



# Dr. V.Rajkumar

Professor in Civil Engineering, Government College of Engineering, Dharmapuri

## Personal Details

Date of Birth : 09-July-1966

Age : 55 years

Address : 9-4, Thiruvalluvar street, Subramaniya  
nagar, Salem – 636005

Nationality : Indian

Contact numbers : +91 9942031396, 9677384264

e-mail ID : gcerajkumar@gmail.com

## Educational Qualifications

Year	Degree	University
1987	B.Tech – Civil Engg.	Jawaharlal Nehru Tech. Univ., Hyderabad
1992	M.S. – Tech. Operations	Birla Institute of Tech and Science, Pilani
1998	M.E. – Structural Engg.	University of Madras
2012	Ph.D. – Civil Engg.	Anna University, Chennai

## Experience

- 34 years of teaching in engineering colleges
- Guided 138 undergraduate projects
- Guided 52 postgraduate thesis
- Guiding 7 Ph.D. scholars (2 full-time and 5 part-time)
- Doctoral committee member for 11 Ph.D. scholars
- Published 20 papers in international journals



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Professor in Civil Engineering, Government College of Engineering, SALEM - 636011

## Membership in professional bodies

- Lifetime member in Indian Society for Technical Education
- Lifetime member in Ferrocement Society of India
- Was a board of studies member in Sona College of Technology, Salem and KSR College of Engineering, Tiruchengode
- Academic council member in Paavai Engineering College and programme advisory committee member in Thiagarajar Polytechnic college, Salem

## Additional responsibilities

- Training and Placement officer in Government College of Engineering Salem from 2006 – 2015
- Syndicate member of Anna University

## Awards received

- Excellence in teaching and research from Salem, Tamil Nadu from Prime Time Research Media at 7<sup>th</sup> Global education excellence awards, 2019 and summit, New Delhi
- Dr. A.P.J.Abdul Kalam award for Scientific/Teaching Excellence 2018
- Distinguished Professor award by DK International Research Foundation
- International Best Researcher award by International American Council for Research and Development
- Top10 Researchers award by EET-CRS, New Delhi

## Other works undertaken

- Question paper scrutiny member in Tamil Nadu Public Service Commission
- Anna University affiliation committee member
- National Institute of Technology, Trichy staff selection member
- AICTE inspection committee member (State Government Nominee)



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## Accomplishments

- Lot of structural and soil consultancy projects in and around Salem for Government, Quassi Government and private organizations
- Consultant for many rehabilitation and retrofitting works of commercial and industrial structures
- Soil and foundation consultant

## Month and year of retirement

- May 2027

**Dr. V.Rajkumar**

## **LIST OF PUBLICATIONS DURING LAST 6 YEARS**

**Dr.V.RAJKUMAR**

Professor & Head/P.G.,

Govt. College of Engineering, SALEM – 11.

1. “*Investigation on the enhancement of flexural behaviour of retrofitted reinforced concrete beams*” – **International Journal of Innovations in Engineering and Technology (IJIET)** – Volume 6 | Issue 3 | February 2016. Pages 147 to 154. ISSN: 2319 – 1058.
2. “*Behaviour of concrete beams reinforced with fibrous polymer composite bars (FRB)*” – **Indo Global Journal of Applied Engineering** – Volume 2 | Issue 1| May 2014. Pages 154 to 157. ISSN: 2321 – 5267.
3. “*Experimental study on strengthening of reinforced concrete beams using glass fibre reinforced polymer sheets*” – **Indo Global Journal of Applied Engineering** – Volume 2 | Issue 1| May 2014. Pages 158 to 161. ISSN: 2321 – 5267.
4. “*Corrosion resistance performance of ethyl amines in fly ash blended cement concrete*” – **Applied Mechanics and Materials** – 507 | 2014 | Pages 286 to 290. ISSN: 1660 – 9336. URL:<http://www.scientific.net>

5. *“Inhibitive effect of organic inhibitors in concrete containing quarry dust as fine aggregate”* – **International Journal of Advances in Engineering Sciences**–Volume 2 | Issue 1| January 2012. Print ISSN: 2231 – 2013 e:ISSN: 2231 – 0347.
  
6. *“Significance of fly ash in producing durable eco-friendly concrete with corrosion inhibitors”* – **Advanced Materials Research** – 347 and 353 | 2012 | Pages 4069 to 4073. ISSN: 1022 – 6680. URL: <http://www.scientific.net>
  
7. *“Enhancement of corrosion resistance of fly ash blended cement concrete using organic inhibitors”* – **Asian Journal of Chemistry** – 23 and 12 | 2011 | Pages 5511 to 5516. ISSN: 0970 – 7077. URL: [www.asianjournalofchemistry.co.in](http://www.asianjournalofchemistry.co.in)
  
8. *“Study on the enhancement of the properties of concrete by optimizing the properties of hybrid mineral admixtures”* – **International Journal of Research and Innovation in Engineering Technology** – Volume: 02 | Issue 12 | May 2016. ISSN (Online): 2394 – 4854.
  
9. *“Study on the significance of various coarse aggregates and silica fume in the development of high density concrete”* – **International Journal of Emerging Technology and Advanced Engineering** – Volume 6 | Issue 9 | September 2016. Pages 314 – 318. ISSN: 2250 – 2459.ISO 9001:2008 Certified Journal

10. “*Significance of hybrid mineral admixtures in enhancing the mechanical and durability properties of concrete with partial replacement of fine aggregate by quarry dust.*” – **Indo Global Journal of Applied Engineering** – Volume 5 | Issue 1 | March 2017. Pages 241 to 245. ISSN: 2321 – 5267.
11. “*Experimental study on the significance and behaviour of magnesium based cementitious structures*” – **Indo Global Journal of Applied Engineering** – Volume 5 | Issue 1 | March 2017. Pages 202 to 205. ISSN: 2321 – 5267.
12. “*Investigation on the strength and corrosion resistive properties of fly ash blended quarry dust concrete*” – **International Journal of Engineering Research in Mechanical and Civil Engineering** – Volume 2 | Issue 12 | December 2017. Pages 79 to 84. ISSN (Online): 2456 – 1290
13. “*Significant effects of cementitious materials on strength gain properties of concrete with partial replacement of fine aggregate by quarry dust*” – **International Journal of Engineering & Technology** – Volume 7 | Issue 4 | 2018. Pages 2051 to 2057. Website : [www.sciencepubco.com/index.php/IJET](http://www.sciencepubco.com/index.php/IJET) doi:10.14419/ijet.v7i4.16064
14. “*An experimental study on metal wire mesh externally bonded in concrete cylinders*” – **International Journal of Information and Computing Science** – Volume 5 | Issue 12 | December 2018. ISSN No.: 0972 – 1347
15. “*Calorific studies and its influence on Alkali Activated Fly Ash based concrete composites*” – **International Journal of Latest Technology in**

16. “*Performance evaluation of Benzimidazole on the durability of fly ash blended concrete*” - **International Journal of Management, Technology and Engineering** – Volume 08 | Issue XII | December 2018 | Pages 4296 – 4300. ISSN No.: 2249 – 7455
  
17. “*Significance of Ethanolamines in enhancing corrosion resistance of fly ash blended concrete*” – **Online International Interdisciplinary Research Journal** – Volume 08 | Special Issue (02) | December 2018. ISSN No.: 2249 – 9598
  
18. “*Simulation analysis on mineral based thick walled concrete cylinders subjected to end loading conditions*” – **Caribbean Journal of Science** – Volume 53 | Issue 1 | Jan. – April 2019 | ISSN No.: 0008 – 6452
  
19. “*Experimental investigations on damaged reinforced concrete beams retrofitted with synthetic wraps*” – **Caribbean Journal of Science** – Volume 53 | Issue 2 | May – August 2019 | ISSN No.: 0008 – 6452