

Curriculum Vitae

Abirami Krishna A

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Educational Qualification

- Doctoral Student, Indian Institute of Technology Madras Jul'18- Present
- Master of Engineering , College of Engineering Guindy, Anna University (CGPA **9.1**) Sep'13- Jun'15
- Bachelor of Engineering ,Thiagarajar College of Engineering, Anna University (CGPA **8.69**) Aug'09- May'13

Professional Experience

- Project Officer ,Indian Institute of Technology, Madras Dec'17 – Jun'18
- Assistant professor , Saveetha Engineering College, Chennai Jun'15 to Nov'16

Journal Publications

Abirami Krishna A & Dr.Umadevi G (2015) *Estimation of holding capacity – A systems approach* , International Journal of Emerging technology and advanced engineering, Volume 5 , Issue 6 , June 2015

Conference Presentations/Publications

- Abirami Krishna A, Devi Priyadarisini K & Dr.Umadevi G (2015), *Simulation Modeling of sustainable infrastructures development in Peri urban areas- A case study of Chennai*: Proceedings of International Conference on Infrastructure Development for Environmental Conservation and Sustenance (INDECS-15) , ACE, Hosur, Tamilnadu, INDIA, 28-30 October 2015.
- Abirami Krishna A, Devi Priyadarisini K & Dr.Umadevi G (2015), *Micro modeling of LUT interaction with other infrastructures*: Proceedings of 2nd Conference on Transportation Systems Engineering and Management, NIT Tiruchirappalli, India, May 1-2, 2015.
- Gayathri S & Abirami Krishna A (2015), *Sustainable Transportation Planning with Energy as an iconic tool*: Proceedings of 5th National Conference on Recent Trends in "Chemical, Energy and Environmental Engineering", SSN College of Engineering, Chennai,India, 12h February 2015.
- Abirami Krishna A & Dr.Umadevi G (2015), *Estimation of holding capacity- A systems approach*: Proceedings of National conference on QUEST for advancements in Civil Engineering, SRM University, Chennai, India, 19-20 March 2015.
- Abirami Krishna A & Dr.Umadevi G (2014), *Sustainable transportation and other infrastructures development in Peri urban areas of Chennai*: Proceedings of Colloquium on Transportation Systems Engineering and Management CTR, CED, NIT Calicut, India, May 12-13, 2014.
- Abirami Krishna A & Dr.Umadevi G (2014), *Sustainable infrastructure planning for optimization of density through system dynamics simulation*: Proceedings of National Conference on Latest Advancement in Civil Engineering (LACE-2015), R.M.K Engineering College, Chennai, India, April 20, 2015
- Abirami Krishna A & Dr.Umadevi G (2014), *Application of System dynamics simulation modeling in Peri urban areas of Chennai*: Proceedings of National conference on Advances in Mechanical Sciences AIMS 2014, C Abdul Hakeem College of Engineering and Technology, Vellore, India, March 12,2014
- Abirami Krishna A ,Abilash J R, Hariharapriyan J, .Ragumathulla M & Suraj Kumar R (2016), *Estimation of level of service for traffic growth projection through simulation modeling*: Proceedings of National conference on Recent advances in Civil Engineering St.Peters University, Chennai, India, March 18,2016

In-Plant Training Experience

Performed a **study on accidents due to trespassing** in Chennai suburban railway for Government railway police.

Media Publications

1. Recommendations of the study on Accidents due to trespassing in Chennai suburban railways got published in **THE TIMES OF INDIA** (Nov'14) and **THE HINDU** (Jun'14).
2. Findings of the Study on accidents due to trespassing were broadcasted in **BBC, London**.

Achievements and Awards

1. Silver medal for securing highest score in the academic year 2012-2013
2. Best Paper Award in National Conference on Quest for Advancements in Civil Engineering at SRM University, Chennai.
3. Best Oral Presentation Award at National Conference on Recent trends in Chemical, Energy and Environmental Engineering at SSN College of Engineering, Chennai.
4. First prize in the event Anveshanam in PRAGYAN 2012 organized by National Institute of Technology, Trichy
5. Second prize in TECH TIMES technical journal's April 2014 issue.
6. Best Paper Award in Sri V.C.A Padmanabhan Memorial Lecture organized by Alumni Association of College of Engineering, Guindy.