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#### Conference website:

[www.ae.iitkgp.ac.in/napc2018](http://www.ae.iitkgp.ac.in/napc2018)

For any queries contact: [napc2018@aero.iitkgp.ernet.in](mailto:napc2018@aero.iitkgp.ernet.in) | Event Contact: Prof. C. S. Mistry: [napc2018@aero.iitkgp.ernet.in](mailto:napc2018@aero.iitkgp.ernet.in)

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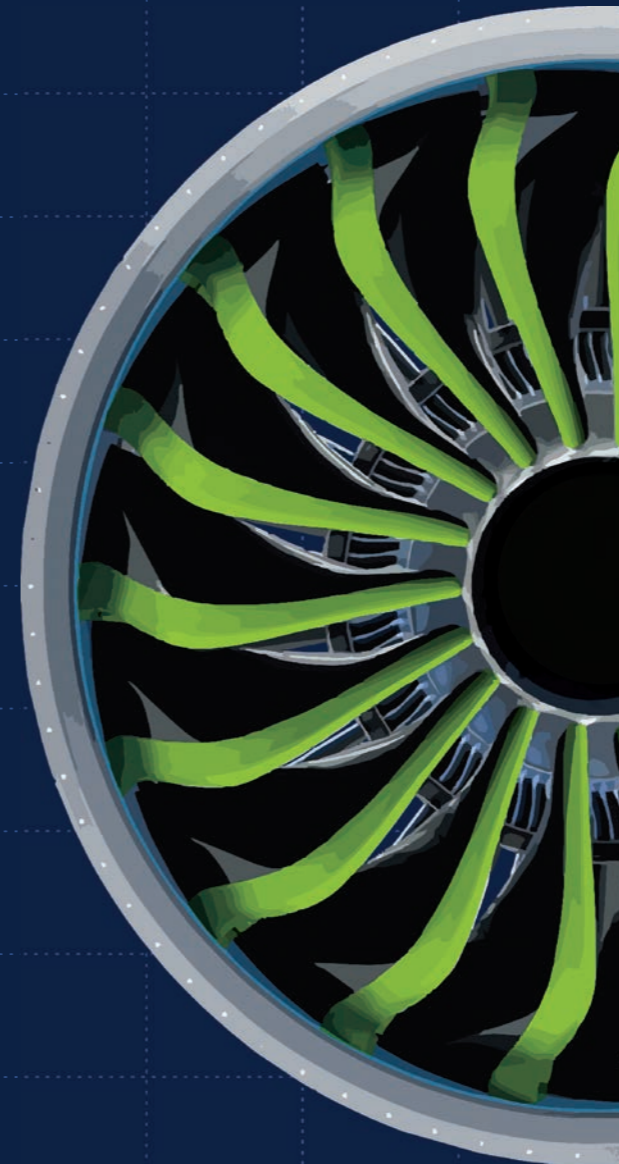
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# NAPC 2018

## NATIONAL AEROSPACE PROPULSION CONFERENCE

### EMERGING TECHNOLOGIES AND SYSTEMS IN AEROSPACE PROPULSION

December 17 - 19, 2018

Department of Aerospace Engineering  
Indian Institute of Technology Kharagpur

Under the auspices of NCABE



## ABOUT THE CONFERENCE

The National Aerospace Propulsion Conference (NAPC) is a national conference with focus on aerospace propulsion technologies. The conference is an amalgamation of the erstwhile conducted National Propulsion Conference (NPC) and National Conference on Air-Breathing Engines (NCABE) conferences. This conference is intended to bring together the entire propulsion community spanning air-breathing and non-air-breathing propulsion. The conference will be an

ideal opportunity to showcase one's research activities with peers and also foster future collaborations through networking. The first National Aerospace Propulsion Conference (NAPC-2017) was organized by Indian Institute of Technology Kanpur. The second NAPC (NAPC-2018) is being organized by Indian Institute of Technology Kharagpur.

## SCOPE OF THE CONFERENCE

Papers pertaining to all aerospace propulsion-related topics. Topics include, but not limited to, the following areas:

### GAS TURBINE PROPULSION

Compressors, Fans  
Turbines  
Heat Transfer  
Combustion, fuels and emissions  
Structures and Dynamics

### ROCKET PROPULSION

Solid, liquid and hybrid propulsion  
Electric propulsion  
Advanced concepts in rocketry  
Propellants and combustion

### RAMJETS, SCRAMJETS AND HYBRID PROPULSION DEVICES

**SPECIAL TOPICS:** Thermal/structural/vibration analysis, ground and flight testing, advanced diagnostics and instrumentation, computational simulations.

## CALL FOR PAPERS

Authors are invited to submit abstracts (maximum one page) of their papers indicating clearly the summary of the aims, methods of analysis, results and conclusions. The official language for the conference is English. The full length paper is limited to 10-12 pages as per the format available on the website. Instructions for preparation of abstract and the full length paper are available as separate links on the website.

## PROCEEDINGS

The E-proceedings along with the printed copies of accepted abstracts will be published and made available to all participants at the time of conference.

## IMPORTANT DATES

Feb 15, 2018	First announcement
May 15, 2018	Last date for abstract submission
June 15, 2018	Notification of abstract acceptance
Aug 15, 2018	Last date for full paper submission
Oct 15, 2018	Notification of paper acceptance
Nov 15, 2018	Submission of camera ready full length paper
Dec 01, 2018	Last date for conference registration
Dec 17-19, 2018	Conference dates

## MODE OF PAYMENT

Payment of registration fees for NAPC-2018 is to be made through **online money transfer** to the following account:

**Name:** CEP-STC

**IFSC Code:** SYNB0009556

**MICR Code:** 721025103

**SWIFT Code:** SYNBINBB120

**Account number:** 95562200002955

**Account type:** Savings

**Name of the Bank:** SYNDICATE BANK

**Branch Name:** SRIC, IIT KHARAGPUR

**Transfer Description/Reference:**  
NAPC2018- Paper number

*The participant is requested to make the fund transfer using **NEFT only**. Each fund transfer must be accompanied by the Transfer Description/Reference as "NAPC2018- Paper number" failing which there will be delay/no communications with regards to receipt of fund.*

## REGISTRATION FEES

**₹ 3000** for Students

**₹ 6000** Delegates (Scientists/  
Faculty members/Industry personnel)

The fees will cover a copy of the conference proceedings, inaugural reception, breakfast, lunches and tea/coffee services during session breaks. Registered participants will be invited to the conference banquet.

## ABOUT NCABE

The National Committee on Air breathing Engines was founded in 1992 as a trust to provide a forum and stimulus to the R&D activities in the field of aerospace propulsion in the country. The first National Conference, NCABE was held in Bangalore in 1992 and since then NCABE has been a well-attended major technical event held at different aerospace institutions across the country. NCABE serves as the Indian complement for the International Conference on Air Breathing Engines (ISABE).

## ABOUT CAMPUS

The campus is located in the city of Kharagpur in an idyllic and green environment. I.I.T. Kharagpur is the oldest amongst all I.I.T.s and the campus is spread over a large area. Kharagpur is well connected to all major cities in India by road and rail. The International Airport at Kolkata is about 130 km away. Kharagpur and Kolkata are well connected and the total journey takes about two and a half hours. All basic facilities like hospital, medicine stores, banks, post and telegraph offices, internet, telecom centres with ISD/STD/FAX, grocery stores, food stalls/canteens, swimming pools, lawn tennis courts, etc. are available within the Institute campus. The State Bank of India located within the campus provides foreign exchange facilities. The climate during December is dry and moderately cool. The temperature ranges between 8-15° C.

## ACCOMMODATION

Single/sharing accommodation will be arranged for delegates on payment basis in the campus guest houses.

Guest house tariff rates are available at:  
<http://www.tgh.iitkgp.ac.in/?id=trf>

Suitable hostel accommodation will be provided to the students/research scholars on payment basis.