

S.RAJARAM
18-04-1969



CONTACT INFORMATION

P-3, MIG Flats, TNHB quarters. Foreshore estate, Chennai. TAMIL NADU, S.INDIA. 600 028.

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EXPERINCE SUMMARY

30 years of National & International experience in Designing, Process Control & Development of processing industry. Preparation of DPR and Detailed engineering reports for all kind of projects. Specific Project experience includes ETP, STP, **New & Renewable Energy Wind, Solar, Biogas** , Vermicomposting Bio-Gas refining Systems., Bio Mass Gasifiers From table top to 1 MW. **Wind resource assessment studies, Watermills, and Battery operated vehicles. Bio CNG plants Turnkey and consultancy.**

EDUCATION

MSc., ENVIRONMENTAL SCIENCE

MBA

Diploma In Chemical Engineering

Diploma In Industrial Safety

MS Word, MS Excel, MS PowerPoint, MS Project – Proficient in basic computer skills and applications

TECHNICAL SKILLS

RECEIPIENT OF AWARDS

Meritorious degree student award at the State level.

MARITAL STATUS

Married

PROFESSIONAL EXPERIENCE

July 1991 – July 1997

Manager (Technical & Developments)

M/s Enviro Energy Systems, Chennai –600 033.

Research Assistant

Jan 2006 to November 2006

Dept. of Chemistry, Periyar University, Salem-636 0011.

Ethanol from Tapioca Starch, and refining of Bio Gas

Consultant-Environmental

August 97 to September 2009

M/s Enviroconn Systems, Chennai - 600 028.

External Consultant

UN Consultant:

United Nation Framework Convention on Climatic Change (**UNFCCC**)

Consultant- Bioenergy/R&D

Oct 2007 To June 2017

TAMILNADU ENERGY DEVELOPMENT AGENCY.

5 th floor, EVK SAMPATH MAALIGAI, 68 COLLEGE ROAD, Chennai - 600006.

Proficiency In Languages

To speak Telugu, Malayalam, Telugu Bengali, Marati & Gujarati,

S.No	To Read	To Speak	ToWrite
1.0	Tamil	Tamil	Tamil
2.0	English	English	English
3.0	Hindi	Hindi	Hindi

PASSPORT NUMBER - Z-4849794 Valid Up to 20.05.2029

COUNTRIES VISITED- ETHIOPIA, MIZAN-Tepi, NIGERIA, MALI, GHANA, SHANGAI (CHINA) & XHUZHOU

CONFERENCES ATTENDED

Workshop-Special Coaching for **Meritorious students of Tamilnadu**, Rajahs Sarafoji college, Tanjore, February 1989.

National level seminar on **Aquatic Environment and Organisms**, CN College, Erode, October 1989.

National level symposium on **Environmental Studies for Sustainable Development**, PSG College of arts & Science, January 1990.

Project Up Tech in sago & Starch industries, State Bank of India, Salem, December 2000.

On the Dais- Indian Jaycees, Zone level effective Public Speaking, Zone XVII, Sathiyamangalam, April 2003.

Interactive meet of TNAU and industries on Environmental Issues and Redressal, Tamilnadu Agricultural University, Coimbatore, July 2004.

First National Symposium on Sago **“Sago India 2004”** Sona College of Technology, Salem, September 2004.

Workshop on **HRD in Sago Industries**, State Bank of India, Salem, November 2004.

Recent Advances in Nano-science and Technology (RANSAT-2006) Periyar University, Salem, December 2000.

State level seminar on Solid Waste Management (SESOM), ANJA College, Sivakasi, February 2006.

The national workshop on **Emerging trends in Electrochemical Science and Technology**, CECRI, Karaikudi and Raja Engineering College, Madurai. March 2006.

National conference on Environmental Conservation (NCEC-2006). BITS, Pilani, Rajasthan, September 2006.

Emerging techniques in **Environmental science & Engineering**, TANUVAS, Namakkal. November 14, 2009.

One day international Conference on **Waste To Energy**, Hotel green park, Chennai, November 2009.

Biomethanation plants & Biomass Gasifier systems for Sago, Poultry, Paper, Jaggery, Distillery & Textile, Salem. January 2010.

Two days training on **“Solar Thermal Technologies”** @ Thermax Ltd, Pune on 10-11 July 2010

Three days training on **Solar water Heating Systems 02-04, February 2011 @ Chennai.**

Indian Green building Congress 2012, November @ Hyderabad.

e-Governance and IT enabled services @ Anna Institute of Management, Chennai

3rd workshop on “Solar RPO / REC’s: Challenges and issues” on 23rd may 2013 at B-Block meeting hall, Corporate office, Central power distribution company of A.P Limited, Hyderabad (AP).

Stack Holders workshop on New and renewable energy. Office of the Comptroller and Auditor General of India, New Delhi.

Power point presentation during the visit of Shri A.K.Singh, IA&AS at Kayathar about various activities of TEDA

Workshop on Regulatory and financial barriers and challenges in power generation from Biomass. New Delhi.2014

Practitioners Training on “Integrating Climate Change Concerns into Development Programmes”19-22 August 2014 @ MSSRF, Chennai by GIZ.

Re-Invest 3 day seminar on Renewable energy & Global Investor’s Meet, Feb-2015, New Delhi. Two days intensive Training Programme on **Energy Conservation Building Code (ECBC)**@ Madurai on 24-25 November 2015.

PAPERS PRESENTED

- 1. Solid Waste Management in Chemical Industries, ANJA College, Sivakasi, February 2006.**
- 2. Biomethanation of Sago effluent, BITS, Pilani, Rajasthan. September 2006.**
- 3. Biogas From Water Hyacinth, Kerala fisheries Dept, Vaikkam, November 21,2008.**
- 4. Biomethanation of Industrial effluents, TANUVAS, Namakkal. November 14,2009.**
- 5. Biomethanation of Sago effluent by UHRAR method, MNRE &TEDA, Salem. January 2010.**
- 6. Biomethanation of Industrial Liquid & Solid wastes, SICCI, TRICHY. November 8,2013**
- 7. Biomethanation of Industrial waste to energy, BITS, GOA Campus, November 2014.**

ENVIRONMENTAL IMPACT ASSESSMENT STUDIES – 17 No’s

REVAMPING & COMMISSIONING OF WATER & WASTE WATER TREATMENT PLANTS -21 No’s

BIO-GAS PLANTS FOR SAGO INDUSTRY EFFLUENT TREATMENT PLANT (ETP) - 59 No’s

Commissioning of Tannery effluent treatment plant (ETP) In Erode 0.7 MLD ZLD

Commissioning of 100 MLD water treatment plant for L&T ECC at Haldia petrochemicals, Kolkata.

BIO-GAS PLANTS FOR FISH PROCESSING WASTE (3 TON) @ MINICOY ISLAND

BIO & VERMICOMPOSTING OF SOLID WASTES - 11No’s

TURNKEY SAGO, STARCH & Bio-CNG projects,

M/s Shagun Agro Process (100 TPD), Pargaon, Pune Dt. Maharastra.

M/s Sigma Agro products Industry (100 TPD), Nalegoan (Shivar), Nasihk Dt, Maharastra.

M/s Ozone Cleantech Energy PVT Ltd, Lonand, Satara Dt, Maharastra. 4000 kg BioCNG/DAY

Consultancy

M/s Runbiogas PVT Ltd, Hosur, Krishnagiri Dt, Tamilnadu. 1500 kg BioCNG/DAY

M/s Mahashank energy LLP, Ranipet Dt,Tamilnadu. 4000 kg BioCNG/DAY.

Detailed Engineering for 2 MLD STP in Tirupur smart city project – 2 nos.

Designing of BIO-CNG projects for various firms

