

Application form for  
Short Term Course on  
**Extreme Events, Disaster Risk  
Reduction and Management**  
11<sup>th</sup> - 15<sup>th</sup> March 2019

**APPLICATION FORM**

Name of Participant  
Ms./Mr./Dr. \_\_\_\_\_  
Designation: \_\_\_\_\_  
Age: \_\_\_\_\_ E-mail: \_\_\_\_\_  
Residential Address  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Pin Code: \_\_\_\_\_  
Tel: \_\_\_\_\_ Mobile: \_\_\_\_\_  
Complete official mailing address with E-mail id  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Pin Code: \_\_\_\_\_ Tel: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Name of Organisation: \_\_\_\_\_  
Name of Department: \_\_\_\_\_  
Academic Qualification (Degree onwards):  
1) \_\_\_\_\_ 2) \_\_\_\_\_  
3) \_\_\_\_\_ 4) \_\_\_\_\_  
Specialisation (if any): \_\_\_\_\_  
Experience in Years: \_\_\_\_\_  
Any previous training (Y/N): \_\_\_\_\_  
Place: \_\_\_\_\_ Duration: \_\_\_\_\_  
Details of DD/Cheque (Security Deposit)  
Bank: \_\_\_\_\_ DD/Cheque No. \_\_\_\_\_  
Date: \_\_\_\_\_ (P.T.O)

Short Term Course on  
**Extreme Events, Disaster Risk  
Reduction and Management**

11<sup>th</sup> - 15<sup>th</sup> March 2019

**Under**  
Human Capacity Building Programme of CCP-  
SPLICE DST

**Titled**  
Capacity Building for Climate Change Adaptation  
and Mitigation with a special Focus on Sustainable  
Habitat and Risk Management

**at**  
Seminar Hall, Department of Applied Mechanics,  
Visvesvaraya National Institute of Technology,  
Nagpur, 440010



सत्यमेव जयते

विज्ञान एवं प्रौद्योगिकी विभाग  
DEPARTMENT OF SCIENCE & TECHNOLOGY  
Government of India



विश्वेश्वरैय्या राष्ट्रीय प्रौद्योगिकी संस्थान  
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY,  
NAGPUR

# Short Term Course on Extreme Events, Disaster Risk Reduction and Management

Under Human Capacity Building Program at Visvesvaraya National Institute of Technology, Nagpur

11<sup>th</sup> - 15<sup>th</sup> March 2019

PROJECT: Capacity Building for Climate Change Adaptation and Mitigation with a Special Focus on Sustainable Habitat and Risk Management

## THE PROJECT

The project aims to build capacity by imparting training on "Climate Change Adaptation and Mitigation" with focus on various components like sustainable habitat, green building, disaster risk reduction and management, and socio-economic vulnerability and livelihood. Under this project, VNIT Nagpur will be conducting ten training courses during 2017-20.

## ABOUT THE COURSE

**"The more governments, UN agencies, organizations, businesses and civil society understand risk and vulnerability the better equipped they will be to mitigate disasters when they strike and save more lives"** -Ban Ki-moon, United Nations Secretary-General. Extreme events are events that have extreme values of certain important meteorological variables. Damage is often caused by extreme values of certain meteorological variables such as large amounts of precipitation (e.g., floods), high wind speeds (e.g., cyclones), high temperatures (e.g., heat waves), sudden and violent shaking (Earthquakes) etc. A disaster is a sudden, calamitous event that seriously disrupts the functioning of a community or society and causes human, material, and economic or environmental losses that exceed the community's or society's ability to cope using its own resources. Though often caused by nature, disasters can have human origins. The National Disaster Management Plan of India incorporates substantively the approach enunciated in the Sendai Framework and aims to make India disaster resilient, achieve substantial disaster risk reduction, and significantly decrease the losses of life, livelihoods, and assets – economic, physical, social, cultural, and environmental—by maximizing the ability to cope with disasters at all levels of administration as well as among communities. This course aims at addressing the concerns of NDMA and training the stake holders.

It focuses on 1) Geophysically triggered disasters like earthquake, Tsunami, Landslide; 2) Extreme events like Heat Wave, Cyclone, Urban Floods, etc. and 3) building fire; Each unit will focus on understanding the fundamentals of extreme events / disaster, related risk and possible mitigation and adaptation methods with respect to human settlements.

## WHO SHOULD ATTEND

The course is designed for practising architects, civil engineers, structural engineers (private and public sectors), officials in SDMA, DDMA, NDMA, Urban local bodies, Zilla Parishad, Town Planning authority, Real Estate Developers etc. The participants are recommended to bring their laptop for hands-on training sessions.

## SELECTION OF PARTICIPANTS

- Number of participants is limited to 30.
- The course is fully funded by Department of Science and Technology, Gol which includes lodging – boarding, course material and reimbursement of train fare by shortest route (3AC) of participants.
- Though there is no registration fees the applicant is required to send a security deposit, DD or cheque of Rs. 2000/- in favour of 'The Director VNIT, Nagpur' which will be returned after successful completion of the course. If not attended, the security cheque will not be returned.
- Duly filled application along with the security deposit of Rs. 2000/- (DD or cheque) should reach to us by 25<sup>th</sup> February, 2019.
- The number of participants are limited and the selected candidates will be informed by email on or before 26<sup>th</sup> February, 2019.
- The security deposit cheque or DD of the applicants who are not selected for the course will be sent back to the address of correspondence provided by them in the application form.

## COURSE FACULTY

The lectures will be delivered by the experienced faculty from VNIT, Nagpur and outside experts from IITs, NITs, SPAs, and Practising Architect, Planners from industries.

## COORDINATORS

**Dr. Rajashree Kotharkar,**

Professor,

Dept. of Architecture & Planning

Ph. No. 0712-2801056, 9822719413

Email: rskotharkar@arc.vnit.ac.in

**Dr. Ratnesh Kumar,**

Associate Professor,

Dept. of Applied Mechanics

Ph. No. 0712-2801582, 9372548232

Email: ratneshkumars@apm.vnit.ac.in

## ABOUT VNIT, NAGPUR

VNIT Nagpur is an Institute of National Importance, named after Bharat Ratna Sir M. Visvesvaraya. The vision of institute is to contribute effectively to the national endeavour of producing quality human resource of world class standard by developing a sustainable technical education system to meet the changing technological needs of the country incorporating relevant social concerns and to build an environment to create and propagate innovative technologies for the economic development of the nation.

## DEPARTMENT OF ARCHITECTURE & PLANNING

Department of Architecture and Planning offers UG program in Architecture and PG program in urban planning. It developed technical expertise in the field of Green Building, Urban Sustainability and Disaster Risk Reduction. The department is extensively involved in research and consultancy in the fields of Urban Heat Island studies, Cool Roofs and Disaster Risk Reduction.

## DEPARTMENT OF APPLIED MECHANICS

Established in 1966, the Department of Applied Mechanics offers two post graduate programs. The department is extensively involved in research, consultancy and capacity building in the field of earthquake and wind engineering. The department has well equipped labs including a large (3m x 3m) servo-hydraulic shake table facility for seismic ground motion simulation.



DEPARTMENT OF SCIENCE &  
TECHNOLOGY  
Government of India



VISVESVARAYA NATIONAL  
INSTITUTE OF TECHNOLOGY,  
NAGPUR

## Note

- Number of participants is limited to 30.
- The course is fully funded by Department of Science and Technology, Gol which includes lodging – boarding, course material and reimbursement of train fare by shortest route (3AC)
- Though there is no registration fees the participant is required to send a security deposit, DD or cheque of Rs. 2000/- in favour of 'The Director VNIT, Nagpur' which will be returned after successful completion of the course.
- Duly filled application along with the security deposit, (Rs. 2000/- DD or cheque) should reach to us by 25<sup>th</sup> February, 2019.
- Application without the certificate of concerned authority will not be entertained
- Please note that 100% attendance is compulsory in the course
- The number of participants are limited and the selected participants will be informed on or before 26<sup>th</sup> February, 2019.
- The participants are recommended to bring their laptop for hands-on training sessions.

Signature of Applicant \_\_\_\_\_

## Certificate of Concerned Authority

The applicant will be permitted to participate in the above programme, if selected. Further, I have personally talked to the applicant and he/she seemed to be sure to attend the course, in case the admission is offered to him/her.

Date: \_\_\_\_\_

Signature of Authority

(Seal)

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Organization: \_\_\_\_\_

**Duly filled application should be sent to the following address:**

**Dr. Rajashree Kotharkar,**

**Professor,**

**Dept. of Architecture and Planning,**

**VNIT, S. A. Road, Nagpur, 440010, Maharashtra**

**Ph. No. 0712-2801056, 9822719413**

**Email: capacitybuildingvnit@gmail.com**