

IWDMM

International Workshop

10-11 December 2018

on



GITAM

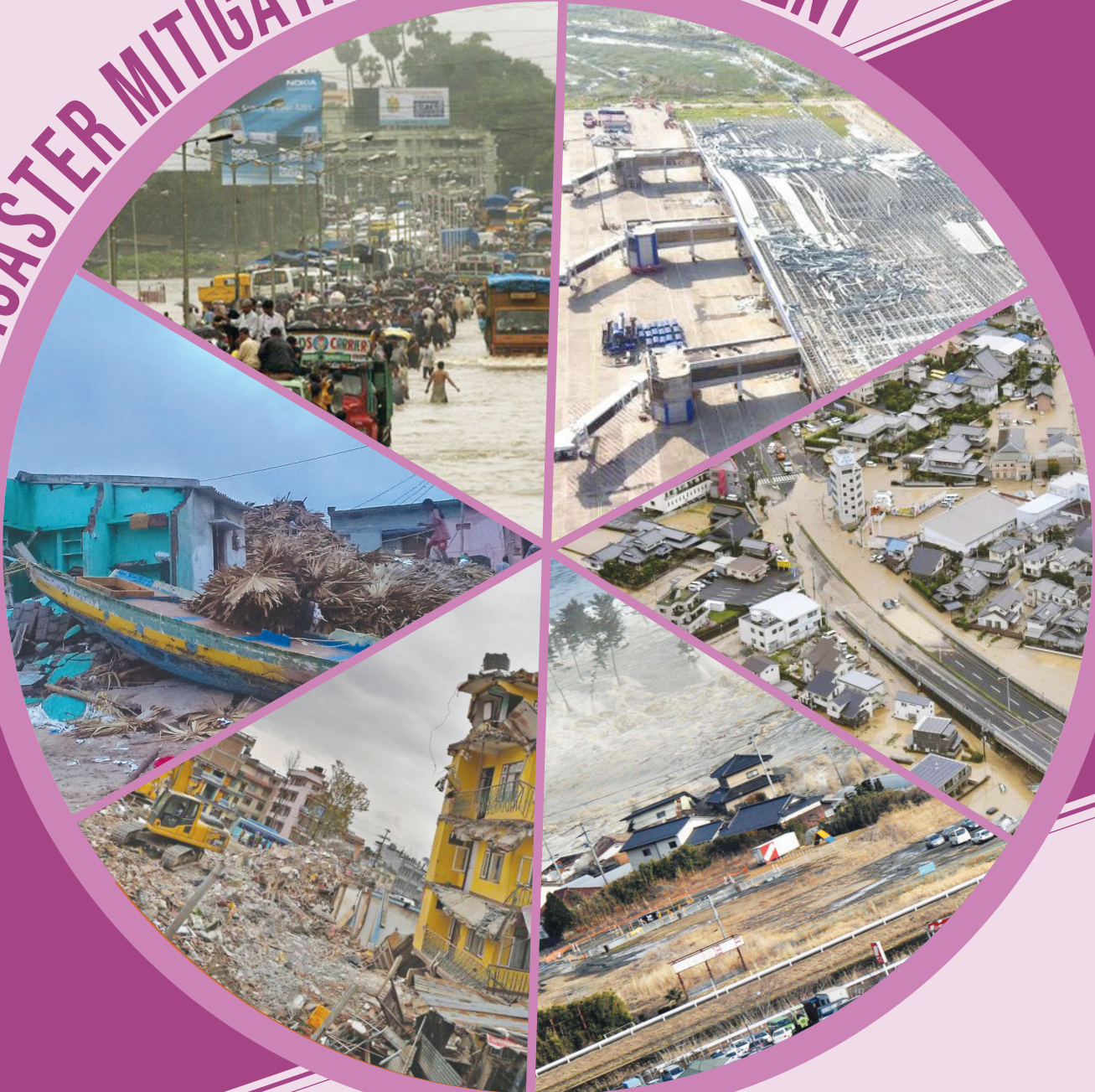
(DEEMED TO BE UNIVERSITY)

(Estd. u/s 3 of the UGC Act, 1956)

VISAKHAPATNAM * HYDERABAD * BENGALURU

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DISASTER MITIGATION AND MANAGEMENT



Organised by

DMTC*

Disaster Management Training center
University of Tokyo, JAPAN



芝浦工業大學

SHIBAURA INSTITUTE OF TECHNOLOGY
JAPAN



Dept. of Civil Engineering
GIT, GITAM (Deemed to be University)



東京大学

THE UNIVERSITY OF TOKYO

About the Workshop

Globally, Asia-Pacific Countries are highly vulnerable to natural disasters. According to United Nations the urban population is expected to increase from 55% today to 68% by 2050. The combination of rapid and unplanned urbanisation in developing countries is leading to disastrous damage to people and property due to natural hazards. Disasters not only cause enormous loss to human beings but also huge economic loss, which results in breakdown of life-line infrastructure like hospitals, buildings, roadways, railways, power lines, communication towers etc.

Andhra Pradesh is exposed to cyclones, storm surges, floods and droughts. A moderate to severe intensity cyclone occurs once in every two to three years. It has been estimated that about 44 percent of AP's total territory is vulnerable to tropical storms and related hazards, while its coastal belt (North Coastal District in particular) is likely to be the most vulnerable region in India to these natural phenomena. The regular occurrence of Disasters in Coastal Andhra Pradesh in India had a series of repercussions on the state's economy, its development policies, political equilibrium and daily life of millions of people. Disaster mitigation measures eliminate or reduce the impact and risks of hazards through proactive measures taken before an emergency or disaster occurs.

In-order to mitigate the devastating effect of disasters, improve preparedness for disasters, impart proactive disaster management, the Department of Civil Engineering, GIT, GITAM (Deemed to be University) Visakhapatnam, has taken an initiative to organize an **International Workshop on "Disaster Mitigation and Management" (IWDMM)** in collaboration with University of Tokyo, Japan during 10-11 December 2018. This workshop provides a platform for academicians, researchers, professionals and policy makers to discuss and share their experiences about the efficient planning of Mitigation and Management of Disasters, to address the challenges posed for present and future.

Objectives

- To provide a platform to share the expertise and experiences of renowned experts from University of Tokyo, Shibaura Institute of Technology (SIT), JAPAN
- To familiarize the delegates with the best practices and latest techniques in the areas of Mitigation and Disaster Management.
- To formulate the mitigating measures for Disasters in the urban, semi-urban and peri-urban areas

Themes of Workshop

- Risk Assessment
- Urban Planning and Disaster Mitigation
- Disaster Risk Reduction
- Recovery and Rehabilitation
- Urban Resilience

Targeted Audience

- Professionals
- Policy makers
- Government and Private Organizations
- Academicians
- Researchers
- Faculty Members and Students

About GITAM

Gandhi Institute of Technology and Management (GITAM), a Deemed to be University under section 3 of the UGC Act, 1956, is a premier educational institution in the country imparting quality education. Over the last 38 years, GITAM has achieved many milestones and established a mark of its own in the field of higher education. GITAM is located at Visakhapatnam and has two off-campus at Hyderabad and Bengaluru. GITAM has grown into multi-disciplinary institution with 19 institutes, 52 academic departments and 10 research centres offering 190 programs at UG, PG and doctoral levels in diverse disciplines such as Engineering & Technology, Architecture, Life Sciences, Social Sciences, Physical Sciences, Arts & Humanities, Commerce & Management, International Business, Law, Pharmacy, Medicine and Nursing.

About Department of Civil Engineering

The Department of Civil Engineering was established in 1980 and houses state of the art laboratories and is a home for students and scholars. Over the past 38 years, with the active participation of dedicated and committed faculty, the department emerged as one of the most reputed civil engineering departments in the country. The department offers B.Tech in Civil Engineering, M.Tech in Structural Engineering & Natural Disaster Management. The Department is actively involved in research and consultancy in various specializations of Structures, Water Resources, Geotechnics, Environmental, Transportation, Surveying and RS & GIS. In the past 5 years, the department offered more than 100 consultancy projects for various agencies, which include central, state and local governmental and private agencies.

About University of Tokyo, JAPAN

Established in 1877 as the first imperial university, the University of Tokyo is Japan's most and one of the world's most storied and prestigious higher education establishments. In 2011, the university, which is nicknamed Todai, was ranked second in the world behind Harvard for the number of alumni in CEO positions at Fortune 500 companies. Also, 15 of Japan's 62 prime ministers were educated at the University of Tokyo, and five alumni have gone on to become astronauts. The University of Tokyo consists of 10 faculties and 15 graduate schools, and has 30,000 students enrolled, of which 2,100 are from overseas. Unusually for a Japanese university, it also runs undergraduate programs taught entirely in English: the International Program on Japan in East Asia and the International Program on Environmental Sciences.

About Shibaura Institute of Technology (SIT), JAPAN

Since its establishment in 1927, Shibaura Institute of Technology (SIT) has remained committed to a practical approach in educating and nurturing engineers. Its founding philosophy is firmly rooted in this legacy for "Nurturing engineers who learn from society and contribute to society".

SIT's practical approach to education has enabled it to nurture engineers with the practical knowledge and skills necessary to support a technology-oriented country. This, together with its ability to produce outstanding engineers possessed of both a strong sense of ethics and comprehensive knowledge, has underpinned SIT's long-term contribution to progress and development in society at large.

SIT is the only private technology university in Japan to be selected as part of the Top Global University Project by the Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT) to drive internationalization and enhance the international competitiveness of higher education in Japan.

About Visakhapatnam

Visakhapatnam city, known as a City of Destiny or Port City or Steel City, is the largest city in the State of Andhra Pradesh and the third largest city on the East Coast of India. Popularly known as Vizag, it is being developed as a Smart City. GITAM Campus is about 40-minute drive from the Vizag Airport and 30 minutes from the Railway Station.

Registration Details

For Students: Rs. 500/-

For Faculty/Scholar: Rs. 1,000/-

For Industry Personnel: Rs. 3,000/-

Dates: December 10-11, 2018

Venue: KRC Auditorium, GITAM Campus, Visakhapatnam, A.P., India.

Student Poster Competition

Theme: Innovative Solution in Disaster Management

Poster (B1 Size: 72 cm wide and 103 cm Height)

Attractive Cash Prizes: 1st Prize ₹ 5000/-, 2nd Prize ₹ 3000/-, 3rd Prize ₹ 2000/-

Make a candid, clear, practical and interesting 'Original idea'

Interested participants should submit a 300 word abstract with participant name, affiliation, presentation title, poster to

hod_civil@gitam.edu before 7th December 2018

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