

B. Research Papers Published in International Journals

1.	Arora, M., Rathore D.S., Singh R.D., Kumar Rakesh and Kumar A., "Estimation of melt contribution to total streamflow in River Bhagirathi and River Dhaulti Ganga", Intl.Journal of Water Resources and Protection, II, 636-643, November 7, 2010.
2.	Bhunya, P.K., Panda S.N., and Goel M.K., "Synthetic unit hydrograph methods: A critical review", Vol-4, The Open Hydrology Journal, Bentham Open, 2011.
3.	Chakravorty, B., and Ghosh N. C., "Modelling of groundwater transport in arsenic affected groundwater in Nadia and North 24-Paraganas Districts of West Bengal", Paper for Special Issue on Water Quality in Jour. Applied Geochemistry, ISAG, July, 2010.
4.	Chaudhary, Veena and Sharma M. K., "Blood lead level in the children of western Uttar Pradesh, India", Toxicological & Environmental Chemistry, Vol. 85, 1-9, 2010.
5.	Chopra, A.K., Sharma M.K. and Chamoli Shikha, "Bioaccumulation of organochlorine pesticides in aquatic system-an overview", Environ. Monit. Assess., 173:905-916, 2011.
6.	Durbude, D.G., Jain M.K. and Mishra S.K., "Long term hydrologic simulation using SCS-CN based improved soil moisture accounting procedure". Hydrological Processes, 25, 561-579, 2010.
7.	Jain, C.K., Bandyopadhyay A. and Bhadra A., "Assessment of ground water quality for drinking purpose, District Nainital, Uttarakhand, India", Environmental Monitoring and Assessment, 166, 663-676, 2010.
8.	Jain, C.K., Gurunadha Rao V.V.S., Prakash B.A., Mahesh Kumar K. and Yoshida M., "Metal fractionation study on bed sediments of Hussainsagar Lake, Hyderabad, India", Environmental Monitoring and Assessment, 166, 57-67, 2010.
9.	Jain, S.K., Keshri R., Goswami A. and Sarkar A., "Applications of meteorological and vegetation indices for monitoring of drought", Intl Journal of Natural Hazards, 54, 3, 2010.
10.	Jain, Sanjay K., Keshri Ravish, Goswami Ajanta and Sarkar Archana, "Application of meteorological and vegetation indices for evaluation of drought impact: a case study for Rajasthan, India" Journal "Natural Hazards" Water Resources Management", 24(9), 1763-1777, July 2010
11.	Jain, Sanjay Kumar, Goswami Ajanta and Saraf Arun K., "Assessment of snowmelt runoff using remote sensing and effect of climate change on runoff", Water Resources Management, 24:17634-1777, 2010
12.	Jaiswal, R.K., Thomas T. and Galkate R.V., "Reservoir sedimentation for environmental planning in Rajaval reservoir of Gujarat (India)", Intl.Journal of Applied Environmental Sciences, 5 (4), 529-540, 2010.
13.	Jaiswal, R.K., Thomas T., Galkate R.V. and Singh S., "Revised capacities and pattern assessment of Rajaval and Kharo reservoirs of Gujarat (India)", IUP Journal of Soil and Water Sciences, 3(4), 7-19, 2010.

14.	Kar A.K., Lohani A.K. Goel N.K. and Roy G.P., "Development of flood forecasting system using statistical and ANN techniques in the downstream catchment of Mahanadi basin, India" <i>Journal of Water Resource and Protection (JWARP)</i> , 880-887, 2(10), 2010.
15.	Krishna, B., Satyaji Rao Y.R. and Nayak P C, "Time series modeling of river flow using Wavelet Neural Networks", <i>Journal of Water Resources and Protection</i> , 3: 50-59, 2011.
16.	Kumar, Bhishm; Rai S. P., Kumar U. Saravana, Verma S.K., Garg Pankaj, Vijayakumar S.V., Jaiswal Rahul, Purandara B. K., Kumar S.R., and Pande N. G., "Isotopic characteristics of Indian precipitation". <i>Water Resources Research</i> , VOL. 46.
17.	Kumar, Manish; Rao M. S., Kumar Bhishm & Ramanathan Al., "Identification of recharge zones and sources in the aquifer under urban development through isotopic tracer techniques and hydrological features", <i>Hydrogeology Jr.</i> , 19, 463-474, 2011.
18.	Kumar, Vijay; Jain S.K., "Trends in rainfall amount and number of rainy days in different river basins of India (1951-2004)", <i>Hydrology Research</i> , 42(4), 290-306, 2011
19.	Kumar, Vijay; Jain S.K., "Export and import of virtual water from different states of India through food grain trade", <i>Hydrology Research</i> , 42(2-3), 229-238, 2011.
20.	Kumar, Vijay; Jain S.K., and Singh Y., "Analysis of long-term rainfall trends in India", <i>Hydrological Science Journal</i> , 55(4), 484—496, 2010.
21.	Lohani, A.K., Goel N.K., Bhatia K.K.S., "Comparative study of neural network, fuzzy logic and linear transfer function techniques in daily rainfall-runoff modelling under different input domains", <i>Hydrol. Process</i> , Published online in Wiley Inter Science (www.interscience.wiley.com) DOI: 10.1002/hyp.7831, 2010
22.	Muthukrishnavellaisamy Kumarasamy, Mishra G.C., Ghosh N.C., and Kansal Mitthan L., "Hybrid model development for the decaying pollutant transport in streams", <i>Intl. Journal of Environment and Waste Management</i> . InderScience Publishers, USA, ISSN 1478-9876.
23.	Nayak, P. C. and Jain S. K., "Modeling runoff and sediment rate using a neuro-fuzzy technique", <i>Water Management</i> , 164(4):201–209, 2011.
24.	Ojha, C.S.P., Khobragade Suhas D. and Adeloye A.J., "Estimating air vapour pressure in a semi-arid region using FAO-56 methodology", Published online in the <i>J. Irrig and Drain. Engg.</i> , ASCE. Manuscript No. IRENG-5898.
25.	Pandey, R.P., Pandey Ashish, Galkate Ravi, Byun Hi-Ryong and Mal B.C., "Integrating hydro-meteorological and physiographic factors for assessment of vulnerability to drought", <i>Water Resources Management</i> , Springer Publishers, 24 (15), 4199-4217, 2010.
26.	Rao, M. Someshwar, Kumar Bhishm, and Singh U.K., "Inorganic elements and radioisotopes in the environment: Measurement techniques and applications", <i>Asian J. Water, Environment and Pollution</i> , 7: 49-67, 2010.
27.	Samadder, Ratan, Kumar Sudhir, Gupta R.P., "Paleochannels and their potential for artificial groundwater recharge in the western Ganga plains", <i>Journal of Hydrology (Elsevier)</i> , 400:154-164, 2010.
28.	Sarvana Kumar, U.; Kumar Bhishm, and Rai S.P., "Stable isotope ratios in precipitation and their relationship with meteorological conditions in the Kumaon Himalays, India", <i>Journal of Hydrology</i> , 391: 1-8, 2010.
29.	Singh, S. K., "Modeling the transient pumping from two aquifers using MODFLOW", <i>Journal of Irrigation and Drainage Engineering</i> , ASCE, 136(4), 225-237, Apr 2010.
30.	Singh, Seema; Parkash B., Awasthi A.K. and Kumar S., "Neogene palaeovegetation reconstruction based on the isotopic composition of pedogenic carbonates from Siwalik palaeosols, India", <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> . An Intl. Journal for the Geo-Sciences. doi:10.1016/j.palaeo.2011.02.015, 2011.
31.	Singh, Surjeet and Jaiswal C.S., "Water table fluctuation in the presence of a time-varying exponential recharge and depth-dependent ET in a 2-D aquifer system with an Inclined Base", <i>ASCE, J. Irrigation & Drainage Engg.</i> , 136(7), 502-507, July 2010.

32.	Singh, Surjeet, Chauhan C.S. and Ghosh N.C., "Effect of head build-up and seepage on the water table fluctuation in a semi-confined aquifer", Intl. Journal of Ecological Economics & Statistics (IJEES), 19(F10), 103-112, Fall 2010.
33.	Varadarajan, N., Purandara B.K. and Kumar Bhishm, "Status of salinity in aquifers of Ghataprabha Command Area, Karnataka, India", Intl. Journal of RMZ – Materials and Geoenvironment, Slovenia, 57(3), 347-362, 2010
34.	Venkatesh, B., Lakshman N., Purandara B.K., and Reddy V.B., "Analysis of observed soil moisture patterns under different land covers in Western Ghats, India", Journal of Hydrology, 397(3-4), 281-294.

C. Research Papers Published in National Journals

35.	Chandramohan, T. and Balchand A. N., "Sediment yield characteristics of a tropical river basin", IUP Journal, Hyderabad, III (2), 16-25, May 2010.
36.	Jeyakanthan, V.S. and Sanjeevi, S., "Assessment of reservoir sedimentation using Indian Satellite Image Data", Soil and Water Sciences, 4(1), 1-9, 2011.
37.	Kumar, Bhishm; Rao M. S., Gupta A.K. and Purushothaman P., "Groundwater management in a coastal aquifer in Krishna River Delta, South India using isotopic approach", Current Science, 100, 1032-1043, 2011.
38.	Kumar, C.P. and Sanjay Mittal, "Determination of soil hydraulic properties in a part of Hindon River catchment using SOILPROP software", ISH Journal of Hydraulic Engineering, 16(2), 13-27, 2010.
39.	Rathore, D.S., Chalisgaonkar Deepa, Pandey R.P., Ahmed Tanveer, Singh Yatveer, "A Web GIS application for dams and drought in India", Jour. of Indian Society of Remote Sensing, 38(4), 670-673, 2010.
40.	Sharma, M.K. and Choubey V.K., "Groundwater pollution: An overview", The IUP Journal of Chemistry, III(4), 64-76, 2010.
41.	Sharma, S.K., Rajput G.S., Tignath S. and Pandey R.P., "Morphometric analysis and prioritization of a watershed using GIS", Jour. of Indian Water Resources Society (IWRS), 33 (2), 33-39, 2010.
42.	Singh, Omkar, Sharma M.K., Choubey V.K. and Singh R.D., "Water quality evaluation of the Renuka lake (HP)", The IUP Journal of Environmental Sciences, IV(3), 16-26, 2010.
43.	Singh, R.D., Manohar Arora and Kumar Rakesh, "Impact of climate change on water resources", Yojna, 36-40, July 2010.
44.	Singh, Seema; Parkash B., Awasthi A.K. and Kumar S., "Late Miocene record of palaeovegetation from Siwalik palaeosols of the Ramnagar sub-basin, India," Current Science, 100(2), 213-22, 25 January 2011.
45.	Thakur, G. S. and Thomas T., "Analysis of ground water levels for detection of trend in Sagar district of Madhya Pradesh", Journal of Geological Survey of India, 77(4), 303-308, 2011.
46.	Vijayakumar S.V, Rao P.R. and Kumar Bhishm, "Stable isotope characteristics of GW in a sandstone aquifer", Journal of Applied Hydrology, 22(2), 90-97, April 2009.

D. Research Papers in International Conferences

47.	Bhunya, PK, Singh R.D. and Ronny Berndtsson, "Changes sustainable change scenario in water resources due to climate change: A review for needs in India, Poster presentation (Ref. No- 0136), A Elsevier Environmental Health Conf. 2011, Salvador, Brazil, 6-9 February 2011.
48.	Chakravorty, B. and Ghosh N.C., "Study of transport behavior of arsenic and evaluation of remedial options using groundwater transport model – A case study in West Bengal, India", published in the World Water Week at Stockholm 2010 org. by Stockholm International Water Institute, 219-220, September 5-11, 2010.
49.	Chakravorty, B. and Ghosh N.C., "Modelling of groundwater transport in Arsenic affected areas in Nadia and North 24-Paraganas districts of West Bengal", World Water Week- Stockholm-2010, Stockholm, Sept. 5-11, 2010.
50.	Chalisingaonkar, D. and Sarkar A., "Application of Web-based GIS for flood disaster management", Proc. Intl. Workshop on Geomorphological Hazards, Kanyakumari, India, July 21-23, 2010.
51.	Galkate, R.V., Thomas T. and Jaiswal R.K., "Low flow analysis in Kharun river basin of Chhattisgarh state", Intl. Workshop on River Management (IWRM-2010), New Delhi, Abs. pp. 22, Dec. 14-16, 2010.
52.	Goyal, V C, "Livelihood issues for sustainability of water management projects", Intl. Workshop on "Water Management", India-IIASA Programme, TIFAC, New Delhi, Sept. 3-4, 2010.
53.	Jain, C. K., "Acid mine drainage in coal mining areas of Jaintia Hills, Meghalaya", Intl. Conf. on Sustainable Water Resources Management and Climate Change Adaptation (SWRMCCA), Durgapur, Feb. 17-19, 2011.
54.	Jain, C. K., "Plan for upgrading ground water quality monitoring network for Meghalaya, India", Intl. Conf. on Community Based Water Resources Management in North East India: Lessons from a Global Context, Guwahati, Jan. 28-30, 2011.
55.	Jain, Sanjay K., Rathore D.S., Chaudhary, Anju and Garg, Vaibhav, "River shifting characteristics of Ghagara River Using Remote Sensing" Intl. Workshop on River Management (IWRM-2010), held at NASC Complex, DPS Marg, Pusa, New Delhi, December 14-16, 2010
56.	Jain, Sanjay K., Lohani A.K. and Singh R.D., "Impact of climate change on stream flow in Beas basin and Glacial lake outburst flood in Himalayan region", Indo Italian workshop on Impact of climate change and anthropogenic activities on soil and water resources, Department of Hydrology, IIT Roorkee, Oct. 22-24, 2010.
57.	Kar, A.K., Lohani A.K., Goel N.K. and Roy G.P., "Development of a fuzzy flood forecasting model for downstream of Hirakud reservoir of Mahanadi basin, India", Intl. Workshop on River Management (IWRM2010), New Delhi, India, Dec. 14-16. 2010.
58.	Khobragade, Suhas D., Senthil Kumar A.R. and Kumar Bhishm, "Estimating evapotranspiration losses from water hyacinth". Proc. Intl. Conf. on Sustainable Water Resources Management and Treatment Technologies", (WATER-2011-NEERI) org. by NEERI, Nagpur at Nagpur, 19-22 January, 2011.
59.	Kumar, Bhishm and Rai S.P., "Isotopic Signatures - A potential tool for understanding climate change". Paper Presented at the Indo-Italian Workshop on 'Impact of Climate Change and Anthropogenic Activities on Soil and Water Resources' org. at Dept. of Hydrology, IIT Roorkee, 22-24 October, 2010.
60.	Kumar, S.R., "Suitability evaluation of groundwater for irrigation : A Review WATER-CON-2011, Intl. Conf. On : Community Based Water Resources Management in Northeast India : Lessons from a Global Context Org. by PFI Foundation, Guwahati and Sponsored by Min. of Water Resources, Govt. of India, Proc. (Abstract) pp. 20, 28-30 January 2011.
61.	Kumar, S. R., "Application of Langelier Saturation Index Model to check the corrosive strength of groundwater of Guwahati (Assam). "IVth World Aqua Congress – 2010 On Emerging New Technologies in Water Sector - Present Status and Need for the Future" Org. by Aqua Foundation, Proc. Intl. Conf. 214-230. New Delhi, 8-10 Dec. 2010.
62.	Kumar, Sanjay, Thakural L.N., Jain S.K., Kumar R., and Singh R.D., "Modelling stage-discharge relationship of a river using Artificial Neural Network Technique", Intl. workshop on River Management (IWRM-2010), org. by Indian Water Resources Society (IWRS) and Dept. of Water Resources Development and Management IIT Roorkee, December 14-16, 2010.

63.	Kumar, Sudhir, Kumar B., Mishra K., "Water management in National Capital Territory (NCT), Delhi," Intl. Conf. : Cooling the Earth – Tactics for restoring Climate Order and saving the Living Planet", held at GBPUAT, Pantnagar, 15-17 November, 2010.
64.	Kumar, Sudhir, Rao SVN, "Optimal groundwater pumping from skimming wells for drinking water supply." World Water Week 2010, Stockholm, Sweden, 5-11 September, 2010.
65.	Mehta, Rama, Kumar Vipin & Deepak, "Study of climate change due to global warming", Intl. Conf. on Climate Change and Environment (ICCCE-2010), Kochi, Kerala, India, October 24-26, 2010.
66.	Rai, S. P., Kumar Bhishm, Jacob Noble, Verma S.K., Garg Pankaj and Singh R.D., "Isotopes in river management through estimating snow and glacier melt contribution in a Himalayan Catchment: A case study of river Bhagirathi in Western Himalayas, India". Intl. Workshop on 'River Management (IWRM-2010)' org. by Indian Water Resources Society (IWRS) and Dept. of Water Resources Development and Management IIT Roorkee, December 14-16, 2010.
67.	Rai, S.P., Kumar Bhishm, Arora M. and Singh, R.D., "Isotopic Characterization of Snow, Ice and Glacial Melt in Western Himalayas, India", Intl. Symp. on 'Isotopes in Hydrology, Marine Ecosystems, and Climate Change Studies', org. by IAEA, Monaco, 27 March – 1 April, 2011.
68.	Rao, M. S. & Kumar Bhishm, "Groundwater Status in Punjab," EU-India Intl. Workshop on Groundwater Protection: Sharing Lessons on Policy and Instrumentation, New Delhi, 14-15 September, 2010.
69.	Rao, M. S., Kumar Bhishm, Krishan G., Garg Pankaj, Rawat Y.S. & Ahmed Jamil, "Isotopic characterization of rainwater and air moisture at Roorkee"; Asia Oceania Geoscience Society Intern. Conf. (AOGS Session HS: 10-05), Hyderabad, 4-11 July, 2010.
70.	Rao, M. S., Kumar Bhishm, Kumar Sudhir, Krishan G., Rawat Y.S., Gupta A.K., Gupta Vishal, Garg Pankaj & Verma S.K., "Impact of landuse change on groundwater resources: A case study from Rivers Beas-Satluj Interfluvium region of Punjab"; Asia Oceania Geoscience Society (AOGS Session HS: 10-05) Intl. Conf., Hyderabad, 4-11 July, 2010.
71.	Rao, M.S., Kumar Bhishm, Purushothaman P. and Gopal Krishan, "Isotopic analysis of nitrates: methodological developments in pollution studies", 5 th Intl. Nitrogen Conf., New Delhi, 3-7, December, 2010.
72.	Sarkar, A., Sharma Nayan and Singh R.D., "Sediment runoff modelling using ANNs in an eastern Himalayan basin, India. Intl. workshop on River Management (IWRM-2010), org. by Indian Water Resources Society (IWRS) and Dept. of Water Resources Development and Management IIT Roorkee, New Delhi, India, December 14-16, 2010,
73.	Sarkar, A., Singh R.D. and Sharma N., "Spatio-temporal variation of snow cover in a part of Brahmaputra basin based on MODIS/Terra", Proc. Intl. Symposium on "Benefiting from Earth Observation: Bridging the Data Gap for Adaptation to Climate Change in the Hindu Kush-Himalayan Region", Kathmandu, Nepal, 4-6 October 2010.
74.	Sarkar, Archana; Sharma N., Garg R.D., Arora M. and Singh R.D., "Spatio-temporal morphological changes of the Braided Brahmaputra River in India, Proc. Intl. Workshop on Geomorphological Hazards, Kanyakumari, India, July 21-23, 2010.
75.	Satyaji Rao, Y.R., Keshari A.K and Gosain A.K., "Impact of septic tanks on shallow groundwater quality in the coastal plains of Andhra Pradesh", Proc. Intl. Workshop on Groundwater Protection org. by Mott MacDonald and DHI, Delhi, 14-15 September, 2010.
76.	Sharma, M. K., "Present water quality status in India and future scenario", Proceeding on Indo-Italian Workshop on "Impact of Climate Change and anthropogenic activities on Soil and Water Resources" org. by Department of Hydrology, IIT, Roorkee, 157-167, October 22-24, 2010.
77.	Sharma, M. K., Choubey V. K. and Singh R. D., "Pesticides pollution in ground water sources in and around Vadodara City, Gujarat, India", Proc. of the Intl. Conf. on "Sustainable Water Resources Management and Climate Change Adaptation (SWRMCCA), National Institute of Technology, Durgapur, February 17-19, 2011.

78.	Singh, Omkar, Choubey V.K. and Singh R.D., “Eutrophication: A pollution indicator of water bodies for their conservation & management”, Proc. Intl. Conf. on “Sustainable Water Resources Management and Climate Change Adaptation (SWRMCCA), National Institute of Technology, Durgapur, Vol. I, 237-245, February 17-19, 2011.
79.	Singh, Omkar, Kumar Vijay, Rai, S.P., Choubey V.K. and Singh R.D., “Irrigation water quality of perennial Nallas and Tributaries of Ranbir Canal in Jammu District”, Intl. workshop on River Management (IWRM-2010), org. by Indian Water Resources Society (IWRS) and Dept. of Water Resources Development and Management IIT Roorkee, December 14-16, 2010.
80.	Singh. D, Kumar A.R.S, Garg P.K., “Role of women in water conservation”, Intl. Conf. on Community Based Water Resource Management in Northeast India: Lessons from a Global Context Guwahati (India), 28-30 January, 2011.
81.	Thakural, L.N., Kumar Sanjay., Jain, S.K., Kumar, R., Singh, R.D., “Evaluating crop water requirements using Remote Sensing and GIS”, Intl. Conf. on sustainable water resources management and Climate Change adaptation, Durgapur, West Bengal, February 17- 19, 2011.
82.	Thomas, T., Jaiswal R.K., and Galkate R.V., “Daily runoff simulation of Sonar and Bearma basins of Ken river system”, Intl. Workshop on River Management, (IWRM-2010), New Delhi, India., Abs. pp. 27, Dec. 14-16, 2010.

E. Research Papers in National Conferences

83.	Agarwal, A., Senthil Kumar A.S, Kasiviswanathan KS., Kumar Rakesh and Nema R.K., “Static radial basis function artificial neural network for rainfall-runoff modelling under varying learning rates and iterations”, 14 th Natl. Symp. on Hydrology with special theme on ‘management of water resources during drought situation’, Org. by NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
84.	Arora, M., “Climate Change and water Resources of India. Natl. Sem. on “Global warming and its effects on water resources”, Graphic Era University, Dehradun, Page 1-14, Dec 03-04, 2010.
85.	Arora, M., Kumar R. and Kumar N., “Temperature index modelling of Gangotri Glacier melt Stream”, Natl. Workshop on Case Studies on Real Time Hydrological Modelling for Ganga Brahmaputra Basin, NIT Rourkela, pp 20, September 23-25, 2010.
86.	Arora, M., Kumar R., Singh R.D. and Kumar N., “Climate variability analysis on flow duration curve of a large Himalayan River. Regional Workshop on Water Availability and Management in Punjab”, Punjab University, Chandigarh, 101-107, December 13-15, 2010.
87.	Bhunya P K, Singh RD and Ronny Berndtsson, “Regional floods using L-moments”, Symp. WRMSD–2010, Institute of Advance Technology & Environmental Studies (IATES), Bhubaneswar, May 19-21, 2010.
88.	Bhunya, P.K, Gupta U.P., Lohani, A.K. and Singh R. D., “Regional analysis of annual maximum and partial duration flood series using non-parametric and L-moment approaches”, 14 th Natl. Symp. on Hydrology with special theme on ‘management of water resources during drought situation’, Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
89.	Chakravorty, B., Lohani A.K., Pandey N.G. and Ramana R. V., “Decision support system in water resources planning – Case study”, 14 th Natl. Symp. on Hydrology with special theme on ‘management of water resources during drought situation’, Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
90.	Chakravorty, B., Ramana R.V. and Pandey N.G., ‘Climate change and its impact on water resources with special reference to Ganga Basin’, Proc. Natl. Sem. on ‘Climate Change and its Impact on Water resources org. by IWRS, Patna Centre, April 23, 2010.
91.	Chalisgaonkar, Deepa and Suhas Khobragade, “Web based information system for major and important lakes in India”, 14 th Natl. Symp. on Hydrology with special theme on ‘management of water resources during drought situation’, Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.

92.	Chaube, U.C., Pandey R.P. and Tirkey Gulsan, "Agricultural drought and water transfer in South Ganga basin", Key Note Paper presented in 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, pp.9-21, December 21-22, 2010.
93.	Durbude, D.G. and Choubey V.K., "Application of RS and GIS for the assessment of physical characteristics of watershed, 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
94.	Dwivedi, A.K., "Biodiversity: measurement, distribution, impact of climate change and related provisions", Natl. Sem. on Impact of Polluted Environment & Global Warming on Agriculture, sponsored UGC, New Delhi and Org. by BSM (PG) College, Roorkee, December 3-5, 2010.
95.	Galkate, R.V., Pandey R.P., Thomas T. and Jaiswal R.K., "Identification of meteorological and hydrological droughts in Central India", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, pp.22, December 21-22, 2010.
96.	Ghosh Bobba, A. and Satyaji Rao Y.R., "Simulation of salt water intrusion into Godavari Coast of Andhra Pradesh, India, due to Anthropogenic Effects and climate change", Souvenir Natl. Conf. on Geosciences & Water Resources for Sustainable Dev. GWRSD, Dept. of Geophysics, Andhra Univ., Visakhapatnam, AP, 173, 11-12, February, 2011.
97.	Ghosh, N.C., and Anupma Sharma, "Groundwater modeling: A planning tool for emerging groundwater management challenges in India", Indo-US Workshop on Agro-Climatological and Water Resource Availability Modeling for Agrl. Management, org. by Ministry of Earth Sciences, GoI, at New Delhi, 22-23 March, 2011.
98.	Ghosh, N.C., "Scarcity and excess: two extremities of water resources adversity – Case studies from Rajasthan", Proc. Natl. Sem. on "Water Auditing, Jaipur, May 18-20, 2010.
99.	Goel, M. K., "A model for conjunctive use of water resources in an irrigation system", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
100.	Goel, M. K., Mali Santosh S., and Kumar Naresh, "Hydrological evaluation of a pond in the Kandi-belt", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
101.	Goyal, V C, "Appropriate technology for livelihood in rural areas". "Science for rural societies programme", at LBS National Academy of Administration, Mussorie, Dec 7, 2010.
102.	Goyal, V C, "Emerging technologies for water management". Keynote Paper, National Workshop on "Harvest rainwater & recycle water for future", Pune, July 16, 2010.
103.	Goyal, V C, "Instruments and monitoring techniques for watershed projects". State Level Watershed and Rain Water Harvesting Workshop, Dehradun, February 3, 2011.
104.	Goyal, V C, "Surface water availability and water retaining structures specific to Bundelkhand region". Workshop on 'Developing Drinking Water Security Plan for districts in Bundelkhand region of UP State' Jhansi, August 18-20, 2010.
105.	Jain, C. K., "Clean water for a healthy world: Key issues", Proc. Sem. on Clean Water for a Healthy World, The Institution of Engineers (India), Assam State Centre, Guwahati, pp. 10-17, May 26, 2010.
106.	Jain, C. K., "Endemic of fluorosis: prevention and control", Proc. Sem. on Clean Water for a Healthy World, The Institution of Engineers (India), Assam State Centre, Guwahati, pp. 54-62, May 26, 2010.
107.	Jain, S.K., Keshri R., and Anju Chaudhary, "Drought monitoring in Southern Rajasthan using remote sensing data", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
108.	Jain, Sanjay K., Thakural L.N. and Anju Chaudhary., "Snow and glacier melt contribution in a Himalayan basin", Regional workshop on Water Availability and Management in Punjab, Chandigarh, 287-294, 13-15 December, 2010.

109.	Jaiswal, R.K., Galkate R.V. and Thomas T., "Geomorphology based sediment prediction rate (SPR) model for prioritization of watersheds in Nauradehi wild life sanctuary", Natl. Sem. on Application of Geoinformatics for National Dev. (ANGDAM), Dr. H.S. Gour University, Sagar, MP, Abs. pp. 22, Nov. 29-30, 2010.
110.	Jaiswal, R.K., Thomas T., Galkate R.V. and Fuskelay B.K., "GIS based quick appraisal of groundwater scenario drought prone Chhattarpur district (M.P)", Natl. Conf. on Hydrologic Information System, Sagar, M.P, May 11 & 12, 2010.
111.	Jaiswal, R.K., Thomas, T., Galkate R.V., Ghosh N.C. and Tyagi J.V., "RUSLE model based soil loss estimation from a catchment in Bundelkhand region", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by NIH, Roorkee, and MNIT, Jaipur, at Jaipur, pp.71, December 21-22, 2010.
112.	Jayakanthan, V.S. and Mohanrangan, D., "Assessment of sedimentation in Vagai reservoir, Tamilnadu using remote sensing technique" Published in Natl. Conf. on Hydraulics, water resources, Coastal and Environmental Engineering, HYDRO-2010, at Ambala, Haryana, 16-18, December 2010.
113.	Jayasree, V. & Venkatesh B., "Flood frequency analysis of Rohini in East Uttar Pradesh - a case study", Proc. of Natl. Sem. on " Disaster Risk and Vulnerability Conf. Org. by Mahatma Gandhi University, Kottayam Kerala, 2011.
114.	Kar, A.K., Lohani A.K., Goel N.K. and Roy G.P. "Changing climate of Mahanadi basin", 2nd Intl. Conf. on Climate Change and Sustainable Management of Water Resources (TIMS10) at ITM Universe Gwalior, India, Dec. 5-7, 2010.
115.	Khobragade, S.D., Ojha CSP and Singh R.D., "Evaluation of some selected models of estimating evaporation for a semi-arid region in India", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
116.	Khobragade, Suhas D. and Senthil Kumar A. R. "Modelling evaporation under limited data availability conditions", Proc. Natl. Conf. on Hydraulics, Water resources, Costal and Environmental Engineering (HYDRO-2010) org. by M. M. University, Ambala and Indian Society for Hydraulics, M. M. Univ. Ambala (Haryana), December 16-17, 2010.
117.	Khobragade, Suhas D., Senthil Kumar A. R., Ojha C.S.P and Singh R.D., "Pan coefficients for Udaipur region, Rajasthan", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
118.	Krishna, B. and Satyaji Rao Y.R., "Time series modeling of groundwater levels using wavelet neural networks", Natl. Conf. on "Sustainable development of water resources and environmental management-SWDEM 2011", Sri Balaji College of Engg. & Tech., Jaipur, CD copy, February 25-26, 2011.
119.	Kumar, C. P. and Singh Surjeet, "Impact of climate change on water resources and National Water Mission of India", Proc. of Natl. Sem. on Global Warming and its Impact on Water Resources, Kolkata, Vol.1, 1 9, January 14, 2011.
120.	Kumar, Pradeep, "Environmental flow assessment for a hydropower project in Western Himalaya", Workshop on "Water Resources of Western Himalaya: Problems and Possibilities" Org. by National Institute of Hydrology, Jammu, March 25, 2011.
121.	Kumar, Rakesh, Arora Manohar, Tyagi Jaivir, Pandey R.P. and Patra J.P., "Regional flood frequency analysis using L-moments for Chambal Basin – Subzone 1(B)", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
122.	Kumar, Rakesh; Chatterjee C., Singh R.D., Lohani A.K. and Kumar S., "Flood estimation for an ungauged catchment using geomorphological instantaneous unit hydrograph (GIUH) models", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.

123.	Kumar, S.R, "Adoption of Kostiaikov Infiltration Model to determine the soil Infiltration for efficient water resources management", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, Abs. pp.98-99, December 21-22, 2010.
124.	Kumar, S.R. and Patwary B.C., "Advancements in hydrological instrumentation for integrated water resources management". Workshop on "Integrated Water Resources Management" Org. by CGWB, Shillong, 107-118, 1-2 Nov., 2010.
125.	Kumar, S.R. and Patwary B.C., "pH and corrosivity scenario of shallow groundwater in Guwahati". Proc. Sem. on Clean water for a Healthy World, The Institution of Engineers (India), Assam State Centre, Guwahati, pp. 41-46, May 26, 2010.
126.	Kumar, S.R., Chakma S. and Patwary B.C., "Infiltration characteristics for various land uses in Kulsu River Basin (Assam/Meghalaya)", Natl. Workshop on "Case Studies on Real Time Hydrological Modelling for Ganga- Brahmaputra Basins", Org. by NIT Rourkela. Proc. Abs. pp 17-18, September 23-25, 2010.
127.	Kumar, Sanjay, Thakural L.N., Kumar Rakesh, Rathore D.S. and Pandey R.P., "Time series modeling of water table fluctuation in a watershed", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, pp.103, December 21-22, 2010.
128.	Kumar, Sudhir, Majumdar P K, Mishra K., "Regional groundwater modelling of central Punjab." Regional Workshop 'Water Availability and Management in Punjab (WAMIP-2010)", PU, Chandigarh, 13-15 December, 2010.
129.	Kumar, Sudhir, Upadhyay M.K., Mishra K., "Network design for groundwater monitoring – A case study from Amritsar District, Punjab." Regional Workshop 'Water Availability and Management in Punjab (WAMIP-2010), PU, Chandigarh, 13-15 December, 2010.
130.	Kumar, Vijay; Sharad K Jain, Yatveer Singh, "Annual and seasonal rainfall trends over different districts of Punjab, Regional Workshop on Water Availability and Management in Punjab (WAMIP-2010), PU Chandigarh, 13-15 December, 2010,
131.	Pandey R. P., Kumar Rakesh and Singh R.D., "Climate change and its significance on hydrologic extremes", Key note paper presented in Natl. Symp. on "Climate Change and its Impact on Water Resources. Org. by Indian Water Resources Society (IWRS) Patna Center, Patna, pp.1-10, April 23, 2010.
132.	Pandey R.P., "Indices for integrated assessment of vulnerability to drought", Lead paper presented in Brain Storming Session on National Action Plan for Drought Mitigation", Natl. Academy of Agrl. Sciences, New Delhi, pp.1-13, 26 Nov. 2010.
133.	Pandey R.P., Kumar Rakesh and Singh R.D., "Assessment of drought characteristics in Bundelkhand Region of India", Natl. Sem. on Agricultural Engineering: the way to improve rural economy", held at IGKV, Raipur, 03-04 January, 2011.
134.	Pandey, N.G., Chakravorty B., Ramana R. V., and Mani. P. "Short duration rainfall analysis for Punpun Basin" 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
135.	Pandey, R.P., Sah Rajendra Prasad and Singh Ranvir, "Assessment of drought severity in Kshipra Basin, India", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, pp.39, December 21-22, 2010.
136.	Patra, J. P., Mishra A., Singh R., Raghuwanshi N.S., "Drought assessment of Orissa state based on the Reconnaissance Drought Index (RDI)". 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
137.	Patwary, B.C. and Kumar S.R., "Concept of Representative Basin and Strategies of Integrated Water Resources Management Studies - A Case Study of Dudhna River Basin (Assam/Meghalaya)". Workshop on "Integrated Water Resources Management" Org. by CGWB, Shillong, 125-138, 1-2 Nov. 2010.

138.	Pooja Devi, Rao M. S., Kumar Bhishm & Jain A.K., "Recent dev. in Isotope Ratio Mass Spectrometry" 4th Conf. on Recent Trends in Instrumental Methods of Analysis, IIT Roorkee, Roorkee, Feb. 18-20, 2011.
139.	Purandara, B.K., Shivapur A.V. and Choubey V.K., "Spatial variation of hydraulic properties of soils in Bellary Nala Catchment, Belgaum, Karnataka. Proc. HYDRO 2010.
140.	Purandara, B.K., Shivapur A.V. and Choubey V.K., "Rainwater harvesting for sustainable water resources dev.- evaluation methods". Natl. Conf. on Geosciences and Water Resources for Sustainable Dev., Souvenir Vol., Dept. of Geophysics, Andhra University, Visakhapatnam, pp.28, February 11-12, 2011.
141.	Purandara, B.K., Chandrakumar S and Choubey V.K., "Ecohydrological analysis using soil hydrological parameters – A case study", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
142.	Purandara, B.K., Varadarajan N, Venkatesh B., and Choubey V.K. "Simulation of soil moisture movement in Ghataprabha Representative Basin", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
143.	Purandara, B.K., Varadarajan N., and Sameer Y., "Assessment of groundwater impact using VLEACH model- a case study", Proc. Natl. Sem. on "Sustainability of Groundwater Resources" (ed. By Dr. K. Md. Najeeb et.al.) CGWB and Kuvempu University, 167-174, 2011.
144.	Purushothaman P., Rao M. S., Kumar Bhishm, Gopal Krishan and Rawat Y. S., "Identification of the source of salinity in the groundwater of Bist Doab Region, Punjab using Electrical Conductivity and Isotopic data. Regional Workshop on Groundwater Salinity: Assessment, Management and Mitigation, Karnal, Haryana, March 18-19, 2011.
145.	Rai, S. P, Kumar Bhishm, Noble Jacob., Verma, S. K and Pankaj Garg. "Snow and glacier melt contribution in upper part of Bhagirathi river, western Himalayas, India using isotopic techniques", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
146.	Rai, S.P. and Kumar Bhishm, "Application of isotopes in identification of recharge zones of groundwater in mountainous area: A case study of Bhagirathi Basin, Western Himalayas, India", Proc. Natl. Symp. on 'Geology and Mineral Resources of Bundelkhand Craton (GMRB-2010) & '15 Annual Congress of the South Asian Assoc. of Economic Geologists', Bundelkhand University, Bundelkhand, 8-10 October 2010.
147.	Ram, Shobha; Majumdar P.K. and Jose M. K. "Chronological dev. of water resources, irrigation and food production in central Punjab", Natl. Sem. on Global Warming and its Effects on Water Resources, Graphic Era, Dehradun, December 2010.
148.	Ram, Shobha; Garg Pankaj and Kumar Sudhir, "Data analysis for characterization of depleting water table and water quality in Central Punjab." Regional Workshop 'Water Availability and Management in Punjab (WAMIP-2010)', PU, Chandigarh, 13-15 December, 2010.
149.	Ramana, R. V., Pandey N.G., Chakravorty B. and Mani P. "Storm water drainage problem and surface flooding of Patna Town" published in the proceeding of HYDRO-2010, Natl. Conf. on Hydraulics, Water resources, Costal and Environmental Engineering, M. M. University Ambala(Haryana), 16-18 December, 2010.
150.	Rao M. S. and Kumar Bhishm, "Distribution of saline groundwater in NCT, Delhi and investigation of its origin using isotopic and hydrological techniques" Regional Workshop on Groundwater Salinity: Assessment, Management and Mitigation, March 18-19, Karnal, Haryana, 2011.
151.	Rao M. S., Kumar Bhishm and Rai S.P., "Isotopic techniques for the identification of recharge sources and recharge zones" Natl. Sem. on Water Auditing, Univ. of Rajasthan, Jaipur (India), 18-19 May, 2010.
152.	Rathore, D.S., Sanjay K Jain and Singh R. D., "RS and GIS applications in zonation of waterlogging in Irrig. Command, Brainstorming session on management of waterlogging in Harayana, Harayam Remote Sensing Application Centre, at Haryana Bhawan, New Delhi, 21 October, 2010.
153.	Rathore, D.S., Pandey R.P. and Singh Yatveer, "Study of drought in two districts of Andhra Pradesh". 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, India. pp.44, 21-22 Dec., 2010.

154.	Sameer, V.Y, Happannanavar U.S., and Purandara, B.K., “Chloride content in groundwater – a case study for Belgaum city”, Proc. of Natl. Conf. on Water for Future, Dept. of Civil and Water Management Engg., SGGS Institute of Eng. and Tech. Nanded, 2011.
155.	Sarkar, A., Kumar R. and Singh R.D., “Impact of climate change on water resources: Indian scenario”, Proc. Natl. Sem. on Water Auditing, May 18-19, 2010, Rajasthan Univ., Jaipur, India.
156.	Sarkar, A., Singh R.D. and Sharma, N., “Variability and trends in temperature in part of Brahmaputra River Basin”, Proc Natl. Sem. on Global Warming and its Impact on Water Resources, Kolkatta, 14 Jan., 2011.
157.	Sarkar, Archana; Sharma Nayan, Garg R.D. and Singh R.D., “Spatio temporal assessment of river bank erosion using RS & GIS techniques”, Proc Natl. Conf. on “Landslide Hazard–Consequences & Challenges”, CBRI, Roorkee, UA, 10-12 Feb., 2011.
158.	Sarkar, Archana; Sharma Nayan, Garg R.D., Arora Manjeet and Singh R.D., “Spatio-temporal morphological changes of the Braided Brahmaputra River in India, Poc. Intl. Workshop on Geomorphological Hazards, Kanyakumari, India, July 21-23, 2010.
159.	Sarkar, Archana; Kumar Rakesh, Singh R.D. and Sharma Nayan, “Application of ANN technique in rainfall-runoff modelling”, Proc 14 th Natl. Symp. on Hydrology with focal theme on “Management of Water Resources under Drought Situation”, Jaipur, 21- 22 Dec, 2010.
160.	Satyaji Rao, Y.R. and Kumar Bhishm, “Groundwater salinity characterization along the coastal Andhra Pradesh”, Proc. of Brainstorming session on Seawater Intrusion in Coastal areas under WAR for water Programme, Andhra Univ., 27-28 August, 2010.
161.	Satyaji Rao, Y.R., Vijaya T. and Mohan Rangan, “Impact assessment of septic tanks on the shallow groundwater quality using Geographical Information System”, Souvenir, Natl. Conf. on Geosciences & WR for Sustainable Dev. GWRSD, Dept. of Geophysics, Andhra Univ., Visakhapatnam, AP, 160-161, 11-12, February, 2011
162.	Senthil Kumar, A. R., Khobragade S. D., Singh R. D and Nema R. K. “Simulation of sediment yield at Bhakra reservoir”, 14 th Natl. Symp. on Hydrology with special reference to drought”, Org. by NIH, Roorkee jointly with MNIT, Jaipur at MNIT Jaipur, 21-22, December, 2010.
163.	Senthil Kumar, A. R., Khobragade S. D., Singh R. D. and Nema R. K., “Study on consolidation of sediment in a reservoir”, 14 th Natl. Symp. on Hydrology with special reference to drought”, Org. by NIH, Roorkee jointly with MNIT, Jaipur at MNIT Jaipur, 21-22, December, 2010
164.	Senthil kumar, A. R., Khobragade S. D., Arora Manohar, Singh R. D. and Nema R. K., “Streamflow modelling at Rampur, Sutlej Basin, Punjab”. Proc. Regional Workshop on Water Availability and Management in Punjab, Org. by NIH Roorkee jointly with Dept. of Geology, PU, Chandigarh and CGWB, North-West Regional Centre, Chandigarh, 13-14 December, 2010.
165.	Sharma, M.K. and Choubey V.K., “Ground water quality assessment and identification of source of pollution in the metropolitan city of Baroda, Gujarat, India, 14th Natl. Symp. on Hydrology with special reference to drought, Org. by NIH, Roorkee jointly with MNIT, Jaipur at MNIT Jaipur, 21-22, December, 2010.
166.	Singh, Digamber, Garg P.K., Water conservation (Hindi Poster presentation), National Science Congress in Indian Languages, NPL, New Delhi, Nov 22-23, 2010.
167.	Singh, Omkar, Choubey V.K and Singh R.D., “Vibhinn prakar ke bhu-upyogon evam mradaon me antasyandan (Infiltration) gun- ek jal vigyaniya addhyan”, Paper presented in a “National Science Congress in Indian Languages, NPL, Delhi, 22-23 November, 2010.
168.	Singh, Omkar, Sharma M.K., Choubey V.K. and Singh R.D., “Statistical analysis of groundwater quality data of Haridwar and Dehradun Districts”, 14th Natl. Symp. on Hydrology with special reference to drought”, Org. by NIH, Roorkee jointly with MNIT, Jaipur at MNIT Jaipur, 21-22, December, 2010.
169.	Singh, R.D., Arora M. and Kumar R., “Snow/glacier melt contribution to run-off in the Himalayan Rivers – assessment of potential impact of climate change”, Natl. Convention of Global India Scientists and Technocrats”, Pune, pp.14, 26-27 Dec, 2010.
170.	Singh, R.D., Arora M., and Kumar R., “Climate change and Himalayan water resources. Natl. Workshop on Case Studies on Real Time Hydrological Modelling for Ganga Brahmaputra Basin”, NIT Rourkela, pp. 4, 23-25 September, 2010.

171.	Singh, R.D., Surjeet Singh and Ghosh NC, "Climate change-ground water sustainability and the role of MGNERGA in rainwater harvesting and aquifer recharge", 3rd Natl. Groundwater Congress, jointly org. by CGWB, NIH and CWC, New Delhi 22-23 March, 2011.
172.	Thakural, L.N., Jain S.K., Kumar S., Rathore D.S., and Singh R.D., "Assessment of irrigation water requirements in a command area using RS And GIS approach, Maharishi Dayanand College of Arts, Science & Commerce and Intl. Society of Science and Tech., Mumbai, February 2-3, 2011.
173.	Thayyen, R. J. "Climate Change and water resources of Jammu and Kashmir: "Cryospheric system perspective", In: Regional workshop on "Setting up of Policy Platform on Climate change". Org. by Department of Forest and dept. of Environmental Ecology and Remote Sensing, J&K Govt., Jammu on March 12, 2011.
174.	Thayyen, R. J., "Glacier change and its effect on stream flow – new insight from the Himalayas", Invited lecture In: Sem. on Environmental Research and Monitoring in the Himalaya in the climate change perspective, org. by Italian Embassy as part of Delhi Sustainable Development Summit(DSDS)-2011, New Delhi, February 3 2011.
175.	Thayyen, R. J. "Water resources of Western Himalaya: climate change perspective", In: Workshop on "Water Resources of Western Himalaya: Problems and Possibilities", National Institute of Hydrology, Jammu, March 25, 2011.
176.	Thomas, T., Ghosh N.C., Galkate R.V. and Jaiswal R.K., "Assessment of drought scenario for water resources dev. in Panna district of Bundelkhand Region", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, pp.40, December 21-22, 2010.
177.	Thomas, T., Jaiswal R.K., and Galkate R.V., Ghosh N.C. and Singh S., "Land capability based sustainable development and management in Sonar basin – a case study", Natl. Sem. on Application of Geoinformatics in National Dev. (ANGDAM), Dr. H.S. Gour University, Sagar (M.P), Abs. pp. 24, Nov. 29-30, 2010.
178.	Tyagi, J.V., Jain S.K., Kumar, R. and Singh, R.D., "Agricultural drought mitigation at watershed scale", 14 th Natl. Symp. on Hydrology with special theme on 'management of water resources during drought situation', Org. by the NIH, Roorkee, and MNIT, Jaipur, at Jaipur, December 21-22, 2010.
179.	Tyagi, J.V., Kumar R. and Singh R.D., "Analysis of soil moisture variability in relation to natural regeneration of Sal", Proc. National Conf. on "Landscape Restoration Processes - Challenges and opportunities, FRI Dehradun, Feb. 22-23, 2011.
180.	Tyagi, J.V., Kumar Rakesh and Singh R.D., "Water conservation and management in crop production", Proc. Regional Workshop on Water Availability and Management in Punjab, Org. by NIH Roorkee jointly with Dept. of Geology, PU, Chandigarh and CGWB, North-West Regional Centre, Chandigarh, 13-14 December, 2010.
181.	Varadarajan, N., and Purandara B.K., "Groundwater quality investigations – a case study", Proc. Natl. Conf. on Water for Future, Dept. of Civil and Water Management Engg., SGGS Institute of Engineering and Technology, Nanded, 295-304, 2011.
182.	Venkatesh, B., Varadaraju S., and Ramesh N., "Dev. of rainfall intensity-duration-frequency relationship for parts of Western Ghats in Karnataka state", Proc. Sem. on Case Studies on Real Time Hydrological Modelling for Ganga-Brahmaputra Basins, NIT, Rourkela, pp.390-398, 23-25 September, 2010.
183.	Vijaya Kumar, S.V., Mohan Rangan D. and Rao U.V.N., "Rainfall measurement and analysis for application in roof water harvesting systems" Souvenir, Natl. Conf. on Geosciences & Water Resources for Sustainable Dev. GWRSD, Dept. of Geophysics, Andhra University, Visakhapatnam, AP, 173, February 11-12, 2011
184.	Vijaya Kumar, S.V., Rao P.R., Vijaya T., Rao U.V.N. and Kumar Bhishm, "Stable isotope characterization of groundwater in Pushkar Canal Command Area", Natl. Sem. on Dev. and Sustainability of Earth Resources and Environment, School of Earth & Atmospheric Sciences, Adikavi Nannaya Univ., Rajahmundry, AP, 12-13 March, 2011.