

## About the College

Rajiv Gandhi College of Engineering is the first college in South India to offer Petroleum Engineering as a degree course. The college is affiliated to Anna University, Chennai. The college is situated in Sriperumbudur, about 30km from city. The Department of Petroleum Engineering was started in the year 2005. It is an active and the biggest chapter under Society of Petroleum Engineers (SPE) Intl.

## About the Conference

Unconventional HC resources are hydrocarbon reservoirs that do not have conventional geological structures and so are difficult to produce. The term "unconventional" implies those resources which are challenging to develop. Often enhanced recovery techniques, such as fracture stimulation or steam injection etc., must be performed, making it more difficult than a conventional play. The potential in India for harnessing the energy from Unconventional HC resources is high.

The need for development of unconventional HC resources is on demand as most of the present day R&D centres focus on economically feasible techniques for the extraction of Oil & Gas from these resources. Unconventional hydrocarbons can play a big role in securing India's energy security.

The conference discuss in detail about the leveraging technologies India need to adopt in the areas of Shale Gas, HPHT Wells, Coal Bed Methane, Methane Gas Hydrates, Heavy Oil, Basin centered gas, Bitumen, etc. The two day event will be hosting a series of Lectures delivered by prominent Industrial and Academic Professionals, along with Paper/Poster Presentation, and Quiz competition.

The National Conference (5 - 6 March 2015) is the first in the series. The target audience is aspiring students, research scholars, academicians, industrial professionals, and practising engineers. The deliberations in the conference will help them boost their knowledge. Experts from the industry will have detailed interactions with them. The conference is mutually organized by SPE RGCE Student Chapter and Department of Petroleum Engineering, RGCE, supported by SPE Chennai Section, SPG and APG India. The key feature of the conference is the plenary talks delivered by experienced dignitaries in the areas of unconventional HC resources. Apart from this sight - seeing for the participants are arranged on the concluding day.

## First National Conference on Unconventional Hydrocarbon Resources 2015 (NCUHR - 15)



Rajiv Gandhi College of Engineering  
SPE Student Chapter



## CALL FOR PAPERS

5<sup>th</sup> - 6<sup>th</sup> March 2015

### Organized by

**SPE RGCE Student Chapter and  
Department of Petroleum Engineering,  
Rajiv Gandhi College of Engineering,  
Chennai, TN - 602105, India**

### With the support of



SPE Chennai Section  
[www.spechennaisection.org](http://www.spechennaisection.org)



SPG, India  
[www.spgindia.org](http://www.spgindia.org)



APG, India  
[www.apgindia.org](http://www.apgindia.org)

## Call for Papers

### Guidelines

Technical and poster presentations for the conference will be selected from paper proposals submitted to the conference programme. The deadline for abstract submission is 31 January 2015. Authors are advised to submit original work electronically at [papers.ncuhr15@gmail.com](mailto:papers.ncuhr15@gmail.com)

### Abstract Content

The abstract should be in A4 size with Times New Roman font of size - 12 pts. Written in English and containing 300 words, paper proposals should contain description, application, results, conclusions and applications. Authors should submit the full paper (8 - 10) pages upon the acceptance of abstract. Maximum of three authors are allowed per paper, out of which one has to register.

### Conference Theme:

**Leveraging Technologies: Future of Unconventional  
Hydrocarbon Resources in India**

Submit your proposal on any of the below mentioned topics:

1. Oil Development: Shale Oil, Heavy Oil, Tight Oil, Transition Zones
  2. Exploration and Exploitation of HPHT Reservoirs
  3. Reservoir Modelling in Unconventional HC Resources
  4. Development of CBM in India : Case Study
  5. Development of Basin Centered Gas Fields
  6. Hydraulic Fracturing in Shale Gas Reservoirs
  7. Exploration and Production in Natural Gas Hydrates
  8. Advances in Well Stimulation
  9. Horizontal Drilling Technology
  10. Advances in Deep Water Drilling Technology
  11. Directional Drilling technology
  12. Drilling Fluids and Cementing Technology for Unconventional Reservoir Exploration
  13. Well Design, Drilling and Completion Challenges
  14. Reservoir Characterization for Shale Gas and Tight Gas Reservoirs
  15. Geological Modelling for HTHP, Tight Gas and Shale Gas Reservoirs
  16. Formation Evaluation and Petrophysics
  17. HSE issues in CBM and Shale Gas Exploration
  18. Risk Assessment and Safety Management
  19. Asset Integrity and HSE Management
  20. Environmental Impact Assessment and Management
  21. New Approaches in Occupational Health Management
- .....and other topics related to Petroleum Industry.

## Venue

The conference venue is Seminar Hall, Rajiv Gandhi College of Engineering, Sriperumbudur, Chennai.

## Registration

Details about registration fees are furnished in the tail end. SPE, Petrotech, APG and SPG members are liable to avail 10% discount. Participants and non - participants have to register by filling the form attached. Post the form to Mr Naga Ramesh,

Department of Petroleum Engineering  
Rajiv Gandhi College of Engineering, Sriperumbudur,  
TN - 602105 or email to:

[rgce.ncuhr15@gmail.com](mailto:rgce.ncuhr15@gmail.com)

## Dates to remember

Abstract submission deadline : 31 January 2015  
Acceptance intimation : 07 February 2015  
Submission of full paper : 24 February 2015  
Final announcement : 01 March 2015

## Prizes and Awards

The selected papers will be published in a leading Petroleum Journal. The Best two papers/posters will be awarded each. The Best two teams in Quiz competition will be awarded with cash prizes.

## Chief Patrons

Rev. Dr. Kurien Thomas

*Chairman, GRES*

Mrs. Annamma John

*General Secretary, GRES*

Mr. Jose Mathew

*Joint Secretary, GRES*

## Programme Chairs:

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*Principal, RGCE*

Lt.Col. Jitendra Prasad

*Dean & HOD, RGCE*

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*ED - Asset Manager, ONGC, Karaikal*

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*Geo Data Analyst, Conoco Phillips, UK*

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*Dean & HOD, AMET University, Chennai*

Dr S Chandrasekaran

*Professor, IIT Madras*

Dr Jitendra Sangwai

*Associate Professor, IIT Madras*

Dr Abdus Samad,

*Assistant Professor, IIT Madras*

Mr T K Sengupta

*ONGC, Chennai*

Dr B G Goswami

*GM - RGL, ONGC, Chennai*

Dr Anand Ramadass

*Senior Scientist, NIOT, Chennai*

Dr T Kumar

*Director, NIT - Durgapur*

## Convenor

Mr Arafat Osman

*Chapter President*

## Organizing Committee

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*Assistant Professor, RGCE*

Mr Naga Ramesh,

*Assistant Professor, RGCE*

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*Assistant Professor, RGCE*

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Mr Abdul Samad - *Transport*

Email: [samadmasaf89@gmail.com](mailto:samadmasaf89@gmail.com)

## NCUHR - 2015

### Registration Form

First Name: .....

Last Name: .....

Designation: .....

Company/Organization: .....

Tel: .....

Mobile: .....

Email: .....

SPE Member No (if applicable):.....

Mailing Address: .....

City:.....

Postcode:.....

#### Paper/Poster details:

Paper : .....

Poster : .....

#### Registration Fees\*\* (tick which ever is applicable):

##### SPE, SPG, APG, Petrotech - Members

Author : ₹ 810

Student : ₹ 900

Other Delegate : ₹ 1080

##### Others

Author : ₹ 900

Student : ₹ 1000

Other Delegate : ₹ 1200

\*\* - Registration fees include breakfast, high tea and lunch.

#### Bank Details:

Bank : Canara Bank - Sriperumbudur

Account Name : SPE RGCE Student Chapter

Account Number : 2926101005080

IFSC Code : CNRB0002926

Kindly return the tear off portion to:

Mr Ramesh, Dept. of Petroleum Engg, Rajiv Gandhi

College of Engg, Sriperumbudur, TN - 602105, India

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