

A National Seminar on
“Graphene –
Nanotechnology in Civil Engineering”
29th & 30th March 2019

REGISTRATION FORM

Name :

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Organization :

Mobile :

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Payment details

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Bank :

Amount : Date:

Signature of the Participant

Signature of the Head of the Institute with Seal

ORGANIZING COMMITTEE

CHIEF PATRONS:

Col. Prof. Vel Dr. R. Rangarajan
Founder Chancellor & President

Dr. Sagunthala Rangarajan
Foundress President

PATRON:

Prof. V.S.S. Kumar
Vice Chancellor (Officiating)

ADVISORS:

Prof. Dr. techn. Koteswara Rao Anne
Director Academics

Prof. Dr. A. Abudhahir
Director Quality Assurance

Prof. Dr. P. Sarasu
Director Industry Relations and R & D

Prof. Dr. E. Kannan
Registrar

Prof. Dr. A. T. Ravichandran
Dean, School of Mechanical and Construction

CONVENOR:

Prof. Dr. E. B. Perumal Pillai
Director - HRDC

CO-CONVENOR

Dr. S. Suppiah
Professor - Department of Civil Engineering

COORDINATORS:

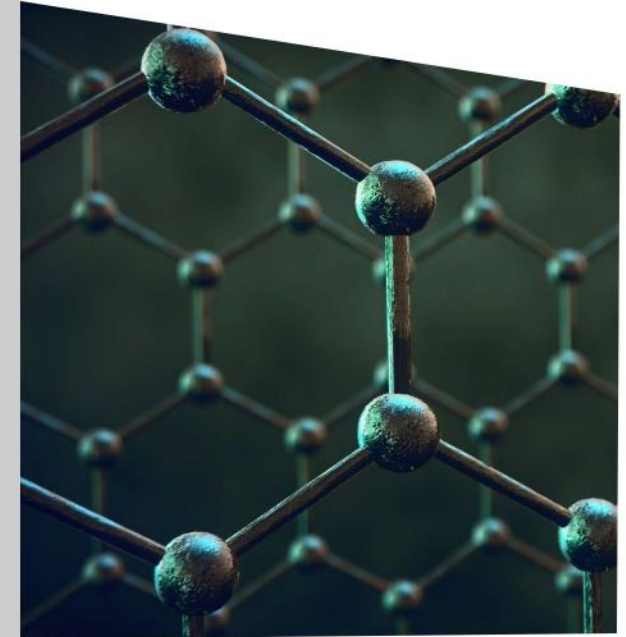
Mr. R. Veerakumar
Asst. Prof - Department of Civil Engineering

Mr. R. Robert Singh
Asst. Prof - Department of Civil Engineering



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



A National Seminar on
**“Graphene – Nanotechnology
in Civil Engineering”**

29th & 30th March 2019

Organized by

**DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF MECHANICAL AND CONSTRUCTION**

**Venue: M.G Auditorium,
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science
and Technology,**

No.42, Avadi-Vel Tech Road,
Avadi, Chennai – 600 062, Tamil Nadu, India.

www.veltech.edu.in

ABOUT THE INSTITUTE

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology offers programmes in Engineering, Management, Media and Law. The Institution has made distinctive progress since the founding in 1997, by adopting the unique and trending educational methodologies. Vel Tech is the first institution in India to adopt Conceive-Design-Implement-Operate (CDIO). CDIO is a worldwide framework which aims to produce the next generation engineers. Vel Tech has been ranked as 1st in India and 74th in the world by Times Higher Education World Young University Ranking 2016-2017 and 43rd in Asia by Times Higher Education Asia University Ranking 2017. The TBI (Technology Business Incubator) of Vel Tech is recognized as the Center of Excellence under NIDHI by the Government of India.

ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 2009 with an aim of promoting high quality education. The department currently offers B.Tech. Programme in Civil Engineering (collaborated with National Ilan University, Taiwan), and M.Tech. Programmes in Structural Engineering, Construction Engineering and Management, Environmental Engineering and Geotechnical Engineering. The department also offers Ph.D. programmes in all areas. The department is accredited for 3 years by National Bureau of Accreditation. The department has well experienced faculty members with Ph.D. and also members in various professional societies. The department is involved in consultancy projects with DRDO, All India Radio, and Public & Private entrepreneurs.

ABOUT THE SEMINAR

Graphene is a one-atom-thick layer of carbon atoms arranged in a hexagonal lattice. It is the building-block of Graphite (which is used, among other things, in pencil tips), but graphene is a remarkable substance on its own with a multitude of astonishing properties, which repeatedly earns the title “wonder material”. It has a large specific surface area, and possesses high Young’s modulus, high thermal conductivity and excellent electrical conductivity. These properties make graphene one of the most prominent nanomaterial for applications in concrete. Graphene Oxide increases the substance strength with concrete and subsequently improves the appearance and environmental performance which is the need of the day.

SEMINAR CONTENT

- Trends in Graphene research
- Synthesis of Cement-Based Adhesive using Graphene.
- Effect of graphene on cement mortars
- Applications of Graphene in concrete composites.

RESOURCE PERSONS

Dr. P. Veeramani
Chief Scientist (Retired),
CSIR- Central Electro Chemical Research Institute,
Karaikudi, Tamil Nadu.

Dr. T. Theivasanthi
Research Faculty,
International Research Center,
Kalasalingam Academy of Research and Education,
Krishnankoil, Tamil Nadu.

Dr. Barun Das
Scientist - R & D,
Cookson India Pvt Ltd,
Bangalore, Karnataka.

REGISTRATION DETAILS

- Registration fee includes registration kit, participation certificate, lunch and refreshments.
- Accommodation, on prior request, can be arranged at Vel Tech Hostel (Limited Nos.) on payment basis.
- Registration fee shall be paid by Demand Draft drawn in favour of “Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai” payable at Chennai.
- The Registration form shall be sent to the coordinator through e-mail on or before 21st March, 2019.
- Confirmation will be sent on 22nd March, 2019 through e-mail.
- On spot Registration is allowed only with prior intimation

Delegates	Early Bird Registration (INR)	Spot Registration (INR)
Industry / R&D	1000	1200
Faculty	750	850
Research Scholars	600	700
Students	500	600

The Coordinator,
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