

Name : **Prof. J.Karthikeyan**

Designation : **Professor**

Qualifications : **Ph.D.**

Date of Joining : **January 1983**

Publications :  
(International / National / Journals & Conferences)

**a) Refereed National / International Journals (Published):**

1. Shaik Abdul Khader Jeelani, **J. Karthikeyan** and Adel S. Aldosary (2012) “*Performance Evaluation of Design-Build (D-B) Projects With and Without Agency Construction Management*”, International Journal of Civil Engineering and Technology (IJCIET)-Vol-3-Issue-2-July-December (2012) pp.265-278 -ISSN-0976 -6308 (Print), ISSN-0976-6316 (Online) (**Impact factor: 3.1861**)
2. Shaik Abdul Khader Jeelani, **J. Karthikeyan** and Adel S. Aldosary (2012) “*Evaluation of Design-Build (D-B) Projects With and Without Agency Construction Management*”, International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development (IJCSEIERD) -Vol-2-Issue-4-December (2012) pp.71-86- ISSN-2249 - 6866. (**Impact Factor,JCC: 2.3565**)
3. Shaik Abdul Khader Jeelani, Adel S. Al-Dosary and **J. Karthikeyan** (2012) “*Empirical Evaluation of Performance of Construction Management-at-Risk (CM-at-Risk) Project Delivery System With and Without Agency - CM*” International Journal of Engineering and Advanced Technology (IJEAT)-ISSN-2249 -8958- Vol-2-Issue-2 Dec-2012. (**Impact Factor: 1.0**)
4. Sri Chandana Panchangam and **Karthikeyan Janakiraman** (2012) Sorptive removal of color from aqueous coffee and tea infusions, Desalination and water treatment, 50:1-3, 338-347Taylor & Francis, U.K. (**Impact Factor: 0.752**)
5. Nagendra Rao, C and **J. Karthikeyan** (2012). “Removal of Fluoride from water by adsorption onto Lanthanum oxide” *Water, Air, & Soil Pollution*, vol. 223, No.3, 1101-1114, Springer. (**Impact Factor: 1.625**)

**b) Papers Presented at International Conference (Abroad):**

1. C. M. Vivek Vardhan and **J. Karthikeyan** (2011). Removal of Fluorides from Water Using Low-Cost Materials, Fifteenth International Water Technology Conference, Alexandria, Egypt, March 31-April 02, 2011.
2. P.L.N. Prasad and **J. Karthikeyan** (2010). Vermicomposting of Municipal Market Waste – An Experimental Study. 25<sup>th</sup> International Conference on Solid Waste Technology and Management, Chester, Philadelphia, USA. March 14-17, 2010.
3. P.L.N. Prasad and **J. Karthikeyan** (2009). Solid Waste Management and Material Recovery in an Urban Area in India-A Case Study of Tirupati Municipal Corporation. 24<sup>th</sup> International Conference on Solid Waste Technology and Management, Chester, Philadelphia, USA. March 15-18, 2009.

**c) Papers Presented at International / National Conferences (India):**

1. **J. Karthikeyan**, P. Ay and S. Narra (2010). Energy Production from Agricultural residues and Crop Processing Wastes: Some Problems and Perspectives, International Conference on Green Power Generation: Vision 2020, The Institution of Engineers (India), Anpara Local Center, Anpara, U.P., December 10-12, 2010.
2. C. M. Vivek Vardhan and **J. Karthikeyan** (2009). Removal of Fluoride from Water using Manganese Sulphate. 2<sup>nd</sup> A.P. Science Congress, Andhra Pradesh Academy of Sciences and Sri Venkateswara University, November 2009, P. 163.
3. K. Thasilu and **J. Karthikeyan** (2009) Assessment of Ground Water Quality: A Case Study of Kota Mandal in Nellore district of Andhra Pradesh. 2<sup>nd</sup> A.P. Science Congress, Andhra Pradesh Academy of Sciences and Sri Venkateswara University, November 2009, P. 161.
4. P. Lakshmi Narayana Prasad, **J. Karthikeyan** and R.C. Shrivastava (2009) Decentralised Composting of Municipal Solid Wastes: Concept of Ecoparks. A Study with respect to composting of Municipal Solid Waste of Tirupati. EnviroEnergy 2009, International Conference on Energy and Environment, March 2009, National Institute of Technology, Kurukshetra, India. P.37.
5. C.M.Vivek Vardhan and **J. Karthikeyan** (2009) Development of Low-cost Candle type Filters for Removal of Fluoride from Water. 3<sup>rd</sup> National conference of National Environmentalists Association, January 2009, Srikakulam, India.

**d) Academic/Research Collaborations:**

**International**

1. A Memorandum of Understanding for Research Collaboration with Faculty of Environmental Sciences and Process Engineering, Brandenburg Technical University, Cottbus, Germany and Department of Civil Engineering, Sri Venkateswara University, Tirupati for conduct of Summer/Winter Schools for the Masters Programme in Restoration Ecology offered by BTU, Germany was signed in the month of August 2009. Accordingly, one Winter School was conducted during November-December 2009 at Sri Venkateswara University, Tirupati.
2. A Co-operation agreement was signed between Deutsche Gessellschaft fur Technische Zusammenarbeit, GTZ (German Technical Cooperation) of Germany and Department of Civil Engineering for conduct of a part of Summer School "Sustainable Innovations in India" during May 2009. Accordingly a part of International Summer School "Sustainable Innovations in India" was conducted at Sri Venkateswara University, Tirupati from May 17-24, 2009.

**d) Sponsored Research / Developmental Projects:**

1. A Research Project on "Biomethanation of hostel food wastes and utilization of methane for heating or lighting through a demonstration project" sponsored by A.P. State Council for science and Technology, Government of Andhra Pradesh, Hyderabad, 2013. Rs. 3.05 lakhs.
2. A Modernization and Removal of Obsolescence (MODROBS) scheme of Rs. 15.0 lakhs sponsored by All India Council for Technical Education (AICTE) for the year 2011-12 executed in 2012-13.