Dr.G.VIJAYA KUMAR
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Department of Civil Engineering
UCE- Ariyalur
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- **Research Area:**

Integrated Hydrogeological studies using Remote Sensing and GIS Technology in Ariyalur Taluk ,Tamilnadu ,India

- **Educational Qualifications:**

Qualification	Department	Year and Month of completion
Ph.D	Civil Engineering	Apr-2018
M.B.A	Personnel Management	May-2006
M.E	Civil Engineering	Nov-2001
B.E	Civil Engineering	Apr-2000

- **Experience:**

Name of Company / Institutions	Designation of Post	From	To
University college of Engineering,Ariyalur	Assistant professor	Sep 2009	Till Date
K.S.Rangasamy college of Technology,Tiruchengode	Assistant Professor	Jan 2008	Sep 2009
V.M.K.V Engineering College, salem	Lecturer	June 2005	Dec 2006
IRTT,Erode	Lecturer (Temporary)	July 2003	June 2005

- **Additional / Academic Responsibilities at University:**

1. Acting as Coordinator Civil Maintenance, University College of Engineering From Septemper 2012 To Till Date
2. Acted as Zonal officer (Anna University Examinations) for Zone XII University College of Engineering Ariyalur from Jan 2024 To March-2024
3. Acted as Head i/c , Department of Civil Engineering ,University College of Engineering From Septemper 2010 To Jan-2020
4. Acted as Exam cell Coordinator, University College of Engineering From July 2018 To July 2019

- **Membership of Scientific and Professional Societies:**

Life Member in ISTE

- **Completed B.E/M.E Projects:**

a. Number of ME Projects Completed: 02
b. Number of BE Project Completed: 35 Nos

- **List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India)**

a. Faculty development program on "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 28th February,2022 to 4th March, 2022.

b. Faculty development program on 'Data science for all' organized by Electronics and ICT Academies NIT Warangal IIITDM Jabalpur and NIT Patna during 27-07-2020 to 08-08-2020.

c. Attended National seminar titled 'ANSYS (TAMIL)' organized by AAA college of Engineering and Technology during 26-05-2020 to 27-05-2020.

d. Attended National seminar titled 'Project Planning' organized by Department Of Civil Engg Ramco Institute Of Technology on 19-05-2020.

e. Attended National seminar titled 'planning for building construction (residential) as per tamilnadu combined development and building act 2019'

organized by Department of Civil Engineering Francis Xavier Engg College Tirunelveli during on 15-05-2020.

f. Industrial Training On 'Telecom Tower Construction ' organized by RAJIV Gandhi Memorial Telecom Training Centre during 08-06-2020 to 26-06-2020.

g. Short term training course on ‘ Workplace Communication’ organized by IIT-Bombay during 04-10-2018 to 12-11-2018.

h. Short term training course on ‘ Soft skills’ organized by IIT-Bombay during 06-09-2018 to 04-10-2018.

i. Short term training course on ‘ Efective use of IT for professional activities’ organized by IIT-Bombay during 06-09-2018 to 11-11-2018.

j. Faculty Development Programme on ‘ Pedagogy for online and blended teaching learning process’ organized by IIT-Bombay during 14-09-2017 to 12-10-2017 (29 Days).

k. Faculty Development Programme on ‘Foundation program in ICT for Education’ organized by IIT-Bombay during 03-08-2017 to 07-09-2017 (36 Days).

l. Faculty Development Programme on ‘ CE 6403 Applied Hydraulic Engineering’ organized by Department of Civil Engineering ,University College of Engineering Ariyalur during 29-11-2016 to 05-12-2016 (7 Days).

m. Faculty Development Programme on ‘ CE 6505 Design of Reinforced Concrete Elements’ organized by Department of Civil Engineering ,Knowledge Institute of Technology,Salem during 20-05-2015 to 27-05-2015 (8 Days).

n. Faculty Development Programme on ‘ CE 6405 Soil Mechanics’ organized by Department of Civil Engineering ,University College of Engineering Ariyalur during 12-12-2014 to 18-12-2014 (7 Days).

o. Faculty Development Programme on ‘ Strength of Materisals’ organized by Department of Civil Engineering, Sengunthar Engineering College,Tiruchengode during 18-12-2010 to 24-12-2010 (7 Days).

p. Workshop on Science and Technology ‘Capacity building for Industrial Needs’ organized by Placement cell, University College of Engineering Ariyalur during 07-07-2014 to 09-07-2014 (3 Days).

q. Workshop on ' Networking and Troubleshooting' organized by Department of Computer Science and Engineering, University College of Engineering Ariyalur during 29-09-2014 to 01-10-2014 (3 Days).

r. National Seminar on ' Innovative site Remediation Techniques (NSISRT-13)' Organized by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 19-01-2013 (1 Day).

- **Publications :**

International Journals:

1. G.vijayakumar,G.Baskar, M.Margabandhu 2016, 'Groundwater quality analysis by using GIS techniques at Ariyalur Taluk, Tamilnadu, India', International journal of innovation and scientific Research ,Vol.24,Page no 452-460.

2. M.Margabandhu, S.Sendhilnathan, G.Vijayakumar 2016, 'Investigation of structural and magnetic properties of cobalt manganese ferrite Nanoparticles,' International journal of innovation and scientific Research, Vol.25, Page no .1-7.

3. G.vijayakumar,G.Baskar 2016, 'Evaluation of Groundwater quality of bore wells at Ariyalur Block, Tamilnadu, India,'__Journal of chemical and pharmaceutical Research, Vol.8,Page no 605-609.

4. K.P. Senthilnathan, R. Murugesan, K .Jegadeesan, G .Vijayakumar 2015, 'Study on corrosion protection in Reinforced Concrete Slabs,' International Journal of Applied Engineering Research,Vol.10, Page no 22-28.

5. G.Vijayakumar, G.Baskar, K.P.Senthilnathan 2014, 'Study of physico-chemical characteristics of groundwater at Ariyalur Block, Tamilnadu, India', Journal of chemical and pharmaceutical Research, Vol.6,Page no 184-188.

6. K.P.Senthilnathan, R.Murugesan, G.Vijayakumar 2014, ' Experimental study on corrosion prevention in R.C. Slabs', International journal of Engineering Research, Vol. 3,Page no 1008-1013.

7.G.Vijayakumar, G.Baskar 2016, 'Assessment of Groundwater Quality In Thirumanur Block, Ariyalur District, Tamilnadu, India', Middle-East Journal Of Scientific Research, Vol.24, Page no 1679-1683.

Books:

1. Dr.S.Ramesh, Dr.G.Shyamala, Dr.P.Loganathan, Dr.G.Vijayakumar, Dr.R.Jagadeesan published book titled on ‘ Innovative Sensors and AI for Monitoring Civil Engineering Structures’ Cosmos Scientific Publications, ISBN: 978-81-19359-72-1, DOI: doi.org/10.5281/zenodo.10213341.