

REGISTRATION FORM

The Institution of Engineers (India),
Muzaffarpur Local Centre,
M.I.T., Muzaffarpur 842003 (Bihar)

National Seminar on "MITIGATION AND MANAGEMENT OF NATURAL DISASTERS"

To be held on December 05-06, 2008

- 1 Name:
2 Designation:
3 Organisation:
4 Mailing Address:
5 Phone / Cell:
6 Email Id:
7 IEI Membership : F / M / AM / A
8 Do you intend to submit and present the Paper ? Yes / No
9 Title of Paper:
10 Author(s):
11 Remittance sent:
12 Demand draft / Multicity cheque no. dated
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Place:

Date: Signature

For IEI, Muzaffarpur Office only

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STEERING COMMITTEE

- Dr. A. K. Rai, Past Hon. Secretary, IEI, Muzaffarpur Local centre, Muzaffarpur.
- Er. Z. Hassan, MIE, A.P. (Retd.), Dept. of Elec. Engg., MIT, Muzaffarpur.
- Er. S. N. Singh, Head Lather Technology, MIT, Muz.
- Er. S. K. Tiwari, Lecturer, Dept. of Civil Engg., MIT, Muzaffarpur.
- Chairman, IEI, Bihar State Centre, Patna
- Hon. Secretary, IEI, Bihar State Centre, Patna

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- Dr. Suresh Kumar, Past Hon. Secretary, IEI, Muzaffarpur Local centre, Muzaffarpur.
- Dr. Sunil Kumar, Lecturer, Dept. of Civil Engg., MIT, Muzaffarpur.
- Er. A. P. Singh, Lecturer, Dept. of Mechanical Engg., MIT, Muzaffarpur

ADDRESS FOR CORRESPONDENCE

Organising Secretary (National Seminar)

- # THE INSTITUTION OF ENGINEERS (INDIA),
- # MUZAFFARPUR LOCAL CENTRE,
- # PO: MIT, MUZAFFARPUR 842003.

Email: drachintya@rediffmail.com

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Phone: 0621-2262657 (Chairman)

Mobile: 09431063215 (Hon. Secretary)

PROGRAMME

Date	Events	Schedule
Dec. 5, 2008	Registration	09.30 a.m.
	Inaugural Session	10.30 a.m. - 11.30 a.m.
	Tea Break	11.30 a.m. - 12.00 a.m.
	Technical Session I	12.00 - 02.00 p.m.
	Lunch Break	02.00 p.m. - 03.00 p.m.
	Technical Session II	03.00 p.m.-5.00 p.m.
Dec. 6, 2008	A.G.M. of IEI	10.00 a.m. - 11.00 a.m.
	Tea Break	11.00 a.m.-11.30 a.m.
	Technical session III	11.30 a.m.-01.30p.m.
	Valedictory Function	01.30 pm.-2.00 p.m.

The Institution of Engineers (India).

Muzaffarpur Local Centre,
M.I.T., Muzaffarpur 842003 (Bihar)



INFORMATION BROCHURE

NATIONAL SEMINAR ON MITIGATION AND MANAGEMENT OF NATURAL DISASTERS

December 05-06, 2008

ORGANISED BY

THE INSTITUTION OF ENGINEERS (INDIA),
MUZAFFARPUR LOCAL CENTRE,
MUZAFFARPUR INSTITUTE OF TECHNOLOGY,
PO: MIT, MUZAFFARPUR 842003

Organising Secretary

Organising Chairman

Mr. C. B. Rai
Hon. Secretary, IEI
Muzaffarpur Local Centre
Po.: MIT, Muzaffarpur
Pin : 842003

Professor Achintya
Chairman, IEI
Muzaffarpur Local Centre
Po.: MIT, Muzaffarpur
Pin : 842003

THE National Seminar on "MITIGATION AND MANAGEMENT OF NATURAL DISASTERS" is aimed for professionals who would like to participate in global and regional interactions of mitigation and management of natural disasters. With the aim of providing a suitable and sustainable model to society to handle the various disasters as a whole, the proposed seminar is sought and hence, if we are adequately prepared, the hazard must not become a disaster.

OBJECTIVE

In a country like India which is extremely prone to disasters, both the natural as well as the man-made, it is needless to emphasize the importance of implementing the mitigation measures and management plans towards the wrath of natural disasters. The damage and destruction in potential disaster areas gets poor attention by the inhabitants of the areas. Their lack of concern probably results because a natural disastrous process that produces even catastrophic damage may not be perceived as a real threat if it strikes the same area only every few generations.

We must not forget that more than 60% of India is earthquake-prone, 12% flood-prone, 8% cyclone-prone and above all, more than 70% of cultivable land is prone to drought. This is the scenario so far as natural disasters are concerned.

Through this desk, we can disseminate the vital information to the community regarding the disaster-risk reduction. This is the right platform to reiterate the strong social responsibility that our Institution of Engineers carries with it.

APPROACHES AND THEME

To emphasize the technicalities involved in disaster management, we refer to the Commonwealth Government's four elements of disaster management, namely Preparedness, Response, Recovery and Prevention / Planning / Mitigation (PRRP). PRRP is elaborated as follows:

- (i) **PREPAREDNESS:** measures that ensure that communities and services are capable of coping with the effect of disasters.
- (ii) **RESPONSE:** measures taken in anticipation of, during and immediately after, a disaster to ensure that the effects are minimal.
- (iii) **RECOVERY:** measures that support emergency affected communities in reconstruction of the physical infrastructure and restoration of economic and emotional well being.
- (iv) **PREVENTION:** measures adopted to eliminate or reduce the incidence and severity of disasters. In the context of the facts as cited, the subthemes described in the subsequent section are proposed for thorough discussions to squeeze out needful actions.

SUB-THEME ACTIVITIES

A. PREPAREDNESS

- # Community awareness and education.
- # Preparation of disaster management plans for community / individuals.

- # Mock drill, training and practice
- # Inventory of resources such as material resources as well as human resources
- # Proper warning system.
- # Mutual and management.
- # Identifying the vulnerable groups.

B. RELIEF AND RESPONSE

- # Activate the emergency operation centres (Control room.)
- # Setting up community kitchen and potable water supply schemes.
- # Medical camps.
- # Setting up temporary shelters.
- # Deployment of search and rescue teams.

C. RECOVERY AND REHABILITATION

- # Restoring the essential services such as roads, water supply, electricity, communication links and other life-line structures.
- # Reconstructing new buildings and providing technical Providing health and safety measures to the community.

D. PLANNING, PREVENTION AND MITIGATION

- # Land use planning.
- # Preventing habitation in risk zone.
- # Disaster resistance buildings.
- # Finding ways to reduce risk well before the disaster strikes.

CALL FOR PAPERS

Based on the theme and sub-theme activities as narrated above, the seminar invites original review and research papers that have not been published and not currently under review for publication elsewhere. Contributions addressing all aspects pertaining to universalization of disaster management and mitigation measures are solicited. The seminar shall look for papers and all the relevant engineering discussions which suggest and report on better acquaintance and preparedness for meeting any adverse situation in terms of relief, rescue and rehabilitation. The paper should strictly conform to the following:

- # Official language for the National Seminar will be English for all practical purposes.
- # Synopsis of paper limited to 250 words should be typed in single space. Full text of paper typed in single space shall not exceed 2500 words.
- # Typing should be carried out in MS word and Times New Roman font and size 12 should be maintained.
- # All tables and figures should be annexed in next pages followed by references.
- # Every author must provide manuscript of the text in hard copy as well as in soft copy in MS word.

IMPORTANT DATES

Receipt of Abstract: 17.11.2008
 Communication of Acceptance : 20.11.2008
 Last Date for Receipt of Full Text: 28.11.2008
 Date of event: 05.12.2008 to 06.12.2008

VENUE

MUZAFFARPUR INSTITUTE OF TECHNOLOGY,
 MUZAFFARPUR 842003

REGISTRATION FEE

For Non-members	Rs. 500/-
For Corporate Members	: Rs. 300/-
For Students of Engineering Institutions / Sr. Technicians / Technicians :	Rs. 150/-

TARIFF FOR ADVERTISEMENT IN SOUVENIR

Back Cover:	Rs. 10,000/-
Back / Front Inside (Cover II and III):	Rs. 8,000/-
Inside Full Page:	Rs. 5,000/-
Inside Half Page:	Rs. 3,000/-

All payment should be made through A/c payee demand draft of any bank at Muzaffarpur, drawn in favour of : "The Institution of Engineers (India), Muzaffarpur Local Centre, Muzaffarpur" payable at Muzaffarpur. Cash, however, may be deposited in the office of the I.E.I., Muzaffarpur Local Centre, PO: MIT, Muzaffarpur.

ABOUT MUZAFFARPUR

The city of Muzaffarpur, the oldest seat of Tirhut, which is famous for the temple of Baba Garibnath, Lord Shiva, and also as exporter of Lichi, is situated at a latitude of 26°7N and longitude of 85°24 E. It is well connected by train from Delhi, Howrah, Mumbai, Ahmedabad, Surat, Guwahati, Lucknow, Ranchi, etc. National Highways such as NH 77, NH 57 and NH 28 also pass through the city of Muzaffarpur and hence it is well connected by road too from Patna, Ranchi, Tata, Nepal (Birganj and Janakpurdhm).

The railway station is just 4 km and the bus-stand is half km from the campus of Muzaffarpur Institute of Technology, Muzaffarpur.

Place of interest like Vaishali, the First Republic of the world is hardly 40 km and Sitamarhi, the birth place of Lady Sita (wife of Lord Ram) is just 62 km from the Venue.

Temperature during the month of December normally ranges between 25° C to 15° C. delegates are, therefore, advised to bring warm clothing with them.

CHIEF ADVISORY COMMITTEE

1. Dr. Dhruv Prasad, Director, Dept. of Science & Technology, Govt. of Bihar, Patna.
2. Dr. M.P.Jakhanwal, Principal, Muzaffarpur institute of Technology, Muzaffarpur.
3. Dr. Arun Prakash, Professor and Head, Dept. of Civil Engg., MIT, Muzaffarpur.
4. Dr. U. C. Verma, Past Chairman, IEI, Muzaffarpur Local Centre, Muzaffarpur.
5. Er. Vishwa Nath Sahu, Past chairman, IEI, Muzaffarpur Local centre, Muzaffarpur.
6. Er. Ramashish Pandey, Past chairman IEI, Muzaffarpur Local centre, Muzaffarpur.