

Name: **Suresh Praveen Kumar. P**

Designation: **Assistant Professor**

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Degrees obtained:

Degree	University	Field of Specialization
<b>Ph.D (Pursuing)</b>	<b>J N T U A, Ananthapur</b>	<b>Geo-Technical Engineering</b>
<b>M. Tech</b>	<b>N I T K, Surathkal, Karnataka</b>	<b>Geo-Technical Engineering</b>
<b>B. Tech</b>	<b>J N T U H, Hyderabad</b>	<b>Civil Engineering</b>
<b>D C E</b>	<b>S B T E &amp; T, Hyderabad</b>	<b>Civil Engineering</b>

Years of Experience: **Industry: 02 Yeras**

**Teaching: 08 Years**

Membership in Professional Bodies: **MISTE, MNICEE**

#### **Research Papers Published:**

S Sandhya Rani and **P Suresh Praveen Kumar** “A Study of Behaviour on Stone

Column in Homogenous Soil” in International Journal of Science and Research (IJSR), Issue. 11, Vol. 5, pp. 1215 - 1219, November – 2016.

S Haneefa Jamal and **P Suresh Praveen Kumar** “An Experimental Study on Renolith Treated Black Cotton Soil for Subgrade Pavements” in International Journal of Science and Research (IJSR), Issue. 11, Vol. 5, pp. 1240 - 1244, November – 2016.

Dr. V. Giridhar, Prof. H. Sudarsana Rao and **P. Suresh Praveen Kumar** “Influence of Ceramic Waste Aggregate Properties on Strength of Ceramic Waste Aggregate Concrete” in international Conference organized by Dept. of Civil Engineering, Osmania University College of Engineering, Hyderabad on 12<sup>th</sup> – 14<sup>th</sup> of December, 2015, Vol. 4, Issue. 13, pp. 15 – 24.

**Suresh Praveen Kumar. P**, Rajendra Kumar. P and Dr. Giridhar. V “Seismic Base Isolation with Geo-Synthetic Liners – Current Research” in International Journal of Emerging Trends in Engineering and Development (IJETED), Issue. 5, Vol. 5, pp. 18 - 32, August – September – 2015.

V. Giridhar, **P. Suresh Praveen Kumar** and M.C. Venkatasubbaiah “Experimental Studies on Clay, Bentonite and Leachate mixtures as liner materials” in International Journal of Innovative Research in Advanced Engineering (IJIRAE), Issue. 1, Vol.2, pp. 274 – 280, January 2015.

Giridhar. V, Prathap Kumar. N and **Suresh Praveen Kumar. P** “Strength Characteristics of Air Entrained Concrete” in International Journal of Engineering and Science (IJES), Issue. 9, Vol. 2, pp. 7 – 14, 2013.

**P. Suresh Praveen Kumar** and K. Rajasekhar “Laboratory Investigation of Shedi Soil Stabilized with Pond Ash and Coir”, Proceedings of the Indian Geotechnical Conference 2010, Geotechnics in Infrastructure Development (GEOTIDE), RVR & JC, Guntur, Vol. 1, pp. 428 – 430.

### **Conferences Attended:**

Attended Three Days Indian Geo-Technical Conference on “Geo-Techniques for Inclusive Development of India 2014 (GEOIND)”, on 18<sup>th</sup> to 20<sup>th</sup> of December, 2014 at JNTUK College of Engineering, Kakinada.

### **Workshops Conducted & Attended:**

Attended a Seminar on OPTUM G2 Geo-Technical Engineering Software in Chennai on 30<sup>th</sup> December, 2015.

Conducted One Day Workshop on Concrete Mix Design on 23<sup>rd</sup> January, 2013 in KSRM College of Engineering, Kadapa.

Attended One Day National level workshop on “Role of Geo-Technical Engineering in Infrastructural Development” on 7<sup>th</sup> of January, 2011 at G. Pulla Reddy Engineering College, Kurnool.

Attended One Day National level workshop on “Teaching Methodologies in Engineering Education”, in KLMCEW, Kadapa in the month of March 27, 2010.

### **Seminars Presented:**

Determination of hydrostatic pressure in soil layers.

Determination of coefficient of earth pressure in retaining walls.

Determination of moisture content and density of pavements using nuclear densitometer.

Compaction of soils to achieve maximum dry density.

Soil stabilization using lime.

Soil stabilization using cement and lime.

Ground improvement techniques by Geosynthetics applications.

Use of geosynthetics in geotechnical engineering.

Soil stabilization using fly ash.

Ground improvement techniques using geosynthetics.

Theory of reinforced earth and its application to walls and slopes.

Determination of optimum concentration of lime slurry for soil stabilization.

Reinforced earth – an overview