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# **Important Dates**



**Deadline for Abstract Submission** Notification of Acceptance Submission of Full length paper Acceptance Notification of Full Paper **Submission of Camera ready Paper** 

Registration Deadline (Early Bird) Registration Deadline (Late)

22<sup>nd</sup> April - 2<sup>nd</sup> May 2019 3rd - 10th May 2019

31st March 2019

2<sup>nd</sup> April 2019

16th April 2019

21st April 2019

26th April 2019

# **Registration Fee**

(Early Bird) (Late) **Industry Persons** Rs. 9000 Rs. 10000 **Academicians** Rs. 6000 Rs. 7000 **Research Scholars / Students** Rs. 5500 Rs. 6500 Listeners Rs. 2000 Rs. 2500

\*Registration fee includes conference kit, book of abstracts, participation certificate, working lunch, refreshments and one conference dinner

## **Payment Modes and Instruction**

Pay Online- NEFT / RTGS in our below given Account. While making online payment, authors are further requested to mention their Paper ID and Name in Payment Remark to enable us to trace your payment in the Bank Statement.

Also, kindly note to add the applicable bank charges, if any, for online payment.

No Cheque payment is accepted.

# **Bank Account Details**

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**Branch Name** : NITPY Branch, , Thiruvettakudy, Karaikal

#### For futher information contact

Convener

## **Dr. Sendhil Kumar Natarajan**

Assistant Professor and Head

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E-mail: sendhil80@nitpy.ac.in , ncrafs19.nitpy@gmail.com

# **NATIONAL CONFERENCE ON RECENT ADVANCES IN FUEL CELLS AND SOLAR ENERGY**



# N-CRAFS 19

MAY 11-12, 2019



Organized by



#### NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY Thiruvettakudy, Karaikal - 609 609

http://www.nitpy.ac.in

#### N-CRAFS '19

#### **About the Conference**

This conference aims to create a common platform among young and seasoned academics to discuss about recent advances in Fuel cells and Solar Energy. This conference will provide path for researchers, academicians, industrialists and students to learn about the recent developments in Fuel cells and Solar Energy.

#### Objectives:

To learn the basics of Solar Energy and Fuel cells.

To understand the recent trends in the field of Solar Energy and Fuel Cells.

To discuss the industry scenario of Solar Energy and Fuel cells.

#### **Scope of the Conference**

Paper pertaining to all Fuel Cells and Solar Energy related topics. Topics include, but not limited to, the following areas:

#### Fuel Cells

Hydrogen Production using Bio Fuel - Fuel Cells

PEM Fuel Cells

Solid Oxide Fuel Cells

**Direct Methanol Fuel Cells** 

Molten Carbonate Fuel Cells

Alkaline Fuel Cells

**Fuel Cells Stacks** 

Thermochemical Energy and Storage

Fuel Cells System Modeling

### Solar Energy

Solar Thermal Systems

Solar Concentrators

Solar PV

**Concentrating Photovoltaics** 

Solar PV/Thermal

Solar Coatings, Materials and Energy Storage

Solar Receiver

Solar Heating & Cooling

Solar Economics

#### **Keynote Speakers**

Dr. Rui Chen, Professor

Department of Aeronautical and Automotive Engineering

Loughborough University,

**United Kingdom** 

#### Dr.P.Karthikeyan, Professor

Department of Automobile Engineering

PSG Tech., Coimbatore,

Tamilnadu, India.

#### Dr. Ravi Kumar K, Assistant Professor

Center for Energy Studies

Indian Institute of Technology Delhi,

Hauz Khas New Delhi, India

**Dr.Srinivas Tangellapalli,** Associate Professor Department of Mechanical Engineering

Dr.B.R.Ambedkar National Institute of Technology,

Jalandhar, Punjab, India

#### NIT Puducherry, Karaikal

National Institute of Technology, Puducherry (NITPY) situated in 258 acres near village Poovam in Thiruvettakudy, Karaikal, is one of the thirty one National Institutes of Technology, NIT Puducherry was sanctioned by the Government of India in 2009, as part of the Eleventh Five-Year Plan (2007–2012).

Notwithstanding the tender age, NIT-Py is committed to produce effective and responsible technocrats who have the ability to serve the nation on its journey to growth and prosperity. In this process, students have been admitted from the academic year 2010-11 onwards through JEE Mains with 50% of seats reserved for the candidates having residence/native at Puducherry, Karaikal, Mahe, Yanam and the remaining 50% seats are filled on all India basis. The institute provides keen guidance in terms of experienced and expert faculties as well as facilities to sculpt the bright minds into professionally balanced individuals, capable enough to take up challenges of nature, of society and of the marketplace. Presently, 38 faculty members along with 36 non-teaching staff are employed for an overall strength of 586 students.

#### **About Karaikal**

Karaikal is a major port town of east coast of India and a municipality in Karaikal district in the Union Territory of Puducherry, India. This is the birthplace of Karaikal Ammaiyar. Several explanations are offered for the word 'Karaikal'. The imperial Gazetteer gives it the meaning 'fish pass'. However, the name Karaikal is no doubt a combination of two words 'Karai' and 'Kal'. Both the words 'Karai and 'Kal' have several meanings, of which the more acceptable ones are 'lime mix' and 'canal' respectively. Hence it has been suggested that the name may mean a canal built of lime mix. However, no trace of such a canal is evident now. The French government acquired Karaikal in 1674 and held control, with occasional interruption from the British and Dutch, until 1954 (de jure in 1956), when it was incorporated into the Indian Union along with the rest of French India.

#### **Places to Visit**











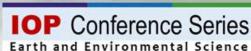


#### **Paper Submission**

Authors are invited to submit their conference papers through the Easy chair

https://easychair.org/conferences/?conf=ncrafs2019





#### **Publications**

All accepted abstracts will be published in the conference book of abstracts N-CRAFS '19. Quality check will be conducted to all the papers and only papers that pass these checks will be published in the Scopus Indexed IOP Conference Series-Earth and Environmental Science. For further details visit conference webpage.

#### **Abstract and Full Length Paper Format**

Authors can visit the following webpage to download the abstract and full length paper template.

https://sites.google.com/view/ncrafs19-nitpy

#### **Guidlines for Authors**

Prospective authors are invited to submit manuscripts reporting original, unpublished research and recent developments in the topics related to the conference.

Submissions must include title, abstract, author affiliation with the email address and keywords as per template given below.

Regular papers should present novel perspectives within the general scope of the conference. Short papers (Work-in-Progress) are an opportunity to present preliminary or interim results. The paper length should not exceed 6 pages.

Literature reviews/survey papers will only be considered if they present a new perspective or benefit the field. To be published, such papers must go beyond a review of the literature to define the field in a new way or highlight exciting new technologies or areas of research.

All submitted papers will be subjected to a "similarity test" by iThenticate Software. Papers achieving a minimal similarity index i.e. less than 10% will be examined, and those are deemed unacceptable will be rejected/withdrawn

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