

Name : **Prof. G.N.Pradeep Kumar**

Designation : **Professor**

Qualifications : **Ph.D.**

Date of Joining : **16-03-1985**

Publications :
(International / National / Journals & Conferences)

1. Presented a technical Paper in Tokyo on Forecasting Groundwater levels using Artificial Neural Networks during 28-30 May, 2009.
2. "Prediction of Groundwater levels using different artificial neural network architectures for Tirupati Mandal", Int.Jol. Nature Env. and Poll. Tech, Vol 8, No.3 PP 429-436, 2009
3. "Study on spatial distribution of water quality index- A case study" Jol.Current Science,,14 (1): 309-321, 2009.
4. "Estimation of groundwater resources in a basin – A case study" IGC-GEOTIDE, Guntur, India, Feb, 17-19, 2010.
5. " Evaluation of subsurface water quality by estimation of Physico-Chemical parameters – A case study" – Asian. Jol. Mirobiol. Biotech,Env.Sci. Vol.12 No.(4), pp 839-842, 2010.
6. "Demarcation of groundwater prospect zones through RS and GIS techniques in a basin" IGC-GEOTIDE, Guntur, India, Feb, 17-19, 2010.
7. "Groundwater level forecasting using Feed forward neural network trained with different algorithms" ISH Jol of Hydr. Engg, Vol.16, No.1 March 2010, pp 20-35.
8. "Evaluation of groundwater resources and estimation of stage of groundwater development in a basin – A case study" Int. Jol. Irrigation and Drainage, Published online in Wiley online Library (wileyonlinelibrary.com) DOI: 10.1002/ird.628 – 2011.
9. "Prediction of Groundwater Levels Using Different Artificial Neural Network Architectures and Algorithms" Int. Conf - WORLD COMP - 2011 on Artificial Intelligence , Las Vegas, Nevada, USA July 18-21, 2011.
10. " Evaluation of groundwater potential zones and identification of groundwater augmenting Structures in a basin - A case study" Jol IWRS, 2011.
11. "Parametric study of a non-linear model for flow through porous media", Int. Jol. on Transport in Porous media, Submitted in Nov. 2012, under review.
12. "Experimental investigation on Forchheimer coefficients used in flow through porous media" Jol. on Hydraulic Engg, Submitted in Dec, 2012, under review.
13. "Performance evaluation of water users' associations – a case study" Paper accepted for oral presentation at The International Conf. EWRA-2013, to be held at Porto, Portugal, in June 2013.
14. "Assessment of Spatial Distribution of Groundwater Quality in Kondagattu Catchment of Greater Visakhapatnam Municipal Corporation, India - A GIS Based approach" Paper in International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development ISSN(E):2249-7978 ; Impact Factor(JCC):5.4829 , Jun 2013.