sustainable Development of Water Resources, organized by Annamalai University, Annamalainagar.
43.	G.Venkatramana and G K Viswanadh (2005) "Remote Sensing and Geographical Information System module for Water Management in Command areas.", National Conference on SSTGRA, organized by CLUMA.
44.	G.K.Viswanadh., Jagan Mohan Rao. G, (2004)"Distributed Rainfall – Runoff Modeling using GIS ", Procs. of the National Conference on ISROSAT - 1, organized by National Remote Sensing Agency, Balanagar, Hyderabad.
45.	Nageswra Rao V.V., and G.K.Viswanadh, (2004)"Variation of Hydraulic loss coefficient in PVC pipes", HYDRO-2004, organized by Association of Hydraulic Engineers.
46.	G.K.Viswanadh., Giridhar M.V.S.S. and Arunalatha S, (2004) "Comparison of Geographical features for pre and post monsoon periods of Konapalli Watershed using Remote Sensing & GIS", Procs. of the National Conference on Hydrology and Water Resources, organized by M.V.S.R. Engineering College, Hyderabad.
47.	G.K.Viswanadh., Giridhar M.V.S.S. and Mohd. Ali, (2004) "GIS Model for seasonal changes of a watershed", Procs. of the National Conference on Hydrology and Water Resources, organized by M.V.S.R. Engineering College, Hyderabad.
48.	Subramanya Kumar and G.K.Viswanadh, (2004)"Groundwater Contamination Due to Municipal Solid Waste Disposal using Groundwater Quality Index" procs of the National Conference on "Water Resources Development and Management Practices (WARM-2004)" organised by MVSR Engineering College, Hyderabad.
49.	Subramanya Kumar and G.K.Viswanadh. (2004) "An Artificial Neural Network Approach to Rainfall – Runoff Modeling" procs of the National Conference on "Water Resources Development and Management Practices (WARM-2004)", organised by MVSR Engineering College, Hyderabad.
50.	G.K. Viswanadh, and Giridhar M.V.S.S., (2003)"Water Management Perspective Through Linking of Rivers", Procs of the National Seminar on Inter-Linking of Rivers-Water Planning and Management, Organized by Department of Civil Engineering and Industry-Institute Partnership Cell, RVR&JC College of Engineering, Chowdaravaram, Guntur, A.P., India.
51.	Giridhar M.V.S.S. and G.K.Viswanadh, (2003) "Water Resources Development in India Through Inter-Linking of Rivers", Procs of the National Seminar on Interlinking of Rivers-Water Planning and Management, Organized by Department of Civil Engineering and Industry-Institute Partnership Cell, RVR&JC College of Engineering, Chowdaravaram,

	Guntur, A.P., India.
52.	G.K. Viswanadh, and Giridhar M.V.S.S., (2003) "Semi-distributed Conceptual Rainfall-Runoff Model – A Review", Proc of the National Conference on Developments in Engineering & Technology (DIET), Organized by Institute of Engineers and Kakathiya Institute of Technology and Science, Warangal, A.P., India.
53.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K. (2003) "A Case Study on Groundwater Contamination Due to Municipal Solid Waste Disposal Using Fuzzy Logic" was presented at National Seminar on "Environment and Health" during 29-30 December 2003, organized by Sri Venkateswara University, Tirupati.
54.	Subrahmanya Kumar, C.S.V. & Viswanadh, G.K. (2003) "Assessment of Water Quality using Soft Techniques" was presented at a Workshop on "Challenges in Civil Engineering Practice (CCEP-2003), during 01-02, May 2003 organised by Vasavi College of Engineering, Hyderabad.
55.	Srinivasa Prasad. A, Dr.N.V.Umamahesh&G.K.Viswanadh,(2002) "Seasonal Crop Production Functions of Major Crops Under NSRC Command Area" Procs of the National Conference on "Recent Advances in Civil Engineering" organized by KITS, Warangal.
56.	G.K. Viswanadh & Satish DVS, (2002) "Identification of water logged areas and possible remedial measures", Procs. of the National seminar on Water Resources Systems Planning and Management, organized by Department of Civil engg, Annamalai University, Annamalainagar.
57.	G.K. Viswanadh & N.Chalamaiah, (2002) "Comparative Economics of Lift and Flow Irrigation", Procs. of the seminar on Lift Irrigation Schemes organized by Central Board of Irrigation and Power, New Delhi at Walamtari, Hyderabad.
58.	G.K. Viswanadh & N.Chalamaiah, (2002) "Cost Analysis of Lift Irrigation Schemes", Procs of the seminar on Lift Irrigation Schemes organized by Central Board of Irrigation and Power, New Delhi at Walamtari, Hyderabad.
59.	G.K. Viswanadh & N.Chalamaiah, (2002) "Farmer maintained Lift Irrigation Schemes", Procs of the seminar on Lift Irrigation Schemes organized by Central Board of Irrigation and Power, New Delhi at Walamtari, Hyderabad, 24-26 April.
60.	G.K. Viswanadh & N.Chalamaiah, (2002) "Sustainable Maintenance of Lift Irrigation Scheme - a case study of Kanuparthi L.I Scheme", Procs of the seminar on Lift Irrigation Schemes organized by Central Board of Irrigation and Power, New Delhi at Walamtari, Hyderabad.
61.	Kaleshvali & G.K. Viswanadh, (2000) " Study on optimum management of water resources in an imbalanced Irrigation system of a basin", Procs, of workshop on challenges in Groundwater development, Central Board of Irrigation & power, New Delhi.
62.	Kaleshwali, S.k., & G.K. Viswanadh, (2000) "Conservation and management of available water resources in a watershed area", Procs. of the National conference on Hydraulics and Water Resources, organized by Regional Engineering College, Kurukshetra.
63.	G.K. Viswanadh & Suryanarayana, (1999) "Mapping of Interface and Management of Exploitable Ground Resources in a coastal Aquifer", Procs., of national seminar on water Resources Management for Sustainable Development, Water Technology Center, S.V.University, Tirupati.

64.	Kaleshvali SK & G.K. Viswanadh, (1997) "Supplementation of ground water Resources in a canal irrigated Area (A case study of upland parts of Krishna District)", Procs. of the National conference on Emerging Trends in sustainable Ground water sources, JNT University, Hyderabad.
65.	Jaya Rayaprolu & G.K. Viswanadh, (1997) " Updation of South Eastern part of Hyderabad city map using G I S and Image Interpretation techniques", Procs. of workshop on Remote Sensing and G I S Application to water Resources Engineering, Central Board of Irrigation and power.
66.	G.K. Viswanadh & DV Reddy, (1997) "Managing Irrigation water quality by Volumetric mixing from different sources" Procs. of the National conference on Environmental Hydraulics and Free surface Flows, at Andhra University, Vizag.
67.	Reddy, DV & G.K. Viswanadh, (1996) " Optimal surface and ground water utilization in Srisailam project command with Variability of Inflow", Procs. of the National conference on Hydrology and water Resources, JNT University, Hyderabad.
68.	Reddy,DV & G.K. Viswanadh, (1996) "Effective water management through conjunctive use A case study of Nagarjunasagar command", Procs. of the National conference on Hydrology and water Resources, , JNT university, Hyderabad.
69.	G.K.Viswanadh. & Reddy D.V., (1993) "A method to meet the surface water requirements of Rayalaseema", Procs. of seminar on Drought management in Rayalaseema, JNTU College of Engineering, Ananthapur, A.P.