

A. Books Published

1.	Jain, S.K., Agarwal, P.K. and Singh, V.P., "Hydrology and Water Resources of India". Published by Springer Publishers, The Netherlands, 1267, 2007.
2.	Romani, Saleem, Sharma, K.D., Ghosh, N.C. and Kaushik, Y.B. (editors), "Groundwater Governance: Ownership of Groundwater and its Pricing", Capital Publishing Company, New Delhi, 514, 2006.
3.	Sharma, B.R., Karen, V.G. and Sharma, K.D. (editors), "Groundwater Research and Management: Integrating Science into Management Decision (Groundwater Governance in Asia Series)", International Water Management Institute, Colombo, 282, 2006.
4.	Sharma, K.D. and Soni, B. (editors), "Land Use Diversification for Sustainable Rainfed Agriculture", Atlantic Publishers and Distributors, New Delhi, 410, 2006.
5.	Agarwal, P.P. and Bhatia, K.K.S. (editors), "Environmental Considerations in Planning and Design of Power Projects", Paramount Offset Printers, Roorkee, 364, 2006.

B. Chapters in Books

1	Anandhakumar, K.J., Vijay Kumar, S.K. Maanjhu, P. Das, "Groundwater management options – a case study of Western Yamuna Canal Command, Haryana", In: Groundwater Governance: Ownership of Groundwater and its Pricing, (edited by S. Romani, K.D. Sharma, N.C. Ghosh and Y.B. Kaushik), Capital Publishing Company, New Delhi, 171-180, 2006.
2	Bhatia, K. K. S., "Predictions in ungauged basin and sustainable water resources – an overview", In: Predictions in Ungauged Basins for Sustainable Water Resources Planning and Management (edited by K. Srinivasa Raju), Jain Brothers, New Delhi, ISBN: 81-8360-044-1, 1-16, 2006.
3	Bhunya, P.K. and Jain, S.K., "Flood estimation in ungauged basins using non-dimensional analysis to regional data", In: Predictions in Ungauged Basins for Sustainable Water Resources Planning and Management (edited by K. Srinivasa Raju), Jain Brothers, New Delhi, ISBN: 81-8360-044-1, 63-84, 2006.
4	Bhunya, P.K., S.K. Mishra, C.S.P. Ojha and R. Berndtsson, "Flood Estimation in ungauged catchments", In: Advances in Hydraulics and Hydrology, (edited by Prof. V.P. Singh), Water Resources Publication, U.K., 2007.
5	Ghosh, N.C. and Sharma, Anupma, "Groundwater governance: few pertinent issues relating to availability and possible threat", In: Groundwater Governance: Ownership of Groundwater and its Pricing, (edited by S. Romani, K.D. Sharma, N.C. Ghosh and Y.B. Kaushik), Capital Publishing Company, New Delhi, 297-310, 2006.
6	Ghosh, N.C. and Sharma, K.D., "Groundwater models: how the science can empower the management?", In: Groundwater Research and Management: Integrating Science into Management Decisions, (edited by B.R. Sharma, K.G. Villholth and K.D. Sharma), International Water Management Institute, Colombo, 115-133, 2006
7	Jain, S.K., Kumar, R. and Sharma, K.D., "Monitoring and management of water resources", In: Geoinformatics Applications in Agriculture, (edited by A.K. Singh and U.K. Chopra), New India Publishing Agency, New Delhi, 175-207, 2007.
8	Jha, R. and Sharma, K.D., " Assessment of Environmental flows in River Baitarani of India using hydrological data", In: Environmental Flows (Edited by: Jayant

	Bandopadhyay), IIM, Kolkata, 2007.
9	Kumar, Rakesh; Sarkar, Archana; Kumar, Sanjay; Lohani, A. K. and Singh, R. D., "Prediction of floods of various return periods for gauged and ungauged catchments using L-moments based regional flood frequency analysis", In: Predictions in Ungauged Basins for Sustainable Water Resources Planning and Management (edited by K. Srinivasa Raju), Jain Brothers, New Delhi, ISBN: 81-8360-044-1, 85-98, 2006.
10	Lohani, A.K., Kumar, Rakesh, Nema, R.K. and Singh, R.D. , "GIUH Based Approach for Design Flood Estimation", In: Predictions in Ungauged Basins for Sustainable Water Resources Planning and Management (edited by K. Srinivasa Raju), ISBN, Jain Brothers, New Delhi, 81-8360-044-1, 99-110, 2006.
11	Nema, R.K., Awasthi, M.K., Tiwari, Y.K. and Shrivastava, R.N., "Affectivity and extent of Haveli areas – a system of water prosperity", In: Groundwater Governance: Ownership of Groundwater and its Pricing, (edited by S. Romani, K.D. Sharma, N.C. Ghosh and Y.B. Kaushik), Capital Publishing Company, New Delhi, 153-160, 2006.
12	Rai, S.P., Kumar, Bhishm, Jacob, Noble, Navada, S.V., Verma, S.K., Garg, Pankaj and Rawat, Y.S., " Origin and recharge zones of ground water in a Himalayan catchment: an isotopic approach", In: Groundwater Governance: Ownership of Groundwater and its Pricing, (edited by S. Romani, K.D. Sharma, N.C. Ghosh and Y.B. Kaushik), Capital Publishing Company, New Delhi, 65-72, 2006.
13	Rao, S.V.N., Kumar, Sudhir; Shekhar, Shashank, and Sinha, S.K., "Optimal groundwater pumping from Palla Well Fields to augment drinking water supply to Delhi", In: Groundwater Governance: Ownership of Groundwater and its Pricing, (edited by S. Romani, K.D. Sharma, N.C. Ghosh and Y.B. Kaushik), Capital Publishing Company, New Delhi, 51-64, 2006.
14	Saravanan, K., Kashyap, Deepak and Sharma, Anupma, "Modelling of a scavenger well system", In: Groundwater Governance: Ownership of Groundwater and its Pricing, (edited by S. Romani, K.D. Sharma, N.C. Ghosh and Y.B. Kaushik), Capital Publishing Company, New Delhi, 141-152, 2006.
15	Sharma, K.D. and Jha, R., "Water pollution, prevention, remedies and safe drinking water", In: Water Vision, Rotary Club, Jaipur, 94-107, 2006.
16	Sharma, K.D. and Singh, H.P., "Land use diversification for sustainable rainfed agriculture in the 21 st century", In: Land Use Diversification for Sustainable Rainfed Agriculture, (edited by K.D. Sharma and B. Soni), Atlantic Publishers and Distributors, New Delhi., 3-23, 2006.
17	Sharma, K.D., "Groundwater governance: The Indian scenario", In: Groundwater Governance: Ownership of Groundwater and its Pricing, (edited by S. Romani, K.D. Sharma, N.C. Ghosh and Y.B. Kaushik), Capital Publishing Company, New Delhi, 277-285, 2006.
18	Sharma, K.D., Pandey, R.P. and Mishra, P.K., "Hydrological drought: assessment methods for stream flow and groundwater", In: Drought Management Strategies in India, (edited by J.S. Samra, Gurbachan Singh and J.C. Dagar), Indian Council of Agricultural Research, New Delhi, 80-102, 2006.
19	Vijaya Kumar, S.V., Saheb, S.M., Rao, U.V.N., "Introduction to Percent Mass Curve for Rainfall and Runoff to Monitor Long term Processes", In: Predictions in Ungauged Basins for Sustainable Water Resources Planning and Management (edited by K. Srinivasa Raju), Jain Brothers, New Delhi, ISBN: 81-8360-044-1, 255-264, 2006.

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C. Research Papers in International Journals

1.	Agarwal, Avinash, Mishra, S.K., Ram, Shobha and Singh, J.K., "Simulation of runoff yield using Artificial Neural Networks", Biosystems Engineering, 1, 94(4), 597-613, 2006.
2.	Arora, Manohar, Singh, P., Goel, N.K., and Singh, R.D., "Spatial distribution and seasonal variability in a mountainous basin in the Himalayan region", Water Resources Management, 20, 489-508, 2006.
3.	Bhunya, P.K., Ronny Berndtsson, Ojha, C.S.P. and Mishra, S.K., "Suitability of Gamma, Chi-square, Weibull and Beta distributions as synthetic unit hydrographs", Journal of Hydrology, Elsevier, 334, 28-38, 2007.
4.	Goel, M. K., Kumar, Pramod; Jain, S. K.; and Tiwari, R. S., "Operational analysis of a reservoir in GIS environment using remote sensing inputs", International Journal of Remote Sensing, 28 (2), 335 – 352, 2007.
5.	Haritashya, Umesh K., Singh Pratap, Kumar Naresh and Singh Yatveer, "Hydrological importance of an unusual hazard in a mountainous basin: Flood and landslide", Hydrological Processes, 20, 3147-3154, 2006.
6.	Jain, S.K., Singh, V.P. and Bhunya, P.K., "Development of optimal and physically realizable unit hydrograph", Journal of Hydrologic Engg., ASCE, 11(6), 612-616, 2006.
7.	Jain, Sanjay K., Saraf, Arun K., Ajanata Goswami and Tanveer Ahmad, "Flood inundation mapping using NOAA AVHRR data". Water Resources Management, 20, (6), 2006.
8.	Jha, R. Ojha, C.S.P. and Bhatia, K.K.S., "Critical appraisal of BOD and DO models in a highly polluted river in India", Hydrological Sciences Journal, 52.(2), 362-375, 2007.
9.	Jha, R. Ojha, C.S.P. and Bhatia, K.K.S., "Non-point source pollution estimation using modified approach". Hydrological Processes, 21, 1098-1105, 2007.
10.	Katiyar, R., Garg, P.K. and Jain, Sanjay K., "Watershed prioritization and reservoir sedimentation using remote sensing data", GEOCARTO International, 21(3), 2006.
11.	Kumar Manish, A. L. Ramanathan, M. S. Rao and Bhishm Kumar), "Identification and evaluation of hydrogeochemical processes in the groundwater environment of Delhi, India", Environmental Geology, 50, 1025-1039, 2006.
12.	Kumar, Vijay and Rema Devi, "Kriging of ground water levels – A case study", Journal of Spatial Hydrology, 6(1) 81-92, 2006.
13.	Kumar, Vijay; Rai, S. P.; and Singh, Omkar, "Water Quantity and Quality of Mansar Lake Located in the Himalayan Foothills, India", Lake and Reservoir Management 22(3), 191-198, 2006.
14.	Lohani A. K, Goel N K. and Bhatia K.K.S., "Takagi-Sugeno fuzzy inference system for modelling stage-discharge relationship", Journal of Hydrology, Elsevier, 331,146-160, 2006.

15.	Mishra, S.K., Tyagi, J.V., Singh, V.P. and Singh R., "SCS-CN based modeling of sediment yield", J. Hydrology, Elsevier Science, 304(1-4), 301-322, 2006.
16.	Mufid al-hadithi, M. Israil, D. C. Singhal, <u>Bhishm Kumar</u> , M. Someshwar Rao and S. K. Verma, "Groundwater resources evaluation in the Piedmont zone of Himalaya, India, using Isotope and GIS techniques", Journal of Spatial Hydrology, 6(1), 105-119, 2006.
17.	Rai, S. P.; Kumar, Vijay; and Kumar, Bhishm, "Sedimentation rate and pattern of a Himalayan Foothill Lake using 137cs and 210pb", Hydrological Sciences Journal, 52(1), 181-191, 2007.
18.	Rao S V N and S Manju, "Optimal locations of skimming wells", Hydrological sciences Journal, 52(2), 352-361, 2007.
19.	Rao, S V N., "A computationally efficient technique for source identification problems in 3D aquifers using ANN and simulated annealing", Environmental Forensics Journal, Francis and Taylor, 7, 3, 233-240, 2006.
20.	Rao, S V N., Sudhir Kumar, Shashank Shekher and D Chakravorty, "Optimal pumping from skimming wells", ASCE J. of Hydrologic Engineering, 11, 5, 464-471, 2006.
21.	Rao, S V N., Sudhir Kumar, Shashank Shekher and S K Sinha and S Manju, "Optimal operation of skimming wells - A case study in river Yamuna flood plain at Palla in north India", (published online DOI: 10.1007/s 10040-007-0173-1, Hydrogeology Journal, Springer), 2007
22.	Singh, S., B. Parkash, M. S. Rao, M. Arora and B. Bhosle, "Geomorphology, pedology and sedimentology of the Deoha/ Ganga-Ghaghra Interfluve, Upper Gangetic Plains (Himalaya Foreland Basin)- External tectonic implications", Catena 67, 183-203, 2006.
23.	Sahoo, Bhabagrahi, Lohani, A.K., Sahu, Rohit K., "Fuzzy multiobjective and Linear programing based management models for optimal land-water-crop system planning", International Journal of Water Resources Management, Springer, 20, 931-948, 2006.
24.	Singh, P., Arora, M. and Goel N.K., "Effect of climate change on runoff of a glacierized Himalayan basin", Hydrological Processes, 20, 1979-1992, 2006.
25.	Singh, P.K., Bhunya, P.K., Mishra, S.K. and Chaube, U.C., "An extended hybrid model for synthetic unit hydrograph derivation", Journal of Hydrology, Elsevier, 336, 347-360, 2007.
26.	Singh, Pratap, Haritashya, Umesh K. and Kumar, Naresh, "Meteorological study for Gangotri Glacier and its comparison with other high altitude meteorological stations in Central Himalayan Region", Nordic Hydrology (2007), 38, 59-77, 2006.
27.	Singh, S. K., "Diagnostic curve for estimating soil dispersivity and instantaneously injected mass." Journal of Irrigation and Drainage Engineering, ASCE, 132(3), 281-283, 2006.
28.	Singh, S. K., "Diagnostic curve methods for consolidation coefficient." International Journal of Geomechanics, ASCE, 7(1), 75-79, 2007.
29.	Singh, S. K., "Estimating dispersivity and injected mass from breakthrough curve due to instantaneous source." Journal of Hydrology, 329(3-4), 685-691, 2006.

30.	Singh, S. K., "Flow depletion induced by pumping well from finite length of stream." Journal of Irrigation and Drainage Engineering, ASCE, 132(5), 508-512, 2006.
31.	Singh, S. K., "Flow depletion of semipervious streams due to unsteady pumping discharge." Journal of Irrigation and Drainage Engineering, ASCE, 132(4), 406-409, 2006.
32.	Singh, S. K., "Identification of aquifer parameters from residual drawdowns: An optimization approach." Hydrological Sciences Journal, 51(6), 1139-1148, 2006.
33.	Singh, S. K., "Modeling laboratory observations on stream-aquifer interaction." Journal of Irrigation and Drainage Engineering, ASCE, 133(1), 79-82, 2007.
34.	Singh, S. K., "Optimal instantaneous unit hydrograph from multi-storm data." Journal of Irrigation and Drainage Engineering, ASCE, 132(3), 298-302, 2006.
35.	Singh, S. K., "Semi analytical model for drawdown due to pumping a partially penetrating large diameter well." Journal of Irrigation and Drainage Engineering, ASCE, 133(2), 155-161, 2007.
36.	Singh, S. K., "Use of gamma distribution/Nash model further simplified for runoff modeling." Journal of Hydrologic Engineering, ASCE, 12(2), 222-224, 2007.
37.	Singh, Surjeet and Jaiswal, C.S., "Numerical solution of 2D free surface to ditch drains in presence of transient recharge and depth-dependent ET in sloping aquifer", Water Resources Management, 20: 779-793, 2006.

D. Research Papers in National Journals

38.	Chalishaonkar, D., Jain, S.K., Goel, M.K., Bhunya, P.K., and Kumar, V., "Decision support system for integrated reservoir regulation", Hydrology Journal, IAHR, 29/3-4, 1-14, 2006
39.	Durbude, DG., "Remote Sensing and GIS Approach for Land Use, Soil texture and Morphological Characterisation of a Watershed", Journal of Applied Hydrology, XVIII, (3), 43-51, 2005.
40.	Kumar, Bhishm and Singh, U.K., "Hydrological studies in India using stable isotopic techniques", IWRS Journal, 25(3), 47-62, 2006.
41.	Kumar, C. P., "Groundwater Flow and Contaminant Transport Models", Jour. Applied Hydrology, Association of Hydrologists of India, XIX, (1& 2), 2006.
42.	Kumar, Rakesh, "Development of regional flood frequency relationships using L-moments for Lower Narmada and Tapi Subzone 3(b)", Journal of the Institution of Engineers (I), 87, 2007.
43.	Kumar, Vijay; Goyal, V. C.; Rai, S. P.; Singh, Omkar; and Jain, C. K., "Mapping and monitoring of Village ponds in the Kandi belt of Jammu region", Hydrology Journal, 29 (3-4), 57-67, 2006.
44.	Mani P. and Chakravorty, B., "Remote sensing based sedimentation study in Maithon reservoir", Journal of Indian Society of Remote Sensing, 35(1), 06-109, 2007.

45.	Mani P., Kumar R. and Chakravorty, B.,) “Effect of embankments on river and its flow regime” , Journal of Institutions of Engineers (India), 87, 23-26, 2006.
46.	Pandey, N.G., Chakravorty, B. and Kumar, S.,) “Simple model to estimate soil water limits.” Hydrology Journal of Indian Association of Hydrologists, 29(-2), 67-75,2006.
47.	Purandara, B. K., Durbude, DG. and Venkatesh, B., “Estimation of USLE Parameters for a Forested Watershed using GIS Technique”, Journal of Applied Hydrology, XVIII, (1 & 2), 47-53, 2005.
48.	Rathor, D.S., Anju Chaudhary and Agarwal, P.K., “Assessment of sedimentation in Hirakud reservoir using digital remote sensing technique”, Photonirvachak, Jr. of the Indian Society of Remote Sensing, 34(4) 377-383, 2006.
49.	Satyaji Rao, Y. R and Ponce, V.M. “Catchment water balance and changes in runoff coefficient ”, Hydrology Journal, 29, 83-99, 2006.
50.	Sharma, K.D., “A distributed spatial sediment delivery model for the arid regions”, Hydrology Journal, 29(1-2), 1-17, 2006.
51.	Sharma, M.K., and C K Jain, “Fluoride modeling using Best Subset Procedure”, Journal of Applied Hydrology, XVIII, 12-22, 2005.
52.	Singh, Omkar, Kumar, V., Rai, S.P. & Choubey, V.K., “Water quality investigations in the Shivaliks and Sirowal (Terai) areas of Jammu region, J & K (India)”, Journal of Applied Hydrology, XIX (4), 2006.
53.	Singh, Surjeet and Thakural, L.N., “Water balance of Sagar lake – A case study”, J. of Applied Hydrology, Visakhapatnam, XVIII(1 & 2), 64-76, 2005.
54.	Thayyen, R J., Gergan, J. T., and Dobhal, D. P., “Role of Glaciers and snow cover on Headwater River Hydrology in Monsoon regime – Micro scale study of Din Gad catchment (Dokriani Glacier), Garhwal Himalaya, India”, Current Science, 92(3), 376-382, 2007.

E. Research Papers in International Conferences

55.	Agarwal, A., Dutta, Joydeep, Mishra, S.K. and Sharma, M.K., “Water quality modeling using Artificial Neural Network”, Proc. Int. Conf. On Challenges in Coastal Hydrology and Water Quality (edited by Y. Xu Jun and V.P. Singh), Water Resources Publications, American Institute of Hydrology, Baton Rouge, LA, II, 305-314, May 21-24, 2006.
56.	Arora, Manohar, Singh, R.D., and Singh, P., “Flood Frequency Analysis of Himalayan River Brahmaputra”, International Conference on Hydrology and Watershed Management, JNTU Hyderabad, Dec. 5- 8 2006.
57.	Bhadra, A., Bandyopadhyay, A., Raghuwanshi, N. S. and Singh, R., “Development of a Runoff Prediction Model Using GIS-Based SCS CN Method in Combination with Muskingum Routing Technique”, Proc. 2 nd International Conference on Hydrology and Watershed Management with a Focal Theme on Improving Water Productivity in Agriculture, JNTU, Hyderabad, I, 250-259, December 5-8, 2006.
58.	Chakraborty B, Pandey N.G.and Kumar S., “Effect of flood on river aquifer interaction”, Proc. 2 nd International Conference on Hydrology & Watershed

	Management, Centre for Water Resources, Institute of Science and Technology, JNTU, Hyderabad, I, 531-541, December 5-8, 2006.
59.	Dobhal, D.P., Gergan, J. T., and Thayyen, R. J., “Mass Balance and Snout Recession Measurements (1991-2000) of Dokriani Glacier, Garhwal Himalaya, India”, In: Proc. International seminar on Climatic and Anthropogenic impacts on water resources variability, The Laboratory Hydrosiences, Montpellier, France, November 22-24, 2006,
60.	Durbude, DG. and Venkatesh, B., “Erosion Hazard Mapping for Micro-watershed Prioritization using remote Sensing and GIS Techniques”, Proc. International Symposium on Geospatial Databases for Sustainable Development, Goa, 2006.
61.	Gosh Bobba, A and Satyaji Rao, Y.R., “Application of numerical modeling to predict pollutants in Deltas of the east coastal of India due to human activities”, Proc. 2 nd International Conference on Hydrology and Watershed Management with focal theme on improving water Productivity in the Agriculture, JNTU, Hyderabad, Vol.II, 1417-1426, December 5-8, 2006.
62.	Jain, S.K., “Cumulative impact of dams and diversions on hydrologic cycle”. Proc. GWSP-Asia Network Workshop, Guangzhou, China, 2006
63.	Jain, Sanjay K., Anju Chaudhry, Ajanata Goswami, “Drought as derived from NOAA AVHRR data in a part of Rajasthan state”, International symposium on Geospatial databases for sustainable development, Goa, September 27-30, 2006.
64.	Jeyakanthan, V.S, Sanjeevi, S., “Capacity Estimation of Vaigai Reservoir Using Remote Sensing Data-A Soft Classification Approach”, International Conference on Environmental Geosciences-2006, Chennai, Vol. I, Feb.15-16, 2006,
65.	Jha, R. Ojha, C.S.P. and Thankur, A., “Surface and ground water quality of River Kali and Hindon and recharge zone for Bank Filtration”, International conference on River Bank Filtration, Department of Civil Engineering, IIT Roorkee, November 2006.
66.	Jha, R. Ojha, C.S.P. and Thankur, A.,) “Assessment of River Bank Filtration sites in India using information technology”. International conference on River Bank Filtration, Department of Civil Engineering, IIT Roorkee, 2006.
67.	Krishna , B., Satyaji Rao, Y. R and Vijaya, T., “Comparison of different ANN algorithms to predict water table fluctuations in an unconfined coastal aquifer”, Proc. 3 rd International Conference (IGC-2007) on Water, Environment and Agriculture present problems and future challenges, Tamilnadu Agriculture University, Coimbatore, India, Vol. I, Feb. 7-10, 2007.
68.	Kumar, Bhishm and Sudhir Kumar, “Water management in Delhi-Issues and Prospects”, Indo-Mexican Workshop on Water Management in Metropolis, New Delhi, October 30 – November 1, 2006.
69.	Kumar, Bhishm, S.P.Rai, M.S.Rao, S.K. Verma, Pankaj Garg, and Jamil Ahmed, “Isotopic characteristics of Indian precipitation”, Proc. International Conf. on An International Perspective on Environmental and Water Resources”, New Delhi, 57, December 18-20, 2006.
70.	Kumar, K. and Singh, Omkar, “Application of Principal Component Analysis for the Ground Water Quality of Jammu District (J&K)”, Intl. Conf. on “ An International Perspective on Environmental & Water Resources-2006” (ASCE-EWRI-2006), New Delhi, December 18-20, 2006.

71.	Kumar, Sanjay, Kumar, Rakesh, Singh, R.D. and Lohani, A.K., "Application of feed-forward Artificial Neural Network for flood frequency", 6 th International R&D Conference on Sustainable Development of Water and Energy Resources – Needs and Challenges, Lucknow, February 13-16, 2007.
72.	Kumar, Sudhir, S P Rai, V C Goyal and Vijay Kumar, "Hydrological and Isotopic investigations in Kandi area of J & K, India", International Conference on International Perspective on Environment and Water Resources, New Delhi, 18-20 December 2006.
73.	Mohanapriya. L, Jeyakanthan. V.S., Kasinatha Pandian. J, Kaliappan. S., "Shoreline Mapping Using Remotely Sensed Data-A Sub-pixel Approach", International Conference on Environmental Geosciences-2006, Chennai, Vol. I, Feb.15-16, 2006.
74.	Pandey N.G., Chakraborty B., Ramana R. V. and Mani P., "Short Duration Rainfall Analysis for Estimation of Design Flood - A case study", Proc. 2nd International Conference on Hydrology & Watershed Management, Centre for Water Resources, Institute of Science and Technology, JNTU, Hyderabad, I, 317-325, December 5-8, 2006.
75.	Rai, S.P.; Bhishm Kumar, Noble Jacob, S.K. Verma, P.K. Garg, S.V. Navada, and Vishal Gupta, "Isotopic characteristics of groundwater in a Himalayan catchments," Proc. International conf. on International Perspective on Environmental and Water Resources", New Delhi, 55, December 18-20, 2006, New Delhi, 2006.
76.	Ramana R. V., Chakraborty B., Pandey N.G. and Mani P., "Regional rainfall frequency analysis using L-moment approach", Proc. 2nd International Conference on Hydrology & Watershed Management, Centre for Water Resources, Institute of Science and Technology, JNTU, Hyderabad, I, 623-630, December 5-8, 2006.
77.	Rao, M.S., Bhishm Kumar and Sudhir Kumar, "Salinity development in Delhi groundwater due to present day evaporation enrichment", International conference on International Perspective on Environmental and Water Resources, New Delhi, December 18-20, 2006.
78.	Sahoo, B., Trivedi, H.V. and Lohani, A.K., "A nonlinear grey system based prognostic model for simulating the rainfall-runoff transformation process", Proc. 2 nd International Conference on Hydrological and Watershed Management with a Focal theme on Improving Water Productivity in the Agriculture, JNTU Institute of Science and Technology, Hyderabad, December 5-8, 2006,
79.	Samal N. R., Ramana R.V., Singh A., Singh V., and Singh K. S. P., "Water Privatization: Pricing and Conservation", Proc. 2nd International Conference on Hydrology & Watershed Management, Centre for Water Resources, Institute of Science and Technology, JNTU, Hyderabad, II, 1197-1208, December 5-8, 2006.
80.	Saravanan, K., Deepak Kashyap and Anupma Sharma , "Numerical simulation of flow and mass transport in the vicinity of recirculation wells", 3rd International Groundwater Conference (IGC-2007) on Water, Environment & Agriculture – Present Problems & Future Challenges, Tamil Nadu Agricultural University, Coimbatore, February 7-10, 2007,
81.	Satyaji Rao, Y.R., Keshari, A.K and Gosain, A.K., "Nitrate leaching estimation from septic systems in an urban coastal aquifer in an Urban Coastal Aquifer", Proc. 2 nd International Conference on Hydrology and Watershed Management with focal theme on Improving water productivity in the Agriculture, JNTU, Hyderabad, 1162-1171, December 5-8, 2006.
82.	Singh , Pratap, "Estimates and analysis of suspended sediment from a glacierized

	basin in the Himalayas”,International Conference on Sediment Dynamics and the hydromorphology of Fluvial Systems, Dundee, UK, July 3-7, 2006.
83.	Singh, Pratap, “Water resources potential of Himalayas and possible impact of climate change”, Indo-US conference on Integrating Weather and Climate Information in Water Management, Indian Institute of Tropical Meteorology, Pune, India, July 5-7, 2006.
84.	Singh, S. K., “A simple instantaneous unit hydrograph for modelling runoff.” Indo-Polish Joint Seminar on Environmental Changes and Geomorphological Hazards, North Eastern Hill University, Shillong, India, November, 20-22, 2006.
85.	Singh. S. K., “An optimization method for estimating dispersion coefficient.” International Groundwater Conference (IGC-2007), Tamil Nadu Agricultural University, Coimbatore, India, February 7-10, 2007.
86.	Sudheer, K.P., Srivastav, R.K., Soundharajan, B., and Jain, S.K., “Ground Water Perspective of Chennai: a Coastal City in India”, Proc. GWSP-Asia Network Workshop, Guangzhou, China, 2006.
87.	Thomas Oommen, Misra, Debasmita, Agarwal, Avinash and Mishra, S K., “Simulation of runoff and sediment yield using support vector machines”, Paper No. H31E – 1470, Proc. Fall meeting of American Geophysical Union, San Francisco, CA, USA, December 11 – 15, 2006.
88.	Thomas, T., Jaiswal, R.K. and Singh, Surjeet., “Hydrological Modelling of Stream flows Using Artificial Neural Networks”, International Conference on Hydrology and Watershed Management, organized at Centre for Water Resources, Institute of Science & Technology, Jawaharlal Nehru Technological University, Hyderabad, during December 5-8, 2006.

F. Research Papers in National Conferences

89.	Anu, D., Ponulakshmi, A.P., Ramya, A.M., Sathya, R , Jeyakanthan, V.S., Sanjeevi, S, “Sub-Pixel Classification of Images for Reservoir Area Estimation”, International Conference on Hydrology and Watershed Management, Hyderabad, Vol.II, 1063-1071, December 5-8, 2006.
90.	Arora, Manohar, Singh, R.D. and Kumar, Amit, “Status of climate change in India.”, National Seminar on Threats: Global Warning to Global Warming, KLDVA College Roorkee, 29-44, March 31, 2007.
91.	Bhatia, K.K.S., Singh, Omkar and Khobragade, S.D., “Water Quality Assessment and Management of a Typical Lake in South India”, National Conference on Environmental Conservation (NCEC-2006)”, Pilani, September 1-3, 2006.
92.	Durbude, DG., “Prioritisation of Hire Nadi Watershed for soil and water conservation measures”, Proc. SPIE-Vol.6411, Agricultural and Hydrology Application of Remote Sensing, 2006.
93.	Dwivedi, V.K., and V.K. Choubey, “Stocks of environmental degradation of inland water bodies of India and measures for their management and sustainable use” Proc. National Conference on Environmental Conservation, Pilani, India, September 1-3, 2006.

94.	Goel, M. K., "Conjunctive water resource in an irrigation system for sustainable Agriculture", In: Natural Resource Management for Sustainable Hill Agriculture (Eds. Arora, S., Kukal, S. S. and Sharma, V.), SCSJ Jammu Chapter, SKUAST-Jammu, 45-58, 2007..
95.	Jain, C. K., Patwary, B. C. and Sarkar, P. K., "Planning Surface Water Quality Monitoring Field Projects", Seminar on the theme Water Management, Institution of Engineers, Assam State Centre, Guwahati, 81-89, May 31, 2006.
96.	Jeyakanthan.V.S., Sanjeevi, S., "Recent Image Classification Technique for Assessment of Reservoir Sedimentation", National Seminar on Hydrology, Association of Hydrologist of India, Vol. II, August 24-25, 2006.
97.	Jha, R. and Sharma, K.D. Assessment of water requirement for fisheries and aquaculture using hydrological approach. National Conference, New Delhi, CIFRI, India, November 2006.
98.	Krishna, B., Satyaji Rao, Y.R., Vijaya, T, "Wavelet coupled Neural network for time Series Modeling of Stream Flow", Proc. National Conference on Hydraulics and water Resources – HYDRO-2006, Bharati Vidyapeeth, Pune, 238-246, 2006.
99.	Lohani, A.K. R.D. Singh and K.K.S. Bhatia , "Statistical analysis on seasonal low flows", National Consultation on Water Management in Fisheries and Agriculture organized at NAAS, NASC Complex, Pusa, New Delhi, June 23-24, 2006.
100.	Mehta, Rama, Vipin Kumar and Kumar Gavrit, "Waste water management using Neuro-Fuzzy technique", International workshop on Integrated Water Resources Management –2007, Karnataka Environment Research Foundation, Bangalore, February 5-7, 2007.
101.	Patwary, B. C. and Bandyopadhyay, A., "Flood Management Studies: Some Visions for 2020 for N-E Region", Seminar on the theme Water Management, Institution of Engineers, Assam State Centre, Guwahati,12-21, May 31, 2006.
102.	Patwary, B. C. and Bandyopadhyay, A., "Water and Environment Nexus for Development and Growth in N-E Region: Studies and Research Needs in Water Sector", Proc. Workshop on Natural Resources, Water and Environment Nexus for Development and Growth in North East India, Water Resources Department, Govt. of Assam, Guwahati, May 24, 2006.
103.	Purba G. S., Chakravorty, B. and Singh M. K., "Identification of flood affected areas – need for a scientific approach", Proc. Indian Disaster Management Congress, organized by National Institute of Disaster Management and Central Water Commission, at Vigyan Bhawan, New Delhi, November 28-30, 2006.
104.	Rao, S V N., Sudhir Kumar, Shashank Shekher and S K Sinha, "River bank filtration in river Yamuna flood plain – Optimal pumping in Palla well fields", EU-India River Bank Filtration Conference, Civil Engineering Department, IIT Roorkee, November 18, 2006.
105.	Sharma, K.D. and Jha, R. "Water pollution, prevention, remedies and safe drinking water" National Symposium at Jaipur, January 2007.
106.	Sharma, K.D. and Jha, R., "Assessment of sustainable water in streams" Keynote paper for National Symposium at IISc Bangalore, March 10, 2007.
107.	Sharma, K.D., "Surface and groundwater scenario in Western India", Conference on Natural Resources Management for Sustainable Development in Western India,

	Indian Association of Soil and Water Conservationists, Dehradun, 3-4, 2006.
108.	Singh , Pratap, R. D. Singh and K.D. Sharma, “Impact of climate change on Himalayan water resources, Seminar on Emerging Issues in Uttaranchal for Water Resources Development”, Wadia Institute of Himalayan Geology, Dehradun (U.A.), June 29, 2006.
109.	Singh, Omkar, Kumar, V. and Choubey, V.K., “Assessment Of Irrigation Water Quality of The Perennial Streams Fed By Municipal Wastewater/Industrial Effluents In The Parts of Ranbir Canal Command, Jammu”, National Seminar on Threatening Crises for Natural Resources and their Management (Sured-2006), G.B. Pant University of Agri. & Technology, Pantnagar, December 23-25, 2006,
110.	Singh, Pratap, “Water related disasters in the Himalayan region: role of glaciers”, Brainstorming Session on Disaster Associated with Glaciers in Uttaranchal: Its potential and societal perspectives, organized by Disaster Mitigation and Management Centre, Uttaranchal Secretariat, Dehradun, Uttaranchal, September 4, 2006.
111.	Vijaya Kumar, S.V and Rao, P.R., “A study of groundwater recharge characteristics in an upland area” , Bringing In A Second Green Revolution – Dryland Development Through Organic Farming And Water Conservation, Sastriya Vignana Samithi, Kakinada, September 10, 2006.
112.	Vijaya Kumar.,S.V and Bhishm Kumar, “Ground Water Reservoirs: Hydrological investigations in a sandstone aquifer”, All India Seminar on Potable Water for All Uses, Institution of Engineers(Delhi), New Delhi, October 13-14, 2006.