

About Nagpur and the VNIT

The city of Nagpur popularly known as Orange City is located at the geographic center of India and is among the top five green cities of the country. It is the second capital of Maharashtra state. The city is well connected to other parts of the country by Train / Bus & Air.

Visvesvaraya National Institute of Technology (Deemed University) is named in the memory of Bharat Ratna Shri Mokhsundam Visvesvaraya, the celebrated Civil Engineer- Planner-Statesman of the country. The VNIT is established in June 1960 as Regional College of Engineering. It has a beautiful campus of 214 acres near Ambazari Lake. The Institute has adequate number of highly qualified and trained faculty of national and international repute and proven capabilities of higher caliber in various disciplines. The Institute offers Under-Graduate and Post-Graduate level courses in various disciplines of Engineering and Ph. D. Programme in Science and Engineering.

The distance of campus from Nagpur Railway Station/ST Bus Stand is about 8/10 Km. The mode of conveyance available at the station is Taxi, Auto Riksha. The auto fare from Railway station bus station to VNIT campus is ~ Rs. 150/-.

About Department

The Chemical Engineering Department is one of the premier engineering and youngest departments of VNIT NAGPUR which was started in 2006. At present the department is going with full strength towards bright future with strength of 18 full time faculty, 360 undergraduates students, and more than 30 PhD research scholars. It is a dynamic and goal oriented group of highly qualified and experienced faculty well supported by experienced technical staff, equipped with eight undergraduate laboratory and modern research and development infrastructure like, HPLC, GC, GCMS, UV-Vis, FTIR, Particle Size Analyzer, TGDTA and XRF. Department has undergoing and completed many R&D projects from various organizations like DST, DBT, CSIR, BARC, industries etc.

Patron

Dr. P.M. Padole, Director, VNIT, Nagpur

National Advisory committee

Shri. A.M. Naik, IOFS, Ex-OFB Member

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Dr. G.K. Ghosal, Former Head , Pet. Refining & Petrochem. Tech., LIT, R&D Consultant, SIIL (Explosive), Nagpur

Shri. Rahul Guha, SIIL(Safety), Nagpur

Shri. A.K. Shrivastava, SIIL(GM Production), Nagpur

Shri. A.K. Jain, Executive Director, SIIL, Nagpur

Convener

Dr. D. Z. Shende

Organizing Secretary

Dr. Kailas L. Wasewar

Dr. M. N. Varma (HoD, Chemical Engg.)

Important Dates

Last date of Registration : March 1, 2019

Workshop Date : March 5-9, 2019

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR-440 010

5th National Workshop

On

Advances in Explosive and Propellants

(AEP – 2019)

March 5-9, 2019

REGISTRATION FORM

Name: _____

Designation: _____

Affiliation: _____

Address: _____

Telephone No. (with code): _____

Mobile No.: _____

E-mail ID: _____

Particulars of Registration Fees

Amount _____ Cash/DD/ Cheque No. _____

(DD/Cheque should be payable in favour of Director, VNIT Nagpur)

Date _____ Bank _____

Date: _____ Signature of Applicant

Forwarded by Head of Institute / Department

Tentative Topics to be covered

Formulation and Characterizations of Explosive and Propellant

Synthesis
Chemistry
Engineering
Characterization

Manufacturing Technology for Explosive and Propellant

Computer graphics and interactive techniques
Data processing and analysis
Modelling and simulation

Kinetics of Combustion of Explosive and Propellant

Physical, chemical and thermodynamic analysis
Heat and mass balance
Sensors used for analysis

Logistics & Transport of Explosive and Propellant

Advanced technology solutions

Environmental and safety aspect of Explosive and Propellant

The impact of climate change
Gas explosion hazards
Environment testing
Water disposal and reuse
Safety

Development of Arms and Ammunitions & other

Applications of Explosive and Propellants

And other related topics

Scope and Objective of Workshop

In continuation as 5th annual event, the workshop will provide a unique platform for the interaction amongst the eminent researchers, industry persons, and officers from explosive and propellant organizations of interdisciplinary nature from both academia and industry under one roof to discuss and share the state of the art developments in various explosives, chemicals and other related aspects. Chemical engineers play the vital role in explosive and propellants sector; they have been working in various Indian Government Organizations such as Indian Ordnance Factories, DRDO, BARC etc. and other private industries deals with explosive and propellant with responsibilities towards the development of various innovative explosives, propellants, materials and designs of various arms and ammunition. The theme has been selected to accommodate a wide range of interests to facilitate interaction among various chemical engineers and interdisciplinary persons working in various academic institutes, research organization and government and private offices. In addition to the various keynote addresses, expert lectures and invited talks, the industrial visits will also be arranged in Govt./private sectors.

Registration fees:

For DRDO/OF personnel : NIL
For UG/PG/Research Scholars : Rs. 1000
For Others : Rs. 1500

Contact Persons

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5th National Workshop
On



ADVANCES IN EXPLOSIVE AND PROPELLANTS (AEP – 2019)

March 5-9, 2019

In Association with

DRDO

&

IChE, Nagpur Regional Centre

**Dr. G K Ghosal
Chairman**



**Dr. Atul Vaidya
Hon. Secretary**

Convener

Dr. Diwakar Z. Shende

Organizing Secretary

Dr. Kailas L. Wasewar

Dr. Mahesh N. Varma

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Visvesvaraya National Institute of
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