

## ORGANIZING COMMITTEE

### **Chairman**

**Dr R Rudramoorthy**

Principal  
PSG College of Technology

### **Convenor**

**Dr G Sankarasubramanian**

Professor & Head  
Department of Civil Engineering  
PSG College of Technology

### **Organizing Secretary**

**Mr S Praveenkumar**

Assistant Professor (Sr. Gr.)  
Department of Civil Engineering  
PSG College of Technology

## REGISTRATION DETAILS

### **Important Dates to Remember:**

Last date for registration : 30-07-2018

Intimation date (thro website) : 03-08-2018

### **How to apply?**

Registration for the Seminar can be made by sending the duly filled registration form along with Demand Draft drawn in favor of "PSG CNCE" payable at Coimbatore

The participants should send their registration form in the specified format to reach us on or before 30<sup>th</sup> July 2018

<b>Students (UG/PG)</b>	<b>Rs 500/-</b>
<b>Faculty / Research Scholar</b>	<b>Rs 750/-</b>
<b>Industry Participants</b>	<b>Rs 1000/-</b>

The registration fee includes cost towards course material, lunch, and refreshment.

*The fee paid will not be refunded under any circumstances for the selected participant.*

### **Registration**

Limited to 60 participants on first-come-first served basis.

## ABOUT THE SEMINAR

Fast technological advancement and growing environmental concerns are the drivers to the changes in construction industry and bring a new set of challenges. Traditional practices are now questioned and all stakeholders have to deal with a new set of regulations due to the more stringent requirements addressing the issues. Sustainability had considerable impact on the construction industry through energy and environmental requirements which were required for impressive technological developments resulting in energy savings. In order to meet the comprehensive challenges of sustainability there is a need to adopt construction practices with materials used. The construction industry is growing with major trust on infrastructure and the demand for sand is also increasing. The overuse of river sand for construction has many undesirable environmental and social consequences. Sand has evolved through time to cope with changes by adopting new technologies. The construction materials industry is a major user of the natural resources. While enormous progress has been made towards sustainability, the scope and opportunities for further improvements are significant.

This seminar focuses on new trends and Industrial applications of sand. It will provide a forum for practicing engineers, research scholars, government officials, faculty and students to discuss the latest advancement, technical knowledge, continuing research and solutions for sustainable concrete manufacturing with alternative for river sand and construction from several perspectives. This seminar will also offer learning and networking opportunities for industry people.

The main aim of this national level seminar is to promote the sustainable usage of alternative materials for sand.

### EXPECTED PARTICIPANTS

- Practicing engineers
- Government officials
- Research scholars
- Faculty working in Engineering/Polytechnic colleges
- UG/PG Engineering Students

**PSG College of Technology  
Coimbatore-641004**



**TEQIP III Sponsored National Seminar**

**on**

**Alternatives for River sand-Sustainable approach**

**10<sup>th</sup> August 2018**



**Organized by**



**Department of Civil Engineering  
PSG College of Technology  
Peelamedu, Coimbatore-641004**

## RESOURCE PERSONS

**Er Jayasankar K**  
**Vice President (Technical)**  
UltraTech Cement Limited  
Chennai

**Dr Ambily P S**  
**Senior scientist**  
Advanced Materials Laboratory  
CSIR-Structural Engineering Research centre  
Chennai



0.5-1" River Gravel

2-5mm Fine Gravel

3-6mm Fine Gravel

5-20mm Angular Gravel

20-30mm Filtration Gravel

Coarse Natural Sand  
(8-16 Mesh)

1-3mm Natural Sand

For more details log on to  
[www.psgtech.edu](http://www.psgtech.edu)

The duly filled Registration form is to be sent to:

**Mr S Praveenkumar**

Assistant Professor (Sr. Gr.)  
Department of Civil Engineering  
PSG College of Technology  
Coimbatore - 641 004  
Mobile: 9894861585  
E-mail: [spk.civil@psgtech.ac.in](mailto:spk.civil@psgtech.ac.in)

## ABOUT THE COLLEGE

PSG College of Technology, established in 1951, is one of the many educational institutions nurtured by PSG & Sons' Charities Trust. The college is Government-Aided, Autonomous, ISO 9001 2008 certified and affiliated to Anna University. Equipped with latest facilities and excellent infrastructures, the college offers a total of 48 full-time and part-time programmes in Science, Engineering and Management at UG & PG levels. The institution has a strong alumni base, most of them occupying coveted positions in many educational, industrial and research organizations all over the world. Currently more than 520 research scholars, both full-time and part-time, are working for their Ph.D. degree. The College has developed 25 Centres of Excellence in various disciplines. More research facilities have been created in tie-up with numerous leading industries worldwide.

## ABOUT THE DEPARTMENT

The Department offers one undergraduate programme in Civil engineering and post graduate programmes in Structural Engineering and Infrastructure Engineering. The department has conducted many international conferences and national conferences and several short-term refresher courses, AICTE sponsored summer / winter schools besides consultancy work. International Conference EQADS 2011 on Earthquake Analysis & Design of Structures and SCACT 2012 on Sustainability Challenges and Advances in Concrete Technology have been organized. The department has expert faculty and excellent computational and experimental facilities. Several PhD degrees have been awarded and currently 15 students are pursuing their research work in the department. Many sponsored research projects have also been completed. The department has received laboratory enhancement grant and library grant under National Programme on Earthquake Engineering Education (NPEEE).

DEPARTMENT OF CIVIL ENGINEERING  
PSG COLLEGE OF TECHNOLOGY  
COIMBATORE – 641 004

TEQIP-III Sponsored National Seminar  
on  
“Alternatives for River sand-Sustainable approach”  
10<sup>th</sup> August 2018

## REGISTRATION FORM

Name (in Block Letters): .....

Date of birth & Age: .....

Gender : .....

Category : OC/BC/BCM/MBC/DNC/SC/ST

Qualification : .....

Experience (if any) : .....

Designation & Dept. : .....

Organization : .....

Address for : .....

Communication:

Office No. : ..... Mob No. : .....

Email Id: .....

Demand Draft No. & Bank: .....

Amount in Rs.  
: .....

## **DECLARATION BY THE CANDIDATE**

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place:

Date:

Signature of the participant