

## Faculty Profile

1. Name : Pradeep T
2. Designation : Assistant Professor
3. Date of Joining : 01.06.2015
4. Nature of Association : Regular
5. E mail : tpradeep1125@gmail.com
6. Mobile no. : +91 8344356915



### 7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
M.E (Structural Engineering)	K.S.Rangasamy College of Technology, Tiruchengode, Namakkal, India.	2015	8.25/10 (CGPA)	First
B.E. (Civil)	Kongu Engineering College Perundurai, Erode, India.	2012	7.44	First
Diploma (Civil)	Kongu Polytechnic College, Perundurai, Erode, India.	2009	82.42%	First class with Honors
S.S.L.C.	Veveaham Higher Secondary School, Dharapuram, India.	2006	57.2%	First

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### 8. Teaching Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.06.2015 to till-date.
- **Pro-term Lecturer**, K.S.Rangasamy College of Technology, Tiruchengode, from 18.06.2014 to 31.05.2015.
- **Lecturer**, Dhanalakshmi Srinivasan Engineering College, Perambalur, from 21.06.2012 to 17.05.2013.

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### 9. Projects

#### Under Graduate

- **Title:** "Durability properties on Concrete by using Rice Mill Effluent"

#### Post Graduate

- **Title:** "Investigation on effect of lateral bracing on resistance of intermediate thin-walled open Columns"

### 10. Publications

### International Journals

1. P. Manikandan & T. Pradeep., (2018), “Effective Cross Section of Cold Formed Steel Column Under Axial Compression”, **Journal of The Institution of Engineers (India): Series A– Springer**. Volume 99, [Issue 2](#), pp 245–255.
2. P. Manikandan, T. Pradeep & N. Arun., (2017), “Effect of Lateral Bracing on Resistance of Intermediate Thin-Walled Open Column”, **Arabian Journal for Science and Engineering – Springer**, Volume 42, Issue 3, pp 1243–1250.
3. Pradeep T and Karthika R., (2015), “Numerical investigation of cold formed steel rigid connected elements of stiffened I-section under axial compression”, **International Journal of Applied Engineering Research**, Vol.10, No 93, pp. 104-109.
4. Pradeep T and Arun N., (2015), “Numerical Optimization of Cold Formed Closed Built-up Steel Column”, **International Journal of Innovative Research in Science, Engineering and Technology**, Vol.04, Issue-02, pp. 139-143.
5. Pradeep T and Mageshkumar P., (2015), “Study on Durability Properties of Concrete Prepared by using Rice Mill Effluent”, **International Journal of Engineering Research and Management**, Vol.02, Issue-02, pp. 127-132.

### International Conferences

1. Presented a Paper entitled “**Flexural behaviour of glass fibre reinforced polymer laminated steel bar in RC beam**” in the International Conference on Sustainable Practices in Civil Engineering (SPICE 2017) organized by Civil Engineering, KPR Institute Engineering Technology, Coimbatore on 10<sup>th</sup> and 11<sup>th</sup> April 2017.
2. Presented a Paper entitled “**Numerical investigation of cold formed steel rigid connected elements of stiffened I-section under axial compression**” in the International Conference on Sustainable Materials Design and Applications (ICSMDA 2016) held during 18<sup>th</sup> and 19<sup>th</sup> March 2016 at Kongu Engineering College Perundurai .
3. Presented a Paper entitled “**Numerical Investigation of Light Gauge Steel closed Compression Member**” in the National Conference on “Recent Trends in Cement and Concrete Composites for Structural Systems” at N.S.N College of engineering and Technology, karur held on April 24<sup>th</sup> 2015.

### 11. Training Programmes

- Five day Short Term course on “Structural Engineering for Fire Induced loads” under the Quality improvement Programme of AICTE, New Delhi conducted during 04-02-2019 to 08-02-2019 at the Centre for Continuing Education, Indian Institute of Science, Bengaluru.
- Three days Faculty Development Programme at Teaching Learning Centre, Indian Institute of Technology Madras from November 27<sup>th</sup> to 29<sup>th</sup>, 2018.

- Five days Short Term course on “Finite Element Methods and Applications in Civil Engineering” under the Quality improvement Programme of AICTE, New Delhi conducted during 26<sup>th</sup> to 30<sup>th</sup> June 2017 at the Indian Institute of Technology Bombay, Mumbai.
- Five day Short Term course on “Solid Mechanics” under the Quality improvement Programme of AICTE, New Delhi conducted during 1<sup>st</sup> to 5<sup>th</sup> May 2017 at the Centre for Continuing Education, Indian Institute of Science, Bengaluru.
- One week MHRD and TEQIP sponsored training programme on “Finite Element Method and Its Application in Structural Engineering and Hydraulics” during July 4<sup>th</sup> to 10<sup>th</sup>, 2016 organized by the Department of Civil Engineering, National Institute of Technology Calicut.
- Two week ISTE STTP on “Introduction to Structural Engineering” conducted by Indian Institute of Technology Kharagpur from 30<sup>th</sup> November, 2015 to 9<sup>th</sup> January, 2016.
- Five day Short Term Training Programme on “Highway Design & Safety” organized by Center for Transportation Research, Department of Civil Engineering, National Institute of Technology Calicut during 30<sup>th</sup> November to 4<sup>th</sup> December, 2015.
- International Workshop on “Structural Life Assessment and Failure Diagnosis” at National Institute of Technology, Tiruchirappalli, during December 6<sup>th</sup> and 7<sup>th</sup>, 2013.
- One Day National Workshop on “Structural Design Concepts and Practices” held on 30<sup>th</sup> September 2013 at Anna University, Regional Centre Coimbatore.
- One day Conference on “Future Trend in Construction Industries” organized by Confederation of Indian Industry (CII), Erode on 21st November 2016 at URC campus, Erode.
- One day CSIR sponsored seminar on “Sustainable Solid Waste Management Technologies For Clean India (NSSWMT - 17)” on 23<sup>rd</sup> June 2017 organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- One week Anna University sponsored training programme on “Design of RC Elements” during June 2<sup>nd</sup> to 8<sup>th</sup>, 2016 organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode.
- National Workshop on “smart renewable energy technologies: opportunities and challenges” held on 28<sup>th</sup> august 2015 at K.S.Rangasamy College of Technology, Tiruchengode.
- National conference on “Roll of Biotechnology tools and techniques in Wastewater Management” held on 3<sup>rd</sup> and 4<sup>th</sup> at K.S.Rangasamy College of Technology, Tiruchengode.
- One Day seminar on “Importance of Geotechnical Investigation in Construction Industry and Emerging Trend in Civil Engineering” held on 20<sup>th</sup> April 2014 at EBET Engineering college, Nathakadaiyur, Tirupur
- One day National Workshop on “Renewable Energy Sources: Indian Scenario (NWRES-14)” at Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 22.08.2013(Sponsored by CSIR).
- Training Programme on “Vermicomposting of Agro Refuse and Solid Waste Management” conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai from 22.04.2010 to 24.04.2010.
- Vibro Compaction Technique in Kumaraguru Collage of Technology, Coimbatore, on the 7<sup>th</sup> October 2010.

- Mega Structure in Intern Department function held on September 22, 2010 at Kongu Engineering College, Perundurai.

## 12. Invited Lecture Delivered

- Delivered on invited lecture on the topic of “**Structural Engineering**” at Sasurie College of Engineering, Vijayamangalam, Tirupur on June 5<sup>th</sup>, 2015.

## 13. Membership in Professional Bodies

- **FellowMember (Life Member)**, Indian Society of systems for Science and Engineering - LM05407

## 14. PersonalDetails

<b>Father's name</b>	:K.Thangavel
<b>Date of Birth</b>	: 06/01/1991
Gender	:Male
Marital Status	: Married
Permanent Address	:Paramasivapuram,Modakkurichi (Post), Erode – 638104, Tamil Nadu, India.