

RESUME

RATHNAVEL PON.

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OBJECTIVE

To carve a niche for myself in the domain of technical education and emerge as a person of repute for my organization and our society

ACADEMIC CHRONICLE

Qualification	Name of the Institute	University/ Board	Year of Completion	Percentage
M.E (Environmental Engineering)	Government College of Technology, Coimbatore	Anna University	2004	76.05
B.E (Civil Engineering)	Kumaraguru College of Technology, Coimbatore	Bharathiyar University	2002	78.30
H.S.C	SBOA Matriculation Higher Secondary School, Coimbatore	TN State Board	1998	84.50
S.S.L.C	Carmel Garden Matriculation Higher Secondary School, Coimbatore	TN Matriculation Board	1996	79.00

PROFESSIONAL EXPERIENCE

14 years of teaching experience & 1 year of industrial experience

(as on July 2019)

Institution	Akshaya College of Engineering and Technology	
Position	Associate Professor – Civil Engineering	
Duration	June 2015 till date	
Courses Handled	Responsibilities Held	
Environmental Engineering I Environmental Engineering II Environmental Science and Engineering Housing Planning and Management Water Resources and Irrigation Engineering Mechanics of Fluids Environmental Engineering Lab	In charge – College/Department Newsletter In charge – NAAC/NBA Accreditation In charge – Environmental Engineering Lab	

Institution	Coimbatore Institute of Engineering and Technology	
Position	Assistant Professor (Selection Grade) – Civil Engineering	
Duration	July 2013 to April 2015	
Courses Handled	Responsibilities Held	
Environmental Engineering I Applied Geology Engineering Geology Remote Sensing and GIS Building Materials Applied Hydraulic Engineering Mechanics of Solids Environmental Engineering Lab	In charge – College/Department Website In charge – NAAC Accreditation In charge – Sponsored Projects/Seminars In charge – Department Association Activities In charge – Environmental Engineering Lab Department Coordinator	

Institution	KTVR Knowledge Park for Engineering and Technology	
Position	Assistant Professor (Senior Grade) – Civil Engineering	
Duration	June 2011 till July 2013	
Courses Handled	Responsibilities Held	
Disaster Management Municipal Solid Waste Management Estimation and Valuation Pre Stressed Concrete Remote Sensing and GIS Basic Structural Design Irrigation Engineering Strength of Materials Mechanics of Solids Irrigation and Environmental Drawing Environmental Engineering Lab	HoD In charge – Department of Civil Engg. Prof. In charge – Outbound Programmes Prof. In charge – Curriculum Development Cell Prof. In charge – Student Affairs Prof. In charge – JCI Cbe KTVR In charge – Environmental Engineering Lab	

Institution	Kalaivani College of Technology	
Position	Assistant Professor – Civil Engineering	
Duration	July 2009 to May 2011	
Courses Handled	Responsibilities Held	
Engineering Graphics Engineering Mechanics Applied Geology Soil Mechanics Applied Hydraulic Engineering Basic Civil Engineering Engineering Practices Lab Computer Aided Building Drawing Lab Computer Aided Drafting and Modelling Lab Strength of Materials Lab	In charge – Department of Civil Engg. In charge – AICTE Approval In charge – Online Brand Presence In charge – Strength of Materials Lab In charge – KVCT Quiz Club In charge – Rotaract Club of KVCT Executive Member – Anti Ragging Committee	

Institution	Adithya Institute of Technology	
Position	Senior Lecturer – Mechanical Engineering	
Duration	July 2008 to June 2009	
Courses Handled	Responsibilities Held	
Engineering Graphics Engineering Mechanics Basic Civil Engineering Engineering Practices Lab Computer Aided Drafting and Modelling Lab	In charge – Department of Mechanical Engg. In charge – Mechanical Workshop In charge – Examination Cell In charge – Consumer Club	

Institution	SNS College of Engineering	
Position	Lecturer – Mechanical Engineering	
Duration	July 2007 to May 2008	
Courses Handled	Responsibilities Held	
Engineering Graphics Environmental Science Basic Civil and Mechanical Engineering Engineering Practices Lab	In charge – Time Table In charge – Engineering Practices Lab (Group A) In charge – Online Communications	

Institution	ECO - TECH	
Position	Chief Executive	
Duration	June 2006 to July 2007	
Projects Done	General Responsibilities	
OCAT Treatment for Tannery Industries OCAT Study for Shrimp Farming Orathupalayam Dam Restoration Pilot Project	Company Promotion Research Work Documentation Co-ordination with Sponsoring agencies	

Institution	Tamilnadu College of Engineering	
Position	Lecturer – Civil Engineering	
Duration	June 2005 to June 2006	
Courses Handled	Responsibilities Held	
Municipal Solid Waste Management Principles of Environmental Science & Engineering Strength of Materials Strength of Materials Lab Engineering Practices Lab	In charge – Environmental Engg. Lab In charge – Time Table In charge – Civil Engineering Association In charge – Siruthuli Forum Member – Training and Placement Cell	

Institution	Hindusthan College of Engineering and Technology	
Position	Lecturer – Mechanical Engineering	
Duration	May 2004 to May 2005	
Courses Handled	Responsibilities Held	
Principles of Environmental Science & Engineering Strength of Materials Strength of Materials Lab	In charge – Strength of Materials Lab In charge – Department Exam Cell Member – University Examination Cell In charge – Youth Red Cross, HICET	

EDUCATIONAL INITIATIVES

In 2006, I had created and Maintained a Website www.ce071classroom.com to enhance online and participative learning of students for the course CE071 Environmental Science and Engineering

In 2012, I had authored and published a book titled “Disaster Management” to suit the requirements of IV EEE and IV ECE students of erstwhile Anna University Coimbatore

In 2014, I hosted a course “Geology for Civil Engineers” using online free course management website www.udemy.com

I have been invited regularly as a Speaker for FDPs, Seminars and Guest Lectures by colleges, polytechnics and schools.

RESEARCH PROJECTS CONDUCTED/INVOLVED

- ❖ Possibilities of Reuse of Water Hyacinth in Coimbatore Lakes (Ongoing)
- ❖ Baseline Study for Integrated Watershed Modelling and Development of Web Based GIS for Urban Rural Fringe (2013)
- ❖ Comparative Study on Utility of Light Weight Concrete Blocks and Fly Ash Bricks for Load Bearing Masonry Walls (2011)
- ❖ Study on Effectiveness of Ozonisation for the Restoration of Noyyal Orathupalayam Dam (2007)
- ❖ Study on Effectiveness of OCAT in Improvement of Shrimp Farming at Mimisal (2006)
- ❖ Enhanced OCAT – A Cleaner Production Option for Tannery Industries (2004)
- ❖ Experimental Study on Effectiveness of Ozonisation for Treatment of Ellampillai Tank (2003)
- ❖ Strategic Study of Pollution of Noyyal River at Tiruppur (2002)

RESEARCH PUBLICATIONS

- ☺ “Wastewater Reuse Plan for Textile Industries”, National Conference on Management of Water Resources, Government College of Technology, Coimbatore, March 2003
- ☺ “Framing an Environmental Management Agenda for SMEs” Indian Environment Congress, Karpagam College of Arts & Science, Coimbatore, June 2003
- ☺ “Potability Studies of Drinking Water in Rural Villages of Coimbatore District, Tamilnadu”, India, pp. 729-739, International Journal of Applied Environmental Sciences, November 2010
- ☺ “Use of SMS as a Tool to Enhance Classroom Climate”, 15th ISTE TN & Pondicherry Convention, Maharaja Institute of Technology, Coimbatore, October 2012
- ☺ “A Study on Adsorption of Chromium using Wood Ash and Rice Husk”, 3rd International Conference on Current Trends in Engineering and Technology, Akshaya College of Engineering and Technology, Coimbatore, April 2016
- ☺ “A study on low cost treatment of textile industry effluent using adsorption and aerobic treatment towards zero liquid discharge” International Conference on Wastewater Management, Kumaraguru College of Technology, Coimbatore, August 2017
- ☺ “An Experimental Investigation on Substitution of Water Hyacinth in Vermi Composting of Organic Waste” National Conference on Creative Ideas in Civil Engineering, Dr.MGR Educational and Research Institute, Chennai, April 2018

SEMINARS/WORKSHOPS/FDP

- ☺ Participated in AICTE Sponsored FDP on Design and Detailing of Earthquake Resistant Structures organized by Kumaraguru College of Technology, Coimbatore (December 2017)
- ☺ Participated in One day Seminar on “Impact of Industrial and Urban Activities in River Water Quality System” organised by NSN College of Engineering and Technology (December 2017)
- ☺ Chief Coordinator of Anna University Approved FDTP on “Environmental Engineering II” organised by Akshaya College of Engineering and Technology, Coimbatore (December 2015)

- ☺ Participated in Anna University Sponsored FDTP on “Mechanics of Solids” organised by Kumaraguru College of Technology, Coimbatore (December 2014)
- ☺ Chief Coordinator of National Seminar on Evolving Paradigms in Municipal Solid Waste Management organized by Department of Civil Engineering, Coimbatore Institute of Engineering and Technology (September 2014)
- ☺ Participated in ISTE Sponsored Workshop on Fluid Mechanics under National Mission of Education through ICT (May 2014)
- ☺ Coordinator for “National Conference on Advanced Trends in Communication, Control and Computing Technologies” organised at KTVR Knowledge Park for Engineering and Technology, Coimbatore (March 2013)
- ☺ Coordinator for “Training Programme for Engineers and Architects on Earthquake Engineering” organized by Coimbatore Corporation and Tamilnadu College of Engineering (April 2006)
- ☺ Participated in National Seminar on “Renewable Energy – Energy for the Future” organised by Ministry of Non Conventional Energy Sources (August 2005)

AREAS OF INTEREST

Municipal Solid Waste Management

Low Cost Water/Waste Water Treatment

SOCIAL MEMBERSHIPS

Indian Society of Technical Education (Life Member)

Rotary Club of Coimbatore Downtown (President 2019-20)

Junior Chamber International Coimbatore Marutham (Past President)

Indian Senior Chamber Coimbatore Legion (Joint Secretary)

Environmental Management Association of South India (Founder Member)

Institute of Liberal Studies (Director)

Humour Society, Coimbatore

Coimbatore Book Club

Cinema Club of Coimbatore

KCT Alumni Association

GCT Old Boys Association

PERSONAL POINTS

Date of Birth (Age) : 18/08/1981 (37)

Gender : Male

Family Background : Born as the eldest child to Late Mr.S.R.Ponnuswami, (a renowned PWD Class A Contractor and proprietor of Navrang Mosaic Industries) and Mrs.Gowri Ponnuswami, a home maker.

Marital Status : Single

Nationality : Indian

Linguistic Knowledge : English, Tamil

Blood Group : A1B Positive

Personal Traits : Open minded, Passionate
Humorous, Innovative

Interests : Training, Content Writing

COMMUNICATION

Residential Address : Reavan Zone, 79, Subbiah Mudaliar Street
(Near Murugan Temple)
Coimbatore – 641 001, TN, India

E-mail address : reavan@gmail.com, reavan@ymail.com

Website : www.ponrathnavel.info

Mobile : 9965590456 , 9894090456

REFERENCE

Dr.K.AKIL, Professor and Head – Department of Civil Engineering, Hindusthan College of Engineering and Technology, Coimbatore

DECLARATION

I hereby declare that the above written particulars are true to the acme of my awareness.

Digitally Signed
RATHNAVEL PON.