

PROFILE



Dr. J.PREMALATHA

(Age : 51 Yrs & 7 months)

Current Position

Professor Dept. of Civil Engg,
Kumaraguru College of Technology,
Coimbatore.

Women Empowerment Initiatives

- Chairman - Internal complaints and women empowerment committee
- Programmes organized: 25 Nos

Awards Received :

Engal Aasaan Award by KCT(2015)

Contribution in Accreditation Processes

- Coordinator/ HOD for NBA Accreditation Process : 5 times.
- Department level coordinator for NAAC Accreditation process : 2 times

Membership in professional Societies(Life member)

1. FIE -Institution of Engineers India
2. Indian Concrete Institute (ICI)
3. MISTE

Educational Qualification

B.E (Civil Engg)
M.E(Struct.Engg)
Ph.D

Teaching Experience

- * 29 Years (Teaching)
- * 10 Years as the Professor & HoD/ Civil

Institutional level responsibilities

- Chairman - Students Grievance and Redressal Committee
- Academic Regulations Review Committee member
- DMR –ISO 9001-2008 certification

Contribution in Curriculum Design

Chairman BoS (8 Years) -

UG (Civil Engg)Programme
P.G (Structural Engg) programme

Research contribution

- Ph.d guided (completed) : 2 No
- Ph.D supervisor : 2 No (current)
- Int. Journal /Conf.Publications : 35 Nos
- Int. conferences chaired : 5 Nos
- PG Projects Guided : 25 Nos
- UG Projects guided : more than 50 Nos

Text books Published : 3 Nos

RESUME

Name: Dr.J.PREMALATHA

Date of Birth (Age) : 11/04/1966, (50 Years)

Residential Address :

97/3, MANJEESWARI COLONY,
VELANDIPALAYAM,
COIMBATORE.
Pin :641025
Mobile : 9345386524
e.mail : premravi_11@rediffmail.com

Religion : HINDU

Community : B.C (DEVANGA)

Marital Satus : Married

Husband's Name : R.RAVEENDRAN

Details of children :

Name	R.SNEHA	R.UMADHARSHINI
Age	26	24
Studying/ Employed	Employed	Employed

EDUCATIONAL QUALIFICATION : B.E(Civil), M.E(Struct), Ph.D

	Under Graduate	Post Graduate	Research
DEGREE	B.E Civil)	M.E (Structures)	Ph.D (Civil Engg)
Month &Year	April1987	December1988	June 2006
College	Thiagarajar College of Engineering, Madurai.	Thiagarajar College of Engineering, Madurai.	Government College of Technology, Coimbatore
University	Madurai Kamaraj University	Madurai Kamaraj University	Bharathiar University, Coimbatore.
Class	First Class	First Class	NA

Total Teaching Experience : 29 Years & 3 months

Administration Experience as HOD : 10 Years

Details of Positions Held

Organization	Designation	Period of Employment			
		From	To	Yrs	Months
Kumaraguru College of Technology, Coimbatore.	Professor in Civil Engg Department	March2018	Till date	1	
	Professor & Head of Civil Engg Department	June 2008	Feb2018	9	8
	Associate Professor	July2007	June 2008	1	-
	Assistant Professor	March 2004	July2007	3	6
	Senior Lecturer	July 1999	Feb' 2004	4	7
	Lecturer	June1995	July 1999	4	-
Ratnavel Subramaniam college of Engg & Technology, Dindigul	Lecturer	Jan1989	May1995	6	5
			Total	29	3

Involvement in Curriculum Design :

- Board Chairman for BOS for B.E Civil Engg programme & M.E Structural Engg Programme
- Involved in curriculum design for 4 Regulations (R09, R13, R14,R15) as the Chairman of BoS.

Funding received :

- MODOBS scheme for SOIL MECHANIC LAB : Rs. 17 LAKHS
- Funding For International Conference : Rs. 5.0 Lakhs
- Funding for FDP programme : 5.75 Lakhs
- TNSCST students project : Rs.10,000(won the best project award)
- FDP on Solid mechanics sponsored by Anna University : Rs. 25,000

Research projects handled:

1. Sustainable flexible pavement using waste plastic and foundry sand.
2. Floating concrete.

Research & Recharge programmes

Ph.D Scholars (guiding)	Total : 4 Nos (2 nos Completed 2 Nos ongoing)
Journal Publications	International Journal : 25 National : 2
Conference Publications	International : 10 Nos National : 12 Nos
International conference organized	2 Nos
Conference/ workshops organized/ attended	27 Nos
Course Materials Prepared	4 Courses
Lab manuals prepared	2 Nos

Awards Received:

- “Engal Aasaan Award” by Kumagaruru college of Technology

List of books Published:

1. Basics of Civil and Mechanical Engineering -Year 2008
2. Engineering Mechanics –year 2011
3. Environmental science and Engineering -Year 2010

Membership in Professional bodies

Professional body	Type of membership
Institution of Engineers, India	FIE
Indian Concrete Institute	Life member
	MISTE

Students Projects Supervised during the last 5 years

Ph.D Scholar guided	Under graduate	Post Graduate	MS (Research)
2 Nos	More than 40 Nos	15 Nos	1 No

Journal Publications in referred journal

1. Premalatha J, Srinivasan K, Sreegeetha S , “A Performance study on partial replacement of polymer industry wastes as fine aggregates in concrete, Archives of civil Engg, volume:64, Issue:3, May2019, pp 45-56.
2. K.Kaviya, Premalatha J , “Prediction of compressive strength of High performance concrete using ANN models, International Research Journal of Engineering and Technology, April2019, Volume 6 , Issue :4, page : 1378-1387.
3. Premalatha J , M.Palanisamy, “Performance evaluation of multistorey steel frame with viscous fluid dampers in lower toggle configuration”, International Journal of .Innovative technology and exploring engineering, volume8 , issue 2S, December2018,page 327-331.
4. Premalatha J , R.Santhoshkumar, “A Study on seismic performance of Reinforced concrete frame with lead rubber bearing base isolation system , International Research Journal of Engineering and Technology, April2019, Volume 6 , Issue :4, Page 370-377.
5. Premalatha J , Mrinalini, “Seismic Behaviour of a Multi-storeyed Reinforced concrete irregular building with outrigger belt truss system” ,International journal of Engineering and advanced technology, volume8 , issue 2S, December2018, page 81-87,
6. Premalatha J , N.LakshmiPriya, “Seismic retrofitting of beam column joints in RCC buildings using jacketing techniques long with cross bars”, International Journal of .Innovative technology and exploring engineering, volume8 , issue 2S, December2018,page: 342-326.
7. Premalatha J, Srinivasan K, Sreegeetha S, “An experimental study on polypropylene rope reinforced pre stressed concrete beams”, Perspectivas em Ciencia da Informacao, v.22, sp.4, p140. , Nov./ Dec. 2017.
8. J.Premalatha ,P.A.Prabakaran, , KRP.Satheeshkumar , “ Experimental Investigation on Flexural behavior of geopolymer concrete” , International Journal of Civil Engineering &Technology , July 2017.
9. J.Premalatha, R.Manju, V.Senthilkumar , “Seismic response of multistoried steel frame with viscous fluid –scissor jack dampers, , International Journal of Civil Engineering &Technology , July 2017.
10. J.Premalatha, R.Shanthi Vengadeshwari, Abhijith B., , “Study on the behavior of multistoreyed steel framed building with steel plate shear walls under seismic forces”, International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017, pp . 361-370.
11. J.Premalatha, M.Palanisamy , R.Manju A study on seismic responses of reinforced concrete buildings with lateral force resisting systems, International Journal of Civil Engineering &Technology July 2017.
12. J.Premalatha, R.Shanthi Vengadeshwari, Srihari P., “Finite Element Modeling and Analysis of RC beams with GFRP and steel bars”, International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017, pp . 671-679.
13. R.Manju, J.Premalatha, R.Shanthi, “Flexural behaviour of self compacting concrete beams”, International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017, pp . 305-318.

14. J.Premalatha, R.Shanthi Vengadeshwari, Veerendra A. "Optimization of Transmission Tower using Genetic algorithm" , International Journal of Civil Engineering &Technology , Volume 8, Issue 9, September 2017,pp : 654-662.
15. B.Sakhimol, R.Manju, J.Premalatha , "An investigation on the effect of fillers on the Properties of Self Compacting Concrete (SCC)" , International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 19 (2015), pp 14334-14344.
16. R. Manju, Dr. J. Premalatha, Dr. K. Ramadevi, "Influence of Filler Materials (Limestone Powder and Marble Powder) on the Flexural Strength of Self Compacting Concrete (SCC) Beams, Experimental and Analytical Approaches", Vol. 6, No. 6, June 2016, pp. 1898-1907.
17. R. Manju, Dr. J. Premalatha, Dr. N. Ramsundram, Mr. M. Kathiravan , "Artificial Neural Network based prediction of Mechanical properties of Self Compacting Concrete (SCC)", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 11 No.3 (2016), pp 196-200.
18. Premalatha J., R.Manju , Ramakrishnan D., "Development of Mix Design procedure for self compacting concrete-State of the art", International Journal of Applied Engineering Research, ISSN 0973-4562,Volume 10, Number 19 (2015)
19. Sakhimol B., Manju R., Premalatha J., "An investigation on the effect of fillers on the Properties of Self Compacting concrete", International Journal of Applied Engineering Research, ISSN 0973-4562,Volume 10, Number 19 (2015)
20. M.Palanisamy, J.Premalatha, "Experimental study on diagonally loaded RCC frames with masonry infilled wall", Australian journal of basic and applied sciences, 7(11), Sept2013 Pages 148-152.
21. M.Palanisamy, J.Premalatha "Behaviour of 3D Reinforced concrete frame" Archives Des Sciences Journal, Volume 66, Issue2, Feb2013, Switzerland, Genva. Pp. 164-170
22. M.Palanisamy, J.Premalatha "Experimental study on Masonry infill material properties", International journal of Scientific & Engineering Research, Volume 3, Issue 7, July 2012. Page 1to 5 .
23. M.Palanisamy, J.Premalatha "Seismic response of Masonry infill wall in Multistoreyed RC buildings" , European Journal of Scientific Research, Vol. 93, No.4, December 2012. pp:525-532.
24. Premalatha J., R.Manju , Antlin Stella A., " Flexural behavior of self compacting concrete beams with silica fume and flyash using ANSYS", International Journal of Applied Engineering Research, ISSN 0973-4562,Volume 10, Number 19 (2015)
25. Manju R, Premalatha J., "Binary, Ternary and Quaternary Effect of Fillers on Fresh and Hardened Properties of Self Compacting Concrete (SCC)",International Journal of advanced information Science and Technology (IJAIST). ISSN: 2319:2682, Volume 21, January 2014,
26. Prasannan D, Premalatha J., Deepashri , Numerical model for rehabilitation of Reinforced concrete beam strengthened with ultra high strength concrete using ANSYS", International journal of Applied Engineering and Research ISSN 0973-4562
27. Prasannan D, Smitha Gopinath, Ramachandra murthy, Nagesh Iyer, Premalatha J., " Behaviour of singly reinforced concrete beams reinforced with steel and BFRP bars", International Journal of scientific and Engineering research, Volume 5, Issue 6, June 2014 , ISSN 2229-5518 page 73 "
28. Akilan K., Premalatha J. Experimental study on strength properties of concrete with partial replacement of aggregate with tyre waste, International journal of Applied Engineering and Research ISSN 0973-4562, Vol 10, No: 9 (2015) pp6543

29. Suresh krishnan, Premalatha J., “ Study on behavior of rectangular reinforced concrete beam with polypropylene reinforcement”, International journal of Applied Engineering and Research ISSN 0973-4562, Vol 10, No: 9 (2015) pp6521
30. Premalatha J., Sundara rajan R, “ Strength properties of high strength fibrous concrete”, Indian Concrete Journal , Vol 81, No.7, July 2007, Page No ; 37.
31. Premalatha J., Sundara rajan R, “Effect of steel fibres and longitudinal reinforcement in Effective moment of inertia of Reinforced high strength fibrous concrete beams” Indian Concrete Journal, vol 83, No 10, oct 2009, pp 13-17.

International Conference-Paper presented

1. Premalatha J., Tensing D., Sundararajan R., “ torsional behavior of embedded concrete beams”, International conference on Advances in concrete composites and structures, SERC, Chennai, January 6th - 8th 2005.
2. Premalatha J, Palanisamy M, Neelamegam P, “Comparative studies on Seismic performance of RC frame with Brick infill wall using software” International conference on “ Emerging Technologies in Civil Engg at KSR college of Technology.
3. Premalatha J, Govindaraj V. Experimental studies on fibre reinforced concrete”, “ International conference on Recent Trends in concrete Technology, Kumaraguru college of Technology, Coimbatore, sep’2003, pp 462-468.
4. Prasannan D, Premalatha J., Deepashri , “Numerical model for rehabilitation of Reinforced concrete beam strengthened with ultra high strength concrete using ANSYS”, Ist International conference on Advanced Engineering and Technology for sustainable development, March 5th&6th 2015 Vol-1 , Karpagam College of Engineering.
5. Akilan K., Premalatha J. Experimental study on strength properties of concrete with partial replacement of aggregate with tyre waste, International conference on Engineering technology and science Muthayammal college of Engineering, 5th and 6th March 2015, pp416-421.
6. Suresh krishnan, Premalatha J., “ Study on behavior of rectangular reinforced concrete beam with polypropylene reinforcement”, International conference on Engineering technology and science Muthayammal college of Engineering, 5th and 6th March 2015,
7. Premalatha J. Palanisamy , Neelamegam P “ Analytical study on Seismic responses of masonry infill wall in multistoreyed structures” , International conference on earthquake Analysis and design of structures EQADS2011, PSG college of technology, Coimbatore.
8. Prasannan D, Smitha Gopinath, Ramachandra murthy, Nagesh Iyer, Premalatha J, “Behaviour of singly reinforced concrete beams reinforced with steel and BFRP bars” , International conference on Emerging trends in science Engineering and Technology 18th April 2014, Jerusalem college of Engineering, Chennai.
9. Saradha, Premalatha J, “ Analytical study on structural insulated wall panel under compression”, IEEE 2nd International conference on Knowledge collaboration in Engineering at Krthir college of Engg, coimbatore, 17th march 2015 .
10. Keerthi kumar Premalatha J., “Analytical investigation on the behavior of precast light weight sandwich panel with vertical joints”, IEEE 2nd International conference on Knowledge collaboration in Engineering at Kathir College of Engg, Coimbatore, 17th march 2015 .

FDP/ STTP/ workshops/Programmes participated/organized

Sl.No	Date	Programme attended/ organized
1.	17 th to 19 th August 2017	organized the International conference on “Waste water management 2017” Kumaraguru College of Technology
2	27 th June to 3 rd July 2016	Participated in TEQUIPP sponsored FDP on nanomaterials in Technological Applications
3	6 th to 11 th Nov 2017	FDP on Stability of structures at IIT, Madras
4	16 th to 22 nd December 2015	Coordinator for the FDP on Structural analysis at KCT
3.	10 th & 12 th March 2016	Symposium on “Smart cities India -challenges and constraints” at Thiagarajar College of Engg, Madurai
4.	17 th to 24 th Dec 2014 (1 week)	Organized FDP on Solid mechanics at KCT
5.	05.03.2014 & 14.03.14 to 16.03.2014 (4 days)	Workshop on training of evaluators on Outcome based Accreditation” organised by NBA, at Bannari Amman Institute of Technology
6.	5 th & 6 th March 2015 (2 days)	International conference on Engineering technology and science Muthayammal college of Engineering
7.	15 th & 16 th April 2011	Workshop on Research methodologies at KCT.
8.	7 th -14 th July 2001 (7 days)	Quality Improvement programme organized at KCT
9.	10 th to 16 th May 2010 (7 days)	Staff Development programme sponsored by AICTE at Sengunthar Engineering College
10.	30 th July 2010	National seminar on Quality Assurance and Buildability Issues in Concrete structures, organized by Association of consulting civil engineers, Coimbatore centre.
11.	5 th to 11 th May 2008 (7 days)	STTP on Software Applications in Civil Engineering” at KCT.
12.	4 th to 15 th May 2009 (2 weeks)	SDP on Design of steel structures “ sponsored by AICTE, at Kongu Engineering College
13.	22 nd to 26 th Nov 2004 (1 week)	Short term Training programme on Environmental Impact Assessment”, sponsored by AICTE, at KCT.
14.	3 rd October 2002	One day workshop on Clean Technologies for Industries, KCT
15.	6 th to 8 th , 2005	International conference on Advances in concrete composites a, SERC, Chennai
16.	16 th & 17 th April 2004	Workshop on Design of Earthquake resistant structures, KCT.
17.	19 th & 20 th Feb 2004	Workshop on use of construction chemicals and techniques for rehabilitation works, at Institute of Road and Transport Technology, Erode.
18.	4 th & 5 th Oct 2002	Rain water harvesting awareness programme at KCT
19.	15 th to 28 th Nov 1999	STTP on Design of High rise structures sponsored by AICTE at CIT, Coimbatore.
20.	21 st to 22 nd Dec 2001	National workshop on “ Advances in Structural Engineering “ at Sri Venkateswara university.
21.	23 ^d Feb 1996	Seminar on Recent Advances in concrete composites

		at Karunya Institute of Technology.
22.	7 th August 2002	Workshop on Role of chemical Admixtures in Concrete construction , at KCT.
23.	8 th to 10 th jan 1993	STP on Induction training for Teachers”, at RVS college, Dindigul
24	May 31 st – June13 2010 (2 weeks)	SDP on Modern Concrete and concreting methods at Easa College of Engineering and Technology, Coimbatore.
25	Feb19 the to 21 st Feb 2014 (3 Days)	Advanced course on Seismic response control and damage mitigation methodologies for buildings and structures , CSIR SERC, Chennai.
26	23 rd 24 th April 2003	Workshop on soft computing , Kongu Engineering College, Perundurai.
27	19 th & 20 th April 2001	Training course on Internal Quality Audit by Zanding TQM solutions Pvt.Ltd, bangalore