## Topics for contributory papers and poster presentations

Category: Industrial Safety

- Safety in Evolving & Advanced **Technological Applications**
- Reliability of emergency systems
- Safety aspect in developing technology from laboratory to industrial scale
- Safety Management in R&D organization
- Chemical safety aspects including Advanced Hazard Identification
- Techniques and Process Safety Management and case studies
- Innovation in reducing human errors in industries
- Fire safety and advanced techniques of firefighting in nuclear facilities

- Fire hazard analysis
- Safety audit
- Elements of safety audit and case studies
- NMAs/Serious accidents, case studies from your units
- Challenges and strategies for promoting safety in work places
- Non-ionizing radiation

Category: Occupational Health:

- Positive Health Management
- Prevention of cancer
- Occupational stress management
- Occupational health safety in laser and accelerator operation and case studies

# **Contact Details**

Dr. S.M. Oak, Convener Chairman, Apex Safety Committee OS & Head, Solid State Laser Division RRCAT, PO: CAT. Indore (MP) - 452013 Ph:0731-2442312 / 28 (PA) & Mob: 94253-16291 Fax: 0731-2442300, Email: oak@rrcat.gov.in

## For Sending Contributory Papers

Shri S. R. Bhave, SO/F Industrial Plants Safety Division (IPSD), AERB, Niyamak Bhavan, Anushakti Nagar, Mumbai -400094 Ph:022-25990409, Mob: 98196-24877 Fax: 022-25990400, Email: srbhave@aerb.gov.in

### For Local Arrangements Shri S.M. Jalali, Member-Secretary Head, Fire & Safety Section Supt. Eng. (JL), Construction & Services Division RRCAT, PO: CAT, Indore (MP) - 452013 Ph:0731-2488870, 2488088, Mob: 94250-81881 Fax: 0731-2488866, Email: sjalali@rrcat.gov.in

## Around Indore

Indore is a major industrial and commercial city of MP state. There are several places of tourist interest within 90 kms of Indore such as, Maheshwar, on Narmada river, Mandu Fort, known for many monuments of 15<sup>th</sup> century as well as Ujjain and Omkareshwar, which are of religious significance. Maheshwar is located about 90 kms from Indore on the banks of river Narmada. The town enjoyed a golden age in the late 18th century under Holkar queen Rani Ahilyabai. Apart from a boat trip on the majestic Narmada river there are several other attractions like the old fort and a palace, a number of temples and ghats, which have a unique architectural beauty. Maheshwar is also known for its colourfull Maheshwari saris with elegant designs. The weaving of sarees on the handlooms can be watched in the Rehwa cooperative society.





Atomic Energy Regulatory Board and **Raja Ramanna Centre for Advanced Technology** 

32<sup>nd</sup> DAE Safety & Occupational Health Professionals Meet October 5-7, 2015, RRCAT, Indore



## Themes:

1. Safety in Evolving and Advanced Technological Applications

2. Positive Health Management



Department of Atomic Energy Government of India





# 32<sup>nd</sup> DAE Safety & Occupational Health Professionals Meet October 5-7, 2015

## Raja Ramanna Centre for Advanced Technology, Indore

## Patrons

Dr. R.K. Sinha, Chairman, AEC & Secretary, DAE, Mumbai Shri S.S. Bajaj Chairman, AERB, Mumbai Dr. Sekhar Basu, Director, BARC, Mumbai Shri K.C. Purohit, CMD, NPCIL, Mumbai

## **Steering Committee**

Gupta P.D, Director, RRCAT, Indore – Chairman Acharya D., CMD, UCIL, Jaduguda Bhattacharya R., Vice Chairman, AERB, Mumbai Bora Dhiraj, Director, IPR, Gandhinagar Chakrabarti Bikas K., Officiating Director, SINP, Kolkatta Chellapandi P., CMD, BHAVINI, Kalpakkam Director, TIFR, Mumbai Gabhane N.S, Director, DCSEM, Mumbai Gupta P.K., Associate Director, RRCAT, Indore Khot Pankaj, AD (HS&E), NPCIL, Mumbai Kohli A.K., Chief Executive, BRIT, Navi Mumbai Panda Sudhakar, Director, IOP, Bhubaneshwar Parihar P.S., Director, AMD, Hyderabad Patra R.N., CMD, IREL, Mumbai Pradeep Kumar K.S., Assoc. Director, HS&EG, BARC Prakash R., Chief Executive, HWB, Mumbai Ramprasad K., Head, IPSD, AERB, Mumbai Saibaba N., Chief Executive, NFC, Hyderabad Srivastava D.K., Director, VECC, Kolkata Sudhakar P., CMD, ECIL, Hyderabad Vasudeva Rao P.R., Director, IGCAR, Kalpakkam Oak S.M., Chairman, ASC, RRCAT, Indore - Member Secretary Jalali S.M., Head, F&SS – Permanent Invitee, RRCAT, Indore



### Technical Programme Committee

Bhattacharya R., Vice Chairman, AERB - Chairman Oak S.M, Head, SSLD & Chairman, ASC, RRCAT, Vice-Chairman Asnani C.K., Director (T) IREL Belokar S.G., GM (HS&E), HWB Bhave S. R., SO/F, IPSD, AERB Haldavnekar H., In-Charge, T&V Disp, BARC Kanagalakshmi N., EIC (F&IS), BHAVINI Mirza Z. B., In-Charge, RRCAT Medical Centre Nair G. Haridas, Head, HPU, RRCAT Ramprasad K., Head, IPSD, AERB Saha S., ATG, VECC Satpathy K.K., Head, EnSD, IGCAR Soundararajan S., Head IHSS, BARC Thakur S., G M (Safety & Projects), NFC Varshney A., CE (IS&FS), NPCIL Jalali S. M., Head, F&SS, RRCAT - Member Secretary



## Local Organising Committee

Gupta P.D., Director, RRCAT - Chairman Oak S.M, Head, SSLD & Chairman, ASC, RRCAT, Convener Joshi S.C., Head, PLSCD, RRCAT Naik P.A., Head, LPD & ISUD, RRCAT Thakurta A.C., Head, PSIAD, RRCAT Rawat Anil, Head, CD, RRCAT Lala Abhinandan, Head, MOSS, RRCAT Kulkarni S. S., Head, CSD, RRCAT Mundra G., Head, ACDFS, RRCAT Lad Mahendra, Head, RFSD, RRCAT Vora H.S., Head, EIS, RRCAT Jathar M.R., Head, AVSC, RRCAT Jena B.K., Chief Administrative Officer, RRCAT Bhaskara Prasad, JCFA, RRCAT John Raju, Eng. In-Charge, RRCAT Guest House, RRCAT Ajay Kumar, Station Officer, F&SS, RRCAT Jalali S.M., Head, F&SS, RRCAT - Member Secretary



# **General Information**

### Web site: http://www.rrcat.gov.in/symposiums/conf/daesafety32/index.html

The 32<sup>nd</sup> DAE Safety & Occupational Health Professionals Meet will be jointly organized by Atomic Energy Regulatory Board (AERB), Mumbai & Raja Ramanna Centre for Advanced Technology, Indore. The themes for the meet are "Safety in Evolving and Advanced Technological Applications" & "Positive Health Management". The Meet will provide an unique opportunity for information sharing to further improve the safety scenarios in the various DAE installations for the emerging new and advanced technologies and also for effective health management of staff.

Dr. S.S. Ramaswamy Memorial Endowment Lecture on the theme of this Meet will be delivered by an eminent speaker of international repute. Experts in different areas related to safety and occupational health will be invited for specialized talks and the participants of the Meet will also present contributed papers. An exhibition of products by the suppliers and manufacturers of the personal protective equipment (PPE) and safety appliances is also planned.

**Nominations:** Nominations are welcome from all DAE units and its aided institutions for participation in the Meet. A scanned soft copy or hard copy of the approved nomination form (template enclosed), complete in all respects including the approval of Head of the Unit, should reach Shri S. M. Jalali, Member-Secretary, before August 10, 2015. Incomplete nomination forms may not be accepted. The number of nominations from each unit may be limited to a total of three persons with at least one nomination each for Industrial Safety and Occupational Health.

**Call for Papers:** Contributed papers for the Meet are invited from all the units and institutes. The list of topics suggested by the Technical Programme Committee is enclosed. Papers should be sent to Shri S. R. Bhave, SO/F, IPSD, AERB, Mumbai on or before July 31, 2015.

Accommodation: Suitable accommodation will be arranged at RRCAT Guest House or selected hotels for the participants based on the entitlement in their organizations. Delegates are requested to give the eligibility rate for hotel accommodation in the nomination form. All the delegates are requested to settle the bills directly with the hotel/guest house.

**Transport:** The delegates are requested to book their own to & fro journey reservations. Pooled transport will be arranged for the participants on arrival at Indore Railway Station and Indore Airport based on the advance information from the participants.

**Mode of Presentation :** LCD Projector & Computer will be available for Power Point presentations of technical papers. Poster boards will be available for poster session.

**Trip to Maheshwar:** A half day sight seeing trip is planned to Maheshwar (a historic town onNarmada river) after the concluding session on the third day of the meet.

About Raja Ramanna Centre for Advanced Technology (RRCAT): It is a unit of DAE engaged in R & D in the front line research areas of Lasers, Particle Accelerators & related advanced technologies as well as their applications. The Centre has indigenously designed, developed, and commissioned two synchrotron radiation sources, Indus-1 and Indus-2, serving as a national facility. The Centre is also pursuing activities in industrial lasers and accelerators, cryogenics, materials development, RF & control instrumentation, ultrahigh vacuum etc. The RRCAT campus is spread over 760 hectares in a picturesque site on the outskirts of Indore city and encompasses laboratories, staff housing colony, school, sports facilities, shopping complex, gardens as well as the Sukhniwas palace and a lake.