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ASSE India – Newsletter Committee
Sandip Mukherjee & Madhava Kumar

Prologue:

Dear Reader,

After a brief interval, we are presenting the 5th Issue of ASSE –India Chapter newsletter. Trust you will find this issue fairly informative. Looking ahead your usual support and inputs to keep this publication regular.

Regards

Sandip Mukherjee

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Message from President's Desk:

Dear HSE Colleagues,

Please accept my greetings and good wishes. Hope this will find you in best of health and spirit.

Our Professional Development Conference in Chennai went well, many thanks for all your support. ASSE India Chapter conducted its AGM during the same. Post conference workshop on ASP/CSP also attracted good number of participants. A number of students participants drawn attention by their participation and presentation of wonderful technical posters. We wish them all the very best. We need to nurture and support these young talents so that they are able to take Safety to a greater height.

As you may be knowing New Executive Committee and Office Bearers has been elected to take over from 1st July 2014 and I believe that with your continued encouragement and support the new committee will take ASSE India Chapter to greater heights. Please participate in activities of your Chapter and contribute in taking forward the mission of protecting people, property and the environment further.

Best wishes

Krishna Nirmalya Sen.,
President
ASSE India Chapter



Message from Secretary's Desk:

I wanted to take this opportunity to first say thank you to all, for opting me as secretary to serve ASSE India chapter.

I would like to foresee rather than look back for the year in front of us. I came out with an idea of preparing ASSE yearly plan from July 2014- June 2015 and together with Mr. KN Sen and Mr. Bharadwaj, we have prepared the program for the whole year.

The program was circulated to all and I welcome if anybody having any good perspective for improvement.

We plan to conduct the planned programs as per schedule by forming small responsible team for each program and by thus we wish to engage all the committee members in the association activities.

With the above, I look forward for fruitful year and hope we all join hands together to make difference in our professional works.

Sincerely

Janardhanam Varatharajan,
ASSE Secretary, India Chapter



ASSE – India Chapter: Executive Committee Members (Governing Body)

July 2014 to June 2015

SI	Position	Name & Qualification
1	President	Krishna Nirmalya Sen
2	Vice President, & Chair membership	H. R. Rangaswamy
3	Secretary	V Janardhanam
4	Joint Secretary & Vice Chair Technology	M. Vijay Kumar
5	Treasurer	R Bharadwaj
6	Chair Long Range plan	Dr Karuppaswamy Ramanathan
7	Chair Communications	Shuvendu Basu-
8	Chair Public/Community Relations & Vice chair Membership	P K Mukopadhyay.
9	Chair Technology	Nirupam Mukherjee
10	Chair Construction Section	Mr. Gurudas Bandyopadhyay
11	Vice Chair Construction Section	Amitava Lahiri,
12	Chair Newsletter	Sandip Mukherjee
13	Chair Chapter Student Affairs	Prof. K R. Ramana
14	Chair Govt. Affairs & Vice-Chair, Membership	R L Kalita
15	Vice Chair Newsletter	Madhava Kumar
16	Web Master & Vice –Chair Chapter Student Affairs	M. Nachiappan
17	Chair Training & awareness program	Dr R K Elangovan
18	Chair Awards & Honors	Suresh Tanwar
19	Vice Chair Long range plan	Milind Sangwkar
Student members : ASSE HNGU Gujarat Student Chapter		
20	Faculty Advisor	Dr. Hemixa Rao
Student members : ASSE RLI Chennai Students Chapter		
21	Faculty Advisor	Dr. R K Elangovan
Student members : ASSE NICMAR Hyderabad Student Chapter		
22	Faculty Advisor	Prof K R Ramana
Student members : ASSE UPES Dehradun Chapter		
23	Faculty Advisor	Dr Nihal Anwar Siddiqui
Student members : ASSE RGIST Bellary Chapter		
24	Coordinator	H. R. Rangaswamy (ASSE- India Chapter Vice President, & Chair membership)

Report on PDC “SAFETY India 2014”

“SAFETY India 2014 Conference & Exposition”, the first PDC in India was organized by ASSE with technical support from ASSE India Chapter at The Leela Palace, Chennai from May 26-27, 2014. The conference was well represented by many reputed organizations such as Indo-American Chamber of Commerce, Underwriters Laboratories, USA, DGFASLI Ministry of Labour & Employment, Government of India, Director of Mines Safety DGMS-Ministry of Labour & Employment, Government of India, US Consulate, National Employer's Federation of India, Reliance Industries Limited, Gammon India, Larsen & Toubro Limited, Tata motors, NEBOSH UK, BCSP USA, Safety Engineers Association (SEA) India, Winston Salem State University, USA, etc. It offered great opportunities of learning and interactions to safety professionals across India with global representation and made this programme successful.

It also had an enriched atmosphere focused on education and networking with a shared purpose of advancing Occupational Safety and Health (OSH) to save lives. SAFETY India 2014 conference served as an important platform and facilitated to gain insights from experts into safety best practices as well as learn about innovative methods, Take away practical, technical knowledge applicable OSH initiatives.

During the PDC on 26th May ASSE India Chapter awards program was conducted and details of the same are given below:

- Safety Professional of the year of India Chapter : Mr. Gurudas Bandyopadhyay
- Woman in Safety Engineering (WISE) : Ms Rashmi Mishra
- ASSE WISE Essay First place – Ms Shreya Srivastava
- ASSE WISE Essay Second place – Ms Iti Sharma
- ASSE WISE ESSAY Third place – Ms Shagufta Ijaz
- Student Poster Award First place – Mr V. Chandra Simha
- Student Poster Award Second place – Mr Bhawna
- Student Poster Award Third place – Mr Dinesh Kumar
- Consolation - Ms Shagufta Ijaz
- Consolation – Mr Saurav Chaudhury
- Consolation – Mr Jatin Mittal
- Consolation – Ms Shreya Srivastava
- Consolation – Mr Surya teja verma



A post conference work on exam preparation for ASP / CSP was conducted which included sessions from Treasa M. Turnbeaugh, CEO, BCSP, USA and Mr P.K. Mukhopadhyay, CSP

AGM of ASSE India Chapter was organized on 27th May 2014 which was attended by many ASSE members. During the AGM the Executive Committee for the year 2014 to 2015 was declared.

Safety Professional of the Year: 2013-2014



American Society of Safety Engineers (ASSE) conferred “Safety Professional of the Year” award to Mr. Krishna Nirmalya Sen, Head HSE HCP & President ASSE-India Chapter for outstanding achievement in the safety profession, during “Safety India 2014” - ASSE Professional Development Conference & Exposition held at The Leela Palace, Chennai.

At a glittering event during the conference, Ms. Kathy A Seabrook, President ASSE handed over the most coveted “Edgar Monsanto Queeny Safety Professional of the Year 2013 – 2014” award to Mr. Sen on 26th May 2014. This was witnessed by over 200 Safety and Health Professionals, including invited dignitaries and delegates from ten countries and various parts of India representing Ministry of Labor & Employment, global corporations, professional bodies and academic institutions.

Monsoon Preparedness and Driving Advisory

Compiled by: Sandip Mukherjee

10 ways to have a safe monsoon

1 Keep clean and dry

Keep yourself dry as much as possible, especially your feet. Change your wet clothes immediately to avoid infections. Keep fungal infections at bay by using medicated powders.

2 Eat right

Drink only purified water and freshly cooked food. Include spices like pepper, asafoetida (hing), cumin (jeera), garlic, ginger, turmeric and coriander in your cooking as they aid digestion and boost immunity during this season.

3 Keep out damp

Good ventilation is essential to eliminate humidity and dampness. Keeping dried neem leaves, camphor or some cloves in rooms and wardrobes remove humidity – and keeps everything smelling good, too.

4 Take care of upholstery

Heavy carpets should be covered with a plastic sheet and stored in a dry place – the damp, rainy weather could ruin them. You can use plastic or bamboo mats instead of heavy carpets during this season. Translucent window draped or curtains ensure sufficient light enters the room.

5 Unclog drains

Check all your household drains and pipe for blockages. Blocked drains lead to waterlogging and eventually seepages. Unclog drains frequently at this time.

6 Pre-monsoon preparations

Check the roof and walls of your home for leakages and fix them before the rains start. Also, ensure wiring and electrical switches are covered and replace damaged cords immediately to avoid electric shock. Keep silicon pouches which are available with electrical goods suppliers, close to your gadgets to keep them moisture free. Secure loose objects above and around your house to prevent accidental displacement of objects due to stormy weather.

7 Drive carefully

Drive in the lower gear at slow speed in the rains. On wet surfaces, brakes should be applied far before the spot you want to stop at. For better visibility, use headlights or fog lights. If water has entered into your car hood, wait for it to dry before you turn the ignition on.

8 Unplug electronics

During a thunderstorm, unplug all electronics and electrical appliances to help prevent damage from surges of electricity. For your home theaters, plasma screens, LED and LCD TVs, do not forget to check the mounting walls for seepage or moisture. Leakage or even dampness can affect the efficiency and functioning of these devices

9 Plumbing and Sheds

During a storm, avoid using any plumbing. Plumbing can conduct electricity from lightning strikes. During thunder storm try to stay under the shed that is properly grounded. Do not stand under the tree. Staying inside your own house also a better step to avoid lightning and thunder

10 Ensure Mosquito free home

Water and Humidity shall increase risk of mosquito breeding.

Malaria and Dengue mosquitoes grow predominantly in the house / building, so we can protect ourselves.

* Did you clean your terrace? Remove all discarded articles stored on the top. Ensure that the drainage inlet is not blocked.

* Did you check water storage tank of your building? It should have tight fitting lids, no cracks no overflowing.

*Are you regularly (weekly) cleaning and changing water of fountain, flower vase, refrigerator tray, room cooler, pots for birds and cattle, rain water drains?

* Whenever you have mosquito nuisance first check breeding sites in your house, then surrounding, then request neighbors to do so there will be miracle.

* In case of mosquito nuisance, inform municipal corporation Vector born disease control cell of health department and allow them to check your house and surrounding when the team visits

MONSOON – Driving Advisory

- During monsoon season, pay attention to weather forecasts, plan your trip and expect possible delays due to poor road conditions and adverse weather.
- Perform careful regular inspections of your vehicle to ensure it is in a safe and roadworthy driving condition.
- Pay particular attention to the condition of your tyres and brakes. - Remember to also ensure windscreen wipers and all lights are in good working order.
- Polish up your hazard perception skills – recognize potential dangers and always be prepared for the unexpected!
- Increase your following distance from other vehicles during adverse weather. Increasing following distance permits better visibility, more braking time and helps avoid collisions.
- Never drive into flooded puddles or road sections while unaware of depth and potential hidden hazards.
- Avoid unnecessary driving at night and during subdued lighting conditions.
- Always carefully select safe parking areas – clear of traffic and other road users.
- Keep a tow rope & floatation device in car
- Carry a flashlight
- Check condition of your spare tyre and jack before setting out.
- Carry a florescent jack and wear it should you break down or require assistance.
- Remember to carry your mobile phone with you!



... It's rainy season! Take precautions

Recent Incident

Gas Pipeline Accident Kills 15 People in Southern India

(Kakinada Jun 27, 2014)

At least 15 people were killed in a fire that followed a blast at a GAIL India Ltd. (GAIL) natural gas pipeline in south India, a local administrative official said.

The fire, which started early this morning, has been doused and the injured have been admitted to hospitals in the district, said B. Suguna, a government officer at Amalapuram town in Andhra Pradesh state, where the fire occurred. The federal government has ordered an inquiry into the cause of the fire, Oil Minister Dharmendra Pradhan told reporters in New Delhi.

State-run GAIL has closed a section of the pipeline that was carrying gas from a field operated by Oil & Natural Gas Corp. (ONGC) to Lanco Infratech Ltd.'s power station in Andhra Pradesh state, GAIL Chairman B.C. Tripathi said by phone.

The incident follows a series of accidents this month. A fire broke out at a vacuum-gasoil treating unit at a refinery operated by HPCL Mittal Energy Ltd. in Punjab state on June 20. Six people died and 36 were injured after a gas leak at state-run Steel Authority of India Ltd.'s plant in Chhattisgarh state in central India on June 12, according to a company statement.

ONGC has shut some gas wells in the area, ONGC Chairman Dinesh K. Sarraf said. The company's oil refinery near the site is operating normally, he said.

The report copied from the website of Bloomberg: <http://www.bloomberg.com/quote/GAIL:IN>



Pictures of incident site

Information on Higher Education



SRI RAMACHANDRA UNIVERSITY

(Declared under section 3 of the UGC Act, 1956)

Accredited by NAAC with 'A' Grade

(CGPA 3.52)

MASTER OF INDUSTRIAL HYGIENE & SAFETY

Part- time (3 Years)

2014-2015

Course Eligibility

Candidates for admission to the M.Sc. (Industrial Hygiene and Safety) Course shall be required to possess any one of the following qualifications: B.E. / B.Tech / B.Sc. (Physics or Chemistry or Mathematics as Major or Allied subject) degrees of any institution/university recognized by the AICTE/UGC.

Course Fees and Admission:

The tuition fee per academic year is Rs. 75,000/- for the General/Foreign/NRI Category. Students are admitted on the basis of marks obtained in the qualifying examination and a personal interview.

Contact Information

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HSE Quiz

1. Equipment for which a grounded conductor is NOT required must:

- | | | | |
|---|--------------------------------|---|--------------------------|
| A | Have a grounding strap | B | Have a three-wire system |
| C | Be bonded with other equipment | D | Be double-insulated |

2. A workers hand has been exposed to liquid nitrogen. What is the correct first aid?

- | | | | |
|---|---------------------------|---|----------------------------|
| A | Immerse hand in ice water | B | Immerse hand in warm water |
| C | Immerse hand in hot water | D | Keep hand in ice |

3. When exercising, excessive electrolyte depletion may result in an illness called:

- | | | | |
|---|-------------|---|-----------------|
| A | Heat stroke | B | Thirst |
| C | Heat cramp | D | Heat exhaustion |

4. Safety spectacles would be least effective in protecting an employee's eyes in which of the following situation?

- | | | | |
|---|--------------------------------------------------|---|----------------------------------------|
| A | Chipping rocks | B | Pouring molten metal |
| C | Working in areas with high ammonia concentration | D | Sharpening tools at a pedestal grinder |

5. At which noise level is noise first potentially painful?

- | | | | |
|---|-------|---|-------|
| A | 90dB | B | 103dB |
| C | 125dB | D | 140dB |

Watch out the next issue for correct answer

You are welcome to send your inputs to: Sandip Mukherjee; e-mail:

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Selected articles shall be published in next publication

Become an ASSE member today & avail a world of professional opportunities....

ASSE offers its members many opportunities for networking, professional development, global media outreach, government affairs programs, standards development, publications and other resources. **For further details, please contact:**

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For more information please visit our website - <http://india.asse.org>

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