

# **Faculty Profile**



**Dr. R. GOPALAKRISHNAN , M.E., Ph.D**  
Professor / Civil Engineering

## **HIGHLIGHTS:**

- Number of Journal Publications: 22
- H-Index:5
- Project Funding Received: Nil
- Patents Published: 2
- Patents Granted: Nil

## **PROFESSIONAL LINKS:**

- Scopus ID: 59376715600
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=59376715600>
- Google Scholar ID: FB6siP0AAAAJ
- Anna University Faculty ID: 3106601
- AICTE Faculty ID: 1-7498990748
- Anna University Supervisor ID: 3910022
- LinkedIn: <https://www.linkedin.com/in/gopalakrishnan-rajagopalan-3b2b37130/>

## **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 16 Years
- Industrial Experience: 7 Years

## **INTERNATIONAL EXPOSURE:**

Worked in Alroostamani Pegal Ltd., Dubai for around 2 Years as Engineer in multistorey buildings.

**AREA OF SPECIALIZATION:**

- Structural Engineering, Material Testing, Geopolymer Concrete and Quality Control testing in the field.

**Ph.Ds AWARDED WITH DETAILS: NIL**

S:No	Name of Scholar	Title of Thesis	Year of Completion	Full Time/Part Time

**Ph.Ds GUIDING:**

- Part Time Scholars: 1 ( Mr.Jebaraj, AP, DMI College of Engineering)

**SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:**

1. Research projects applied: 1(Optimalisation of Alumina Silicate Concrete For Sustainable Environment Using Artificial Neural Network)

**PATENTS PUBLISHED/GRANTED:**

- Patent Published : 2 (1. Self healing concrete with recycled aggregate, 2. Optimized Geopolymer Concrete with slag and fly ash blends Under ambient temperature)

**COURSES CERTIFIED:**

NPTEL COURSES COMPLETED: 10

1. Design of RC Structures (Elite)
2. Advanced Concrete technology
3. Accreditation and outcome-based learning
4. Development and Applications of special concretes
5. Education for sustainable development (Elite with Silver)
6. Geotechnical Engineering Laboratory
7. Introduction to civil engineering profession (Elite)
8. Maintenance and repair of concrete structures
9. NBA Accreditation and teaching and learning in Engineering
10. Plastic waste Management (Elite)

**ACHIEVEMENTS AND AWARDS:**

- Received the Government of India Merit Scholarship to study in the Residential School (1979 – 1982)
- First Rank in VI and VII Semester B.E
- Received Best Ph.D Thesis Annual Award 2018, from Indian Concrete Institute.
- Completed total of 10 NPTEL Courses.

- Received the Best faculty Award from Grabs Educational Society, Chennai on April,2022.
- FDP Conducted / Organized : 3 Nos. (Anna University FDP)
- National Web Conference – Organized the National Web Conference.
- International Conference on Applied Science and Engineering Technology – Key Note Speaker
- International Conference on sustainable Environment & Civil Engineering – Organized two conferences 2021,22.
- International Workshop – organized 1 No
- *Membership in Professional Societies:* ISTE – Life member in Indian Society for Technical Education – LM 6517
- Received fund of Rs.35000/ to conduct the Faculty development training Programme- Jan.2025 from Anna University, Chennai.

#### **SPECIAL SESSIONS DELIVERED:**

1. Delivered a Keynote speech in the International Conference on Applied Science and Engineering Technology organized by IFERP – 2019
2. Delivered a Guest lecture in the Online Platform (Ramco Institute of technology)

#### **CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

##### **International and National Conference Attended and Presented Presented:**

Sl.No.	Year	Int. or Nat. conference	Name of the Paper	Name of the conference
23	2012	International Conference	Effect of concentration of Alkaline liquid on Strength of Geo Polymer Concrete.	Sustainability challenges and Advances in Concrete Technology 2012, PSG College of Technology, Coimbatore (Presented)
24	2012	International Conference	Influence of Silica fume on Strength Characteristics of Alumino Silicate Concrete	Third Joint International Conference, Advances in Engineering Technology organized by IDEAS (Presented) <a href="http://www.searchdl.com">www.searchdl.com</a>
25	2013	International Conference	Strength characteristics of Alumino Silicate Concrete Composites	Engineering Materials and Processes (ICEMAP, 2013), Tagore Engineering College, Chennai(Published)

26	2012	<b>International Conference</b>	Influence of Silica fume on Strength Characteristics of High Strength concrete.	Design and Application of Structures, Drives, Computing Systems, KLN College of Information Technology, Madurai (Presented)
27	2004	<b>International Conference</b>	Experimental Investigation on High Performance Fly ash Concrete in aggressive Environment	ICFRC-International Conference, Chennai (Presented)
28	2004	<b>International Conference</b>	Experimental Investigation on High Performance Fly ash Concrete in Normal and aggressive Environment	The World of Concrete Structures International Conference, Singapore. (Published)
29	2003	National Symposium	Supplementary Cementing material in reducing green house gas emission- fly ash.	Mepco Schelenk Engineering College, Sivakasi. (Presented)
30	2004	National Symposium	Industrial waste in developing infrastructural needs of India – Fly ash	Raja College of Engineering & Technology, Madurai.- 2 <sup>nd</sup> Prize (Presented)
31	2004	National Symposium	Role of fibre reinforced polymers in Strengthening of RC Structures	Annamalai University, Chidambaram- 2 <sup>nd</sup> prize (Presented)
32	2006	National Conference	Investigation on High performance Fly ash concrete.	PSNA College of Engineering & Technology, Dindigul (Presented)
33	2006	National Conference	Effective Replacement of Cement by Flyash – A Review	VLB Janakiammal College of Engg. & Technology, Coimbatore (Presented)
34	2011	National Seminar	Utilization of Industrial Waste Flyash – A Review	Tagore Engineering College, Chennai -48.

35	2012	National Conference	Effect of Concentration of Alkaline Liquid on Alumino silicate Concrete	Tagore Engineering College, Chennai.
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**Courses / FDPs/ Workshops Attended:**

Sl.No .	Type of Course	Topic	Organized by	Sponsored by	Year
1	ISTE Annual Convention	Modern Trends in Engineering Education	Moderator Polytechnic, Nagercoil	ISTE TN Pondichery section	2000
2	Workshop	Present trends in Valuation	Institution of Valuers, Madurai.	Institution of Valuers, Madurai	2003
3	Workshop	Cracks,corrosion and Leaks	Association of Consulting Civil Engineers, Madurai.	Association of Consulting Civil Engineers, Madurai	2003
4	Institute Industry Interaction Programme	Civil Engg.	Thiagarajar college of Engg., Madurai.	Association of Consulting Civil Engineers, Madurai	2002
5	ISTE Short term course	Applications of Geographical System & GPS for cartography	Mepco Schlenk Engineering College,Sivakasi	AICTE-ISTE	2005
6	National Workshop	Effective Method of Doing M.E. & Ph.D. Research Projects in Structural Engineering	Bannari Amman Institute of Technology Sathyamangalam	Bannari Amman Institute of technology.	2006
7	Faculty Development Programme	Astronomy	Bannari Amman Institute of Technology.	Bannari Amman Institute of Technology	2005

8	Faculty Development Programme	Design of R.C.Elements	Anna University, Chennai.	Anna University, Chennai.	2011
9	Short Term Training Programme	Historical Rest. Structural Monuments	IIT, Chennai.	IIT, Chennai.	2012
10	National Workshop	Advances in Concrete Technology and Sustainable Materials	Sri Venkateswara College of Engineering, Chennai .	Sri Venkateswara College of Engineering, Chennai	2012
11	National Workshop	Geopolymer Concrete	Annamalai University, Chidambaram.	Annamalai University, Chidambaram.	2013
12	National Workshop	Highway Geometric Design	Sri Venkateswara College of Engineering, Chennai .	Sri Venkateswara College of Engineering, Chennai	2013
13	National Workshop	Latest equipments on NDT Equipments for Concrete.	VIT University, Chennai.	VIT University, Chennai.	2013
14.	Short Term Course.	Advanced Concrete Technology	IIT, Madras	IIT, Madras	2015
15	Short Term Training Programme	Introduction to Structural Engineering	IIT, Kharagpur	IIT, Kharagpur	2016
16	Faculty Development Programme	Mechanics of Solids	SVCE, Chennai.	Anna University, Chennai.	2016
17	National Seminar	Piezoelectric and Magnetorheological Materials in Civil Engineering	SVCE, Chennai.	Institution of Engineers ( India)	2016

18	National Workshop	Road safety audit	SVCE, Chennai.	Institution of Engineers ( India)	2016
19	National Workshop	Mechanical Vibration, Mitigation Approaches and Measurement Techniques for Structural Applications	SVCE, Chennai	SVCE, Chennai	2017
20	Short Term Course	Solid Mechanics	Indian Institute of Science, Bengaluru.	AICTE, New Delhi	2017
21	Faculty Development Programme	Engineering Mechanics	Saveetha Engineering College, Chennai.	Saveetha Engineering College, Chennai.	2017
22	International Conference	International Conference on Transformations in Engineering Education.	Malla Reddy Engineering College, Hyderabad	CMR Institute of Technology, Hyderabad	2019

**PROFESSIONAL MEMBERSHIPS:**

Life member of the ISTE – LM6517

**OTHER DETAILS (If any): Nil**