

Name of the Faculty : D.RAGAVANANTHAN

Designation : Visiting Faculty

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Date of Birth : 11-Aug-1989

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CIVIL AND ENVIRONMENTAL ENGINEER

OBJECTIVE

Seeking an entry level position to utilize my skills and abilities, which offer high and professional growth, innovation and flexibility.

ACADEMIC CHRONICLE

Course / Specialization	Year	Institution	Percentage / CGPA
Master of Engineering in Environmental Engineering	2014	Anna University, Trichy, Tamilnadu.	7.8 CGPA
Bachelor of Engineering in Civil Engineering	2012	Kongu Engineering College, (An Autonomous Institution, An ISO- 9001 Certified Institution) Perundurai, Erode, Tamilnadu.	7.98 CGPA
XII Standard	2008	A.K.T Academy Matric.Hr.sec School Kallakuruchi-606202, Tamil Nadu..	88.7 %
X Standard	2006	St. Josephs Hr. Sec School Eraiyur, Villupuram (D.T) - 607201, Tamil Nadu.	91.2 %

TECHNICAL SKILLS

- Strong knowledge in waste water treatment processes, EIA report preparation, Remote Sensing and GIS techniques.

- Knowledge in multi-family, Construction document preparation utilities, reinforcement, curtailment details, and land development approval processes.
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INTERPERSONAL SKILLS

- Strong leadership and technical engineering skills with experience in project management, planning, design, and construction phase services.
 - Self-motivated individual, capable of working independently or as part of a team. Willing to travel.
 - Quick Learner and having strong reasoning skills.
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COMPUTER PROFICIENCY

- Strong knowledge in MS Office Suite, AutoCAD, Revit.
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PROJECT EXPERIENCE

UG Project:

1. ‘Study On The Behavior Of RCC Elements With Partial Replacement Of Steel Slag As Aggregate’.
 - To examine the design strength of the concrete without water curing.
 - To study the tensile strength of the concrete.
 - To study the compressive and flexural strength of the concrete.
2. Design, estimation and analysis of railway over bridge at Neelambur near Coimbatore.
 - To examine the design of RCC bridge.
 - To prepare detailed estimation of bridge.
 - To analyze the bridge by using STRAP.
3. Structural Behavior of RCC Elements with Steel Slab.
 - To utilize the steel slag (a steel plant waste) as a partial replacement for coarse aggregate in concrete.
 - To analyze the strength characteristics of the concrete under static and dynamic loading process.
 - To bring down the cost of concrete by using steel slag and to overcome the aggregate shortage in market.

PG Project:

1. 'Experimental studies on removal of nickel from waste water using raw *Musa sapientum*'.
 - In batch process - adsorbent amount, heavy metal initial concentration, contact time on adsorption efficiency, effect of pH, agitation speed, adsorbent size were studied.
 - Langmuir & Freundlich adsorption isotherms were studied.
 - In column process – initial concentration, flow rate, velocity, time, effects were studied.
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IN-PLANT TRAINING

- Indian Hume Steel Company, Madurai - Manufacturing and Testing Unit.
 - Mettur Thermal Power Station, Mettur - Maintenance and Water Treatment Unit.
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ACHIEVEMENTS

- Presented paper entitled 'EXPERIMENTAL STUDIES ON REMOVAL OF NICKEL FROM WASTE WATER USING RAW *MUSA SAPIENTUM*' at CHANCE'14 a National Conference held at University College of Engineering, Tindivanam.
- Presented paper entitled 'EQUILIBRIUM ISOTHERM STUDIES ON REMOVAL OF NICKEL FROM WASTE WATER USING RAW *MUSA SAPIENTUM*' at TEQUIP-II Sponsored two days National Conference on "Recent Trends in Civil and Environmental Engineering held at Anna University, Bharathidasan Institute of Technology, Tiruchirappalli.
- Undergone Tire II training course on "AQUIFER INFORMATION SYATEM AND AQUIFER MANAGEMENT PLAN" organized by Ministry of Water Resources at Tiruchirappalli from 6th to 10th January 2014.
- Presented paper on 'FLYASH IN WASTE WATER TREATMENT' in TATVA'10 a national level Technical symposium conducted in NIT CALICUT and WON SECOND PRIZE.
- Presented paper entitled "GROUND IMPROVEMENT USING GEOSYNTHETIC MATERIALS" at Audisankara Engineering College Nellore, Andra Pradesh.
- Presented a paper entitled "GREEN BUILDINGS" at Mepco Schlenk Engineering College, Sivagasi.
- SECOND PRIZE in CAD CONTEST competition at AMTIRA UNIVERSITY

Coimbatore.

- School Topper In SSLC.
 - Scored Centum in 10th &12th MATHEMATICS.
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MEMBERSHIP

- theIRED (Institute of Research Engineers and Doctors) Student Member, Membership No:
SM1009284.