

## **Events Organised:**

Organized Civil Carnival 2008 and Chairman for Technical Committee, National Conference, IGC 2009 held at RVR & JC College of Engineering during February, 2010

## **Publications:**

International Journals: 02

International Conferences: 02

National Conference: 08

1. " Utilization of reinforced concrete flexural (shear ) walls in Multi-storied buildings with effect of lateral loads under flat terrain" in IJERST[Kumar, 2 (9) September 2013, PP.2467-2474]
2. "Humidity as air quality parameter to assess comfort", Fresenius Environmental Bulletin, Switzerland, 1994.
3. "Kinetics and Equilibrium studies for the Removal of heavy metals in both single and binary systems using Hydroxyapatite", 3<sup>rd</sup> National Conference on Water, Environment and Society (NCWES – 2016), JNTUH, 6-8, June 2016.
4. "Waste Management plan for Housing Development Programme 2008-09 by Andhra Pradesh Housing Corporation Ltd. in Chowdavaram", National Conference on Quest for Advancement in Civil Engineering, QACE'15, SRM University, Chennai, 19-20, March 2015.
5. "Lime stabilized fly ash mixes in pavements", National seminar on Fly ash in Geotechnical Structures, IGS, ODHISA, Bhubaneswar, 8-9, November 2013, PP: 169-175.
6. "Traffic generated noise pollution-A case study of Guntur city", National Conference on new trends in Civil Engineering and Earth sciences, Vasavi college of engineering , Hyderabad. Vol. 1, PP: 120-127, 5-6 February, 2013
7. "An LP Model for Estimation of Active Storage Capacity of Gundlakamma Reservoir", National Conference on Watershed Management and Impact of Environmental Changes on Water Resources, JNTU, Hyderabad, 22-23 Feb. 2007.

8. "Meteorological data vis-a-vis Air quality Research - A study from adequacy angle", 11th National convention of Environmental Engineers on Environmental Control Technology - Advances, Law and Awareness to curb Pseudoism, Roorkee, 1995
9. "Environmental control - Economics as a Guiding factor", 11th National Convention of Environmental Engineers on Environmental Control Technology - Advances, Law & Awareness to Curb Pseudoism, Roorkee, 1995.
10. "Judicious use of Air as a strategy for locating Industries", Clean Air '94, 12th International Conference, Perth, Western Australia, 1994.
11. "Temperature profiles around Heating system - A study from Health point of view", proceedings of 7th IUAPPA Regional conference for Pacific Rim on Air pollution and waste issues, Taiwan, 1994
12. "Environmental pollution and control : Some aspects of Biomonitoring and Biomanipulation", National Seminar on Environmental pollution and strategies for pollution control, Ujjain, M.P., 1992

#### **Faculty Development programmes attended:**

1. Two-week short term course on " Ground Improvement Methods in Problematic Soils" held at REC, Warangal from 01.01.2001 to 12.01.2001.
2. Two-week short term course on " Neuro-fuzzy Applications in Civil Engineering" held at REC, Warangal from 11.06.2001 to 3.06.2001.
3. Short-term course on " Finite Element Method", held at R.V.R.& J.C. College of Engineering, Guntur during 5-6, October, 2001.
4. One-week short-term intensive course on "Environmental Studies", conducted by Bapatla Engineering College, Bapatla during 6- 10 July, 2005.
5. Attended a Faculty workshop on 'Environmental Studies: Innovative Teaching Methodologies, conducted by RVR & JC College of Engineering on October 3, 2016.
6. Three day work shop on "Waste Management Technologies for Urban Areas" conducted by NIT, Warangal during 23-25, January, 2017
7. A work shop on "Fuzzy Logic and Application in Civil Engineering", organized by Birla Institute of Technology & science, Pilani, Hyderabad, during March 15-16, 2019.

8. A one week Faculty Development Workshop conducted by NIT, Warangal during 20- 25 May,2019 on “Effective Teaching and Learning Practices for Design and Operation of Water Supply Systems”

9. Five day International Webinar Conference on “Climate Change Impact on Water Resources management and Environment”, conducted by Andhra University, sponsored by TEQUIP II & in collaboration with Science city, A.P during 15-19, July 2020.

10. AICTE sponsored one week on-line STTP on “ Soft computing Techniques in Civil Engineering: Water resources, Structural and Transportation applications”, conducted by Sri Vishnu Engineering College for Women (Autonomous), during 20-25, July 2020.

11. ATAL Academy Online Elementary FDP on “Green technology and sustainable Development”, conducted by Amity University, Jaipur, June 14–18, 2021.

12. ATAL Academy Online Elementary FDP on “Air, Noise and Odour Pollution: Controlling and Modeling Practices”, conducted by Sardar Vallabhbhai National Institute of Technology, Surat, July 19–23, 2021.

13. ATAL Academy Online Elementary FDP on “Novel Applications of Waste Technology Systems for Sustainable future”, conducted by MS Ramaiah Institute of Technology, Karnataka, August 02–06, 2021.

#### **Lectures Delivered:**

Lecture on "Energy Resources: Renewable and Non-renewable" at Hindu College, Guntur

#### **Memberships:**

Life Member: ISTE, IGS, IAH and ISRMTT

#### **Contact Details:**

**e-mail:** 3113@rvrjc.ac.in, maruthikrishna.paturu@gmail.com

**Phones:** +91 9490343089