

FACULTY PROFILE

Name : P.MAGUDEASWARAN
Designation : Assistant Professor (Senior Grade)
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Area of Specialization : Structural Engineering

Total Experience : Academic : 6 years 8 months
Industry : 8 years 8 Months

Educational Qualification:

Degree	Branch / Specialization	College	University
D.C.E	Civil Engineering	Government Polytechnic, Coimbatore-14	Directorate of Technical Education. Tamilnadu
B.E	Civil Engineering	Government College of Technology, Coimbatore	Anna University, Chennai
M.E	Structural Engineering	Kumaraguru College of Technology, Coimbatore	Anna University, Chennai

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Valluvan &CO.,	Site Engineer	6.05.2000	06.08.2006	6 Years 3 Months
2	Design Consortium	Structural Design Engineer	03.01.2007	01.06.2009	2Years 5 Months
3	Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore-10	Lecturer	03-06-2009	06.01.2010	7 Months
4	CMS College of Engineering And Technology, Coimbatore	Senior Lecturer	07.01.2010	06.06.2011	1 years 5 Months

5	Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore-10	Assistant Professor	09.06.2011	31.09.2014	3 Years 4 Months
6	Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore-10	Assistant Professor (Senior Grade)	01.10.2014	Till date	1 Year 5 Months
Total (as on Feb 2016)					15 Years 4 Months

Funded Projects:

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
1	Tirupur Dyers Association's	Dyeing Sludge waste used as useful Construction materials		2013-14

Consultancy Work:

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
1	Vriksham constructions, Ultra tech cements,	Cube testing		2011-2016

Patents (Specify the details):

NIL

Publications :

Journals :

1. "Experimental Study on Durability Characteristics of High Performance Concrete" has published in International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459) page 507-510, volume 3 issue 1 - January 2013

2. **“Experimental investigation of mechanical properties on micro-silica and fly ash as partial replacement of high performance concrete”** published in IOSR journal of Mechanical and Civil Engineering, Volume 6, Issue 4, May-June -2013.
3. **“Green Concrete Made with Industrial Wastes -A Panacea for Ecological and Environmental”** published in International Journal of Innovative Research in Engineering & Management (IJREM), ISSN: 2350-0557, Volume-3, Special Issue-1, April-2015 pages 127-134.
4. **“Incorporating Mineral Admixtures in High Performance Green Concrete”** published in International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.47 (2015) pages 32359-32367.
5. **“Durability Properties of Green High- Performance Concrete”** International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.47 (2015) pages 32321-32326.
6. **“Investigation on the flexural performance of Green high-performance reinforced concrete beams using Manufactured Sand”** International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.47 (2015) pages 32517-32522.
7. **“Use of Industrial Waste Materials in Sustainable Green High-Performance Reinforced Concrete Short Columns”** International journal of earth science and Engineering , ISSN 0974-5904, Volume 08, No. 04 August 2015, P.P.1649-1654.
8. **“Green High Performance Concrete Using Eco Sand and Industrial Wastes”** International Journal of Chemical Sciences: ISSN 0972-768X 13(2), 2015, P.P 661-671.

International Conferences:

1. A paper presented at **International Conference on “RECENT TRENDS IN ENGINEERING AND TECHNOLOGY”** organized by International Junction for Business Reviews And Modern Manufacturing Research (IJBRMM), Chennai at Kodaikanal, during 15,16th March 2013
2. A paper presented at **International Conference on “ FUTURISTIC INNOVATIONS & DEVELOPMENTS IN CIVIL ENGINEERING”** organised by Department of Civil Engineering ,MEPCO SCHLENK ENGINEERING COLLEGE, SIVAKASI during April 18 - 20, 2013
3. A paper presented at **TEQIP-II sponsored International Conference on “Advances in Civil Engineering Materials and Processes - ICACEMAP-2015”** organized by Department of Civil engineering, Coimbatore Institute of Technology ,Coimbatore during January 7-9, 2015.
4. A paper presented at **International Conference on “Sustainable Practices in Civil Engineering (SPICE 2015) ”**organized by Department of Civil Engineering ,KPR Institute of Engineering and Technology, Coimbatore during April 16- 18, 2015

National Conferences:

1. A paper presented at **National conference** on **“INNOVATIVE MATERIALS & METHODOLOGIES FOR DISASTER RESISTANT STRUCTURES (NCIMMDRS-08)”** Sponsored by Defense Research & development organization) (DRDO) organized Kongu Engineering College Erode-638052 On 10th & 11th April 2008.
2. A paper presented at Third **National Conference** on **“INNOVATIVE PRACTICES IN CONSTRUCTION & WASTE MANAGEMENT”** organized by Sri Ramakrishna Institute of Technology, Coimbatore -10 during 20 & 21 April 2011.
3. A paper presented at Forth **National Conference** on **“INNOVATIVE PRACTICES IN CONSTRUCTION & WASTE MANAGEMENT”** organized by Sri Ramakrishna Institute of Technology, Coimbatore -10 during 3 & 4th April 2013.
4. **Two** papers presented at Third **National conference** on **“RECENT ADVANCEMENT IN CIVIL ENGINEERING”** organized by Department of Civil engineering, Karpagam college of Engineering Coimbatore On 28th March 2014.
5. A paper presented at Fifth **National Conference** on **“INNOVATIVE PRACTICES IN CONSTRUCTION & WASTE MANAGEMENT”** organized by Sri Ramakrishna Institute of Technology, Coimbatore -10 during 8 & 9th April 2015.
6. A paper presented at **National Conference** on **“TECHNOLOGICAL INNOVATIONS IN STRUCTURAL ENGINEERING”** organized by Department of Civil engineering, Anna University Regional Centre, Coimbatore, during 7th April 2015.
7. **Two** papers presented at **TEQIP-II sponsored National Conference “Materials and Technologies for Sustainable Infrastructure [MTSI’15]** organized by Department of Civil Engineering, Government College of Technology, Coimbatore, during 7th April 2015.

Books Published:

Nil

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	Forth National Conference on “Innovative Practices in Construction & Waste Management”	3 & 4 th April 2013.	National
2	Fifth National Conference on “Innovative Practices in Construction & Waste Management”	8 & 9 th April 2015	National
3	Two days “Hands on Training on Bar Bending & Reinforcement Details “	01st September 15 to 03rd September 15	National

4	One day “ Hands on Training- Total Station & GPS ”	11 th September 15	National
5	Two weeks workshop on “ ISTE STTP on Introduction to Structural Engineering ” organized at IIT Kharagpur	4 th January 2016 to 9 th January 2016	National

Seminar, Conference, Workshop, FDP Attended:

1. **Refresher course** on “**STEEL- CONCRETE COMPOSITE STRUCTURES**” organized by Department of Civil Engineering, Kumaraguru college of Technology, Coimbatore -06 during 15th & 16th September 2006
2. **National workshop** on “**SESMIC DESIGN OF RCC STRUCTURES**” organized by Coimbatore Institute of Technology, Coimbatore-14 and Association of consulting civil Engineers (I), Coimbatore on 13th & 14th march 2007.
3. **Training programme** on **EARTHQUAKE AND STRUCTURES –EQST2007** conducted by the Department of Civil Engineering, Government College of Technology Coimbatore-13 from 16th to 22nd September, 2007.
4. **National seminar** on “**Innovative Construction Materials**” organized by Sri Ramakrishna Institute of Technology, Coimbatore 10 during 20th & 21st January 2010.
5. **National workshop** on “**NPTEL workshop**” organized by National Programme on Technology Enhanced Learning (IIT Madras) conducted on 5th to 09th April 2010.
6. **National workshop** on “**Application of fibers in Earthquake resistant Structures –AFERS’10**” Organized by Department of Civil Engineering, Kumara guru college of Technology, Coimbatore - 06 during 3rd September 2010.
7. **National seminar** on “**DISASTER MANGEMENT – CAUSES, PREVENTION AND PRPARDNESS**” organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore -10 during 24th & 25th February 2011.
8. **Workshop** on “**NEED BASED APPROACH FOR EFFCTIV TEACHING**” Organized by Sri Ramakrishna Institute of Technology, Coimbatore -10 during 21st June 2011.

9. **National seminar** on “**GROUND IMPROVEMENT TECHNIQUES**” organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore -10 during 21st & 22nd December 2011.
10. **National seminar** on “**INTEGRATED APPROACH FOR SUSTAINABLE WATER RESOURCES MANAGEMENT**” organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore 10 during 5th & 6th January 2012.
11. State Level One day **Workshop** on “**SESMIC HAZARDS, MITIGATIONS AND PREPAREDNESS**” organized by Department of Civil Engineering, RVS faculty of Engineering, Coimbatore, during 9th February 2012.
12. **National two days workshop** on “**Effective Writing of conference papers**” conducted by Indian Institute of Technology, Bombay and organized by Department of Civil Engineering, PSG College of Technology, Coimbatore during 18th & 19th February 2012.
13. **One day seminar** on “**IMPACT ON CLIMATE CHANGE AND ADAPTION TO ENVIRONMENT**” organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore , during 10 October 2012.
14. **One week practical training** on “**TOTAL STATION** ” organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore and AIMIL Ltd., Instrumentation and Technologies Division, Chennai, during 11 to 15 December 2012.
15. **Two days National level workshop** on “**ENERGY ,ENVIRONMENT &SUSTAINABLE DEVELOPMENT** ” organized by Department of Civil Engineering, Sri Krishna College of Technology, Coimbatore during 26&27 December 2012.
16. **One day seminar** on “**HEALTH MONITORING OF CONCRETE STRUCTURES**” organized by Department of Civil Engineering, Indian Institute of Technology, Madras during 13th September 2013.
17. One day **National workshop** on “**STRUCTURAL DESIGN CONCEPTS AND PRACTICES**” organized by Department of Civil Engineering, Anna University Regional centre, Coimbatore during 30th September 2013.
18. AICTE sponsored **National seminar** on “**RECENT ADVANCES IN CONSTRUCTION MATERIALS AND TECHNOLOGY**” organized by Department of Civil Engineering, Sri Ramakrishna Engineering College, Coimbatore during 4th October 2013.

19. Two days **National seminar** on **“INNOVATIVE PRACTICES IN CONSTRUCTION & WASTE MANAGEMENT”** organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, and Coimbatore 9&10th October 2013.
20. **One day National workshop** on **“UTILIZATION OF MINERERAL ADMIXTURES IN SUSTAINABLE CONCRETE”** organized by by Department of Civil Engineering ,Coimbatore Institute of Technology,Coimbatore-14 on 18th July,2014
21. **One day National workshop** on **“APPLICATION OF EFFETIVE TECHNOLOGIES FOR GREEN CONSTRUCTION AND MANAGEMENT”** organized by Coimbatore Institute of Technology,Coimbatore-14 on 22nd July,2014
22. Two days **National workshop** on **“Application of ANSYS in Civil Engineering ”** organized by Department of Civil Engineering, , organized by Department of Civil Engineering, Kumaraguru college of Technology, Coimbatore -06 during 19th and 20th September 2013.
23. **One day National Seminar** on **“PAST,PRESNET AND FUTURE OF CONCRETE”** organized by by Department of Civil Engineering,Sri Ramakrishna Engineering College,Coimbatore-22 on 3rd Febraury,2015
24. **One day Workshop** on **“Micro structural characterization of structural Concrete”** organized by by Department of Civil Engineering, PSG College of Technology, Coimbatore-04 on 28th Febraury,2015.
25. One day **National seminar** on **“Modern Trends In Foundation Engineering”** organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore 25th March 2015.
26. UGC Sponsored **One Day Workshop** on **“Recent Advances in Construction Techniques”** organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore 14th August 2015.
27. One day **National seminar** on **“Field Practices in Foundation Engineering”** organized by Department of Civil Engineering, Sri Ramakrishna Engineering College,Coimbatore-22 on 11th September,2015
28. One week Coordinators **workshop** on **“ISTE STTP on Introduction to Structural Engineering “** organized at IIT Kharagpur during 28th September to 2nd October 2015.

Faculty Development Programme Attended

1. AICTE Sponsored **Staff Development Programme** on “**COMPUTER METHODS OF STRUCTURAL ANALYSIS**” organized by Department of Civil Engineering, Sengunthar Engineering College, Tiruchengode During the period from 10th to 16th May 2010.
2. **Faculty Development programme** on “**ENGINEERING MECHANICS**” Sponsored by national mission on Education ICT(MHRD), Delhi held at, PSG College of Technology , during January 2010
3. **Faculty Development programme** on “**STRENGTH OF MATERIALS**” organized by Department of Civil Engineering, Sengunthar Engineering College, Tiruchengode, during 18-24, December 2010.
4. AICTE **Staff Development programme** on “**ADVANCED DEVELOPMENT IN CONCRETE**” Organized by Department of Civil Engineering, Sri Ramakrishna Institute of Technology, Coimbatore 10 during 10th July to 24th July 2011.
5. **Faculty Development programme** on “**EARTHQUAKE RESISTANT STRUCTURES**” Sponsored by Anna University, Chennai held at Dr. Mahalingam College of Engineering And Technology, Pollachi, during 17-21, December 2012.
6. ISTE **Faculty Development programme** on “**ENGINEERING MECHANICS**” Sponsored by National Mission On Education ICT (MHRD), Delhi held at, Sri Ramakrishna Institute of Technology , during 26th November - 06th December 2013.
7. ISTE **TWO - WEEK ISTE** on “**FLUID MECHANICS**” Sponsored by National Mission On Education ICT(MHRD), Delhi held at, Sri Ramakrishna Institute of Technology , during 20th to 30th MAY 2014.
8. TEQIP Sponsored **Faculty Development programme** on “**MECHANIC OF SOLIDS**” Organized by Department of Civil Engineering, Coimbatore Institute of Technology, and Coimbatore during 25th July to 31st July 2014.

Ph.D., Guidance / Supervisor ship:

Name of Scholar	Course	Area of Research	Status
Nil			

Guest Lectures Delivered:

Topic	Institution	Date(s)
AUTO CAD software training	Valluvan & co., Engineers	21.09.2009 to 22.09.2009.
STADD Pro. Software training	Valluvan & co., Engineers	03.12.2011 to 04.12.2011.
AUTO CAD software training	Valluvan & co., Engineers	12.05.2012 to 15.05.2012.
Primavera software training	Valluvan & co., Engineers	06.05.2013 to 07.05.2013.

Membership in Professional Bodies:

1. Member in Structural Engineering Federation of India(SEFI)
2. Member in International Association of Engineers (IAENG)
3. Member in International Association for Life-Cycle Civil Engineering(IALCC)
4. International Society for Structural and Multidisciplinary Optimization (ISSMO)
5. International Association of Hydrological Sciences(IAHS)
6. International Association for Bridge Maintenance And Safety (IABMAS)
7. Associate Member in Universal Association of Civil, Structural and Environmental Engineer(UACSE/IRED)
8. Member in Indian Association for Computational Mechanics (IndACM)
9. Member in Geo Engineer (Online)
10. Member in Sciences direct journals (online)

Contributions to the Institution, Department and Society:

1. Member in Anti ragging Committee(ARC)
2. Member in discipline committee
3. Member in Academic Advisory Committee(AAC)
4. Member in Quality Assurance Cell (QAC)

Awards and Recognitions:

1. Class Tutor for the Second Year B.E. Civil Engineering Students for the year 2011-12.
2. Class Tutor for the Second Year B.E. Civil Engineering Students for the year 2012-13.
3. Class Tutor for the Final Year B.E. Civil Engineering Students for the year 2013-14.
4. Class Tutor for the Second Year B.E. Civil Engineering Students for the year 2014-15.
5. Member - Discipline committee in graduation day celebration (2013-14, 2014-15).
6. Acted as organizing secretary in “National Conference on “Innovative Practices in Construction & Waste Management” organized by Sri Ramakrishna Institute of Technology, Coimbatore -10 during 3 & 4th April 2013.
7. Acted as Transport In charge in various workshop and seminar conducted by Civil Engineering Department Sri Ramakrishna Institute of Technology, Coimbatore -10.
8. Acted as organizing secretary in “National Conference on “Innovative Practices in Construction & Waste Management” organized by Sri Ramakrishna Institute of Technology, Coimbatore -10 during 8th & 9th April 2015.
9. Acted as workshop coordinator on“**ISTE STTP on Introduction to Structural Engineering** “ organized at IIT Kharagpur during 4th January to 9th January 2016.

