

HEM News

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A monthly newsletter on "Home Energy Management Programme" of IAEMP

Editorial

Let the message not get lost in the colours



K. Jayalakshmi
of clean energy and an environment, and above all, of sustainable living.

Someone once said children are the living messages we send to a time we will not see. The future is looking like it could be something the human race may not soon see. All the more reason why we need to focus on our children and the messages we pack into them. Messages of conservation of limited resources, messages of simple living,

In this context, let us look at the annual drawing-painting competitions organized by the BEE at colossal costs of Rs 1.5 crore. Yes, we need such events to bring in awareness among the children. But no, this is not as effective as it can be. It will not do to just dish out a topic and judge the paintings. More effort has to be put in to send home the message.

School children are over-burdened with studies and caught in a system that is extremely competitive, the easy way out is rote memorization. As a result, even the 'brightest' student is not really aware of what he is digesting. Environmental education is a subject in most schools today but again, the essence is often lost in tackling the subject for maximum marks.

Teachers have their own troubles. To expect them at the end of a day to talk passionately about energy or environment is a tall order. If children must imbibe the messages of energy conservation vis-à-vis scarce resources and a clean environment, it will need an army of committed people. Like iaemp-hemp.

It will be a good thing for the BEE to employ this army in the awareness building campaigns with schools. Any competition should be preceded by a brief communiqué issued to the students where the topic is briefly and simply discussed. Without going into too many details, for example, the comparison can be drawn between different light sources and their power consumption (in terms of cost) to illustrate efficient lighting.

Before the painting competition again, a brief talk will help to drill in the message of conservation. This has to be brief and punchy. After the time duration, each child can be made to explain what he/she has drawn and what it illustrates. Not only will this help disseminate many ideas, but also educate the educators!

Some follow-ups would also help to reinforce the idea and get the children to act on the information they are given. Check out what their parents said, did they make any change, how did it affect the bill, etc.

Obviously, all this will need a dedicated workforce. The iaemp-hempians can club with the many NIEs (newspaper in education) in cities as these are already engaging with the children at schools in many issues. The NIEs can be persuaded to include debates, essays and jams on the topics of energy and environment conservation.

When there are already groups and individuals available as a resource group, joining hands with them will strengthen the energy revolution we are all looking at.

Regarding the prize money, as pointed in the iaemp yahoo group forum, it makes better sense to split the huge 18.55 lakh money into smaller prizes so that at School level too the children can be awarded, and will carry forward the message. Better still, instead of money, the children may be awarded with energy efficient lighting products or appliances. We need convinced citizens of the future to save this race from the impending energy catastrophe.

Hopefully, the BEE will act upon the opinions of experts in the iaemp group, who can not only give advice, but also help implement the same.

BE AN ENERGY SAVVY FAMILY

Arvind Rastogi, CEA

Energy is wealth for everyone, for you, me, the society, country, and our planet. This message is for all young people who are aware of their rapidly depleting planet, the increasing frequency of natural, violent disasters, and the ever increasing rift between the people who "have" and who "do not have". Being aware then, they should be concerned of the travesty, and depredations that continue to take place, and how our beautiful planet is gradually becoming a dangerous place to stay.

I do not wish to hold a brief for my generation which has done its part, some out of greed, and some out of sheer ignorance, but as the grim situation unfolds, every coming generation would have to rise to tackle it tooth and nail.

Every day we hear of some kind of cataclysm or a tragedy in some part of the planet with increasing frequency, and increasing ferocity. Draughts and floods are happening concomitantly. The climate is changing, temperatures are increasing, water has become scarce, and land infertile. As if, nature and mankind (through its advancing manipulations of science and technology) are locked in a eye-ball to eye-ball confrontation. One would have to live through few geological ages to see whether this be a 5-day match, or a 50 / 20 over game.

The moot point is, can I, as a young individual do my bit to save the nature, and save the climate. Perhaps yes, in many ways, and with a lot more impact than one could ever realize. Most importantly, it is easy for young to adopt good practices rather than the parents and the elderly with a deeply ingrained mind set.

The flip side is that this effort will scarcely get noticed, it will not fetch one any awards or rewards, or an opportunity to be a guest speaker at some self-glorifying symposium, on the taxpayers expense. But there would be tremendous underlying satisfaction that shall live with you through your life of having made your own contribution for the benefit of our future generations.

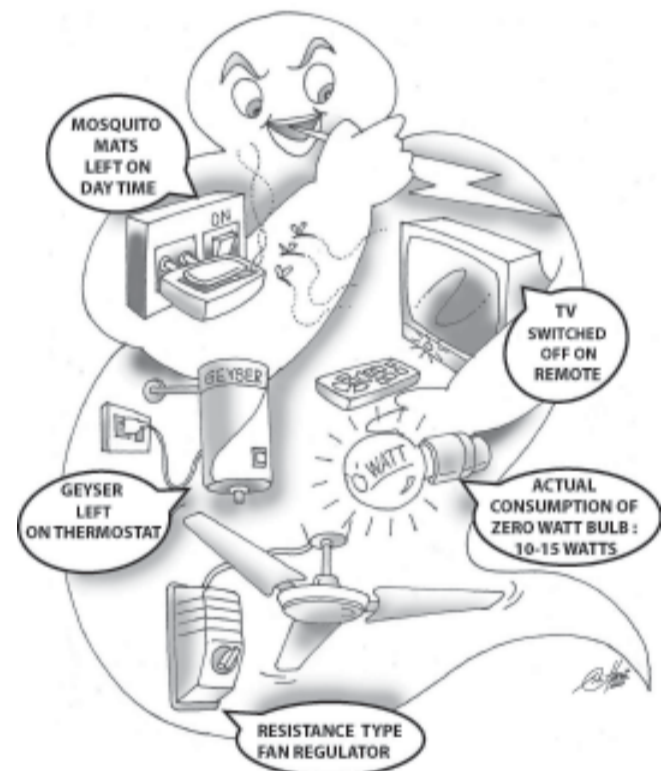
SIMPLE TIPS FOR EVERY FAMILY TO SAVE ENERGY

- 1] Switch off lights (lamps) when not required, or when leaving a room; Suggest your parents to convert to more energy efficient CF Lamps / LED Lamps, from the primitive incandescent, and tube-lights. Best, as far achievable, use natural lighting. Avoid drawing the curtains and switching "ON" lamps. Move your study table closer to a window that opens to natural lighting.
- 2] Disconnect (switch-off supply to) chargers of mobiles and all such portable devices which have chargeable batteries. A charger which is on, but has stopped charging continues to extract power from the supply system.
- 3] Stop using remotes of TVs, ACs, etc. Getting up from the couch and walking upto the appliance will not only involve physical exercise, but switching off from the mains, rather than through the remote, will save energy. Every small LED (tell-tale indicator) typically found on every conceivable

gadget, including PCs, Printers, Laptops, DTH set-top boxes, chargers, I-pods, mobiles, digital cameras, music systems, etc., etc., consume power to remain ON just to accept a command from the remote, or to tell you that the power supply is ON. Any middle class house hold today would have at least 5-10 such LEDs "on" at any time, which could possibly be switched off.

- 4] Members of a family should try and sit in one room when engaged in a common activity, rather than each member occupying a separate room and keeping the lamps, fans, AC, TVs, on in each room. This will also help to improve the bonhomie of the family.

BEWARE! GHOST CONSUMERS STEALING ELECTRICITY FROM YOUR HOME



- 5] Unless the distances are much and involve lot of time, try using a bicycle for commuting to school, tuitions, or the nearby market. Cycling, or even walking will do your physique a whole lot of good. Longer distances allow one time to internalize, think and ponder, which otherwise is rarely done these days. And if you feel that moving around on a bicycle dents your position within your circle of friends who move around on mobikes, you could opt for those fancy bikes with lot of panache in them. Best strategy of course would be to win over your friends to your point of view.

Do not forget, nature is a great leveler and does not believe in human bred distinctions. Think, if you and the girl you are dating were to move on a bicycle, it would allow you both more time to be together.

If your generous parents wish to gift you a mobike for your splendid performance, tell them to defer it so long as you can manage without a fuel guzzler. Parents very easily buckle under the slightest pressure for the fear that their stinginess may lead to poor academic performances of their children. Interestingly, those performing well will anyway do good for themselves. Now, it is expected that they do good for the environment around.

(Contd.2)

GREEN IDEAS

Hotel offers free meal to guests who are willing to generate electricity



The Crown Plaza Hotel in Copenhagen, Denmark, is offering a free meal to any guest who is able to produce electricity for the hotel on an exercise bike attached to a generator. Guests will have to produce at least 10 watt hours of electricity - roughly 15 minutes of cycling for someone of average fitness. They will then be given meal vouchers worth \$36 (26 euros).

University constructs a green roof as a gathering place



Green design is an enormously popular trend in modern architecture, just take a look at this amazing green roof at the School of Art, Design and Media at Nanyang Technological University in Singapore. This 5-story facility sweeps a wooded corner of the campus with an organic, vegetated form that blends landscape and structure, nature and high-tech and symbolizes the creativity it houses. The roofs serve as informal gathering spaces challenging linear ideas and stirring perception. The roofs create open space, insulate the building, cool the surrounding air and harvest rainwater for landscaping irrigation. Planted grasses mix with native greenery to colonize the building and bond it to the setting.

....BE AN ENERGY SAVVY FAMILY

Many universities and campuses abroad, and some in India now (MIT-Manipal, IIT-Mumbai / Delhi, etc) have banned use of motorized vehicles inside the campus. Bicycles have been made mandatory, or simply walk- the healthiest way to live your life.

- 6] Pooling vehicles is an excellent idea if the destinations and timings match. I have often come across advertisements in local vernaculars and internet sites from individuals with common office destinations wanting to have partners for vehicle pools.
- 7] Ensure that you and your parents switch-off the vehicle engine when at a red-light signal, or in traffic jam. Learn to drive at optimally fuel efficient speeds.
- 8] If you see your mother, or your cook - for some of the more (not better) endowed, using large sized flame, or using steel utensils instead of copper or aluminium, or open utensils, suggest and explain to them how they could save on fuel by a simple change.

Large flames going beyond the vessel loose heat to the atmosphere. Copper / aluminum lined bimetallic utensils are better conductors of heat, have less mass, and thus not only energy efficient, but also considered by many to be a healthy way of cooking. Use of Teflon lined heating pans, helps to reduce use of oil, and hastens the cooking cycle. (Note : This is subjective and a matter of personal tastes.)

- 9] If a dish taken out from the refrigerator is to be warmed, remove it 15-20 minutes earlier, allowing it to come to the room temperature naturally, and then applying external heat to warm it.
- 10] See that your mother has just the right amount of water in the pressure cooker. Excess water will take in heat (energy) to convert into steam. A very common, but unnoticed mistake that saps energy.
- 11] If you find taps and faucets in your home flowing or leaking, or public utilities wasting energy, blow the whistle. In our country, public utilities are the most prolific spenders of energy and resort to criminal wastage. You will often find street lights "on" during the day, taps and pipes leaking or burst, wasting not only water, but colossal amount of energy that has been used to pump the water from a distant source. Immediately, call the utility (Municipal, PHE, Power Discom...) office nearest to you and tell them, or inform your parents to do that. I have found that after a few persistent calls, the normally nonchalant and lethargic departments begin to act.

In homes, a very common source of profuse leakage that generally goes unnoticed is the commode cistern. Unfortunately the rubber seals provided in the cistern are not durable, and changing it is a grueling exercise with the plumber. Best is to learn the simple technique of D-I-Y (do it yourself).

- 12] Suggest your parents to paint the roof top white (the good, age-old chuna). It radiates back the intense heat, keeping the inside room temperatures low. The side benefit is the water-proofing feature of chuna. For once, chuna lagaana is for the good!
- 13] Ask your parents to install solar geysers, cookers. In our tropical country, we cannot rid of the heat, but can certainly make the best use of intense daylight and heat during the day, tapping the solar energy.
- 14] Most people switch on ACs and then wrap themselves in a blanket. Either, the AC may not be required, or needs to be set to a less cool level, reducing energy consumption.
- 15] Finally, and most important at your age, do not get into any argument with the show-offs and the pessimists of the world, on the benefits of saving our environment through better use of our resources. Trust me, if we do not change our ways, the Pajeros, the Land Rovers, the Hummers, and the many other SUVs that are flaunted will very soon be consigned to museums, and it would only be the Nanos, Beetles, Smart, Jazz, I-10 & I-20s which will rule the road. Besides the fuel going out of reach, there would be not enough space to drive these huge fuel guzzlers, and you will not have the jungles and wilderness where to drive these to. I told you, nature is a great leveler.

Remember....."Just do your bit".

Eco-Friendly boy meets eco-friendly girl

Now single men and women who care about living a natural and holistic lifestyle, can get to know other green, eco-friendly singles, through an online dating site.

The site called EcoDater.com offers its members a comprehensive array of tools to participate in the EcoDater community and find other green, eco-friendly singles easily and efficiently.

Members include environmentalists, vegans and vegetarians, organic farmers, outdoor enthusiasts, yoga practitioners, activists and much more.

Lokmanya Tilak started the practice of mass Ganesh Festival to integrate the society against western culture, and unite people to achieve freedom. But today, Ganesh Utsavs are being held in every nook and corner and people are getting more divided than united. Moreover Lord Ganesh is being denigrated by making idols in different sizes and forms which have no sanctity in Murthy Shastra. Many are using the occasion to extort money or spend exorbitantly and organize loud orchestra, indecent dramas or dances, causing public nuisance.

There is strong need to launch an awareness campaign among masses to invoke the real spirit of all festivals including 'Durga Utsav', Deepavali, Holi etc. The Hindu religious leaders need to issue clear guidelines and ensure their adherence so that all religious festivals are organized in eco-friendly manner.

If this is taken up in the right spirit, we can avoid wastages of enormous amount of energy and resources while simultaneously educating the masses about the true spirit behind our religious festivals.

Let us revive the true spirit of 'Ganesh Utsav'



A Silent awakening

Jagriti- 2010 is a non profit, unregistered group formed by some executives of MECON Ltd, out of their sheer interest towards utilizing their spare time towards social activities. This group was formed in the month of February 2010. The two broad categories of activities that this group is focused on are Environmental and Humanitarian.

This group consists of 8 key members who regularly are in the helm of affairs concerning the activities of Jagriti. Apart from these key members there are other volunteers who contribute as and when required during the execution of any program initiated by this group.

Since inception what activities you have undertaken? What are the ground level initiatives taken by your members to be the change they want to see in others.

Since the inception there have been activities undertaken in both Humanitarian and Environmental categories.

- The very first activity by the group was the donation of two cycles to the rehabilitation center for mentally retarded children named "Madhur Muskan" so that the inmates can practice and participate in the Special Games that was held in Jamshedpur.
- We conducted awareness cum entertainment program for a non aided Government school run for providing education for poor children whose parents work as maid servants and daily wage laborers in the colonies of Mecon, SAIL, AG office etc. Tree saplings were planted and students participated in several games and interactive sessions. The event was successful in which the school authorities fully cooperated and after seeing the enthusiasm of children we took some classes for their exam preparation in the school premises.
- A cloth donation program was done for the slum dwellers around Mecon Colony where more than 150 clothes were collected from all the residents of Mecon Colony and distributed among the children and adults of the slum. As a part of this activity a detailed report of the residents of the slum was made wherein the number of houses, name of residents, number of members in each house, the common facilities like sanitation, electricity, water etc they do not have and those which they require for proper living were all noted. Jagriti is also planning to provide solar lanterns for the children of this slum so that they can study in the night which they cannot do due to lack of electricity.
- For the awareness of masses towards environment, climate change and global warming a movie 'HOME' was screened for the people in and around Mecon colony. The movie gave an insight into the dark days we all are about to experience in near future because of global warming and our incessant use of energy and its wastage.
- For the awareness of school children towards environment and wastage in particular, a movie 'WALL-E' was screened for the students of JVM School, Shyamali.
- As our part of composting and utilization of our domestic waste, we have dug a disposal pit at ISPAT club which uses the daily waste from the restaurant of the club and the same will be used as manure for the gardening purpose at club premises.
- We have organised a poster/painting competition in the three schools nearby to Shyamali Colony for the students as a part of our awareness programme among the children so that the motive can be routed right through the grass root level. The three schools were JVM, Shyamali, DAV, Shyamali and St. Anthony. We have received a good response and the purpose of awareness among the children was a success.
- Recently an exhibition 'Nearer to Nature' was organized along with Ispat Club, Mecon. The exhibition highlighted on simple techniques and activities we all can adopt without compromising our comfort level to save energy, minimize wastages, recycle products etc. The event turned out to be a success as more than 300 people came and interacted and learnt many things related to home energy management, composting at home, car pooling, rain water harvesting, benefits of cycling etc. Free plant saplings were provided to many individuals who visited the exhibition.

The key members of this group themselves have undertaken several changes they want to aware people about. Many members have bought cycles and intend to dedicate one day every week to travel to office by these cycles. A cycle group has been formed by Jagriti in which many employees of Mecon have shown interest.

All the members have switched to energy saving lamps at their homes and adopted energy saving techniques for the electrical appliances they use. Similarly uses of water as per need and requirement, using less and less polythenes, reducing wastes generated at home are some of the principles adopted by the members.

How do you manage funds required for your activities

All the members contribute Rs 250 per month for all the activities and we have not faced any financial obstruction till date. We have been helped by seniors in Mecon for many of our activities, like Mr. B. K. Samal, one of our senior DGMs and also the



Sitting : Meenakshi Malviya; Bratati Goswami
Standing L to R: Surajeet Dutta; Louis Doley; Paritosh Padha; Roumya Darshan Ray; Abhay Kumar; Vishal Nagpurkar

Ispat Club Secretary has always lend his full support both in organizing events in Ispat Club and also contributing financially.

Recently you had organized an Exhibition 'Nearer to Nature' at Ranchi where in IAEMP also had put up a stall: Are you satisfied with the out come with respect to the participation from the exhibitors and the visitors?

The Exhibition 'Nearer to Nature' was a successful event where more than 300 people visited and interacted. One of the key stall in this exhibition was the stall on home energy management by Mr S. K. Sood, Manager, Mecon Limited and National Convener, IAEMP. All the people who visited the exhibition were given a thorough understanding of how without sacrificing their comfort level, they can save energy at home by following some simple techniques. Use of LED lamps instead of zero power lamps(as named in the market), using solar

water heaters, use of accurate rating of CFL lamps, electronic regulators in fans, proper use of thermostat in refrigerators, proper switching on and off of electrical appliances at home and many other techniques were discussed with the participants. The response was noteworthy and a prize of one LED lamp was awarded to people who gave innovative suggestions for saving energy.

Have you set up any goals with respect to measurable reductions in emissions through energy conservation and efficiency?

Mathematically 'No' but morally 'Yes'. For measurable reductions in emissions through energy conservation and efficiency we at present are moving with awareness programs and self driven schemes like using bicycles instead of bikes and cars for majority of work, using fuel properly, minimizing wastes and recycling like composting, using energy conservation techniques, saving water etc and simultaneously encouraging fellow citizens to follow.

How do you like the "HEM News published by IAEMP? Do you have any suggestion?

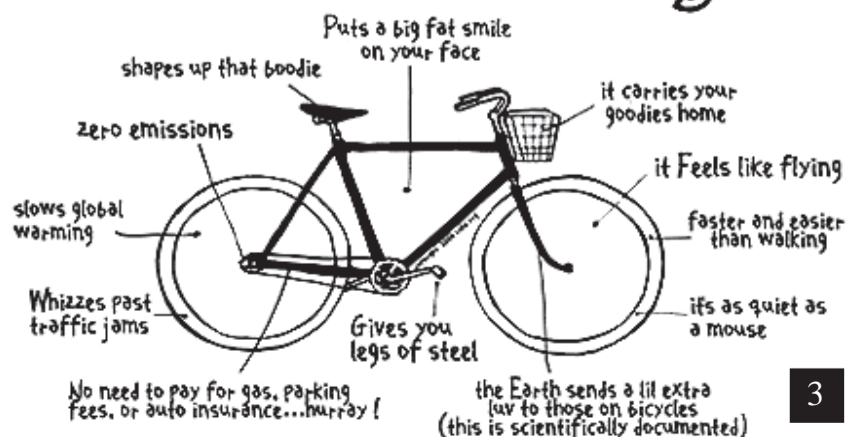
HEM News published by IAEMP is an eye opener for all of us who want to adopt energy saving at home without sacrificing our comfort level. All the members are regular readers of this monthly newsletter. This newsletter is also circulated every month electronically in MECON and is highly appreciated by one and all. Many have started following the simple techniques that are highlighted in this newsletter.

While individual initiative are welcome and must be encouraged it is a fact that substantial difference can be made with policy interventions through government agencies. Initiatives from action groups help in expediting such policy interventions. Do you have any plans to take up some of issues concerning policy matters with the concerned authorities?

It is very true that for large scale implementation of ideas and initiatives, issues concerning policy matters shall be taken up with concerned authorities and JAGRITI is duty-bound by that. For example community composting initiated by JAGRITI at Mecon colony will be taken up by the members with the Town Administration of MECON for implementation. Already schemes are being prepared and sooner we will have a meeting with the authorities. Similarly Rain water harvesting at some of the community centers in the colony is also an activity to be taken up at the management level for its implementation.

For any activity that requires implementation on large scale, modalities of the same will be chalked out and necessary steps to execute the same shall be carried out.

Benefits of a Bicycle



School, State and National Level Painting Competition on Energy Conservation-2010 for School Children

(Under National Awareness Campaign on Energy Conservation 2010)

Introduction

The Ministry of Power has launched the National Awareness Campaign in order to promote energy conservation in the country. Painting competition for students at the School, State and at National level has been included as one of the activities of the campaign, which would not only make aware the children about the need of conserving energy but at the same time would educate and involve their parents as well in the above cause. The identified activity is one of the measures, which can help in creating awareness in the domestic sector. The children studying in the standards 4th, 5th & 6th will be eligible to participate in the painting competition. The competition is being held in three stages, namely, School, State and National Level. Cash prizes worth Rs 33,000 per State/UT (Rs.11.55 lakhs for 35 States/UTs) will be distributed to state level winners on 14th November, 2010. For winners of National Competition, cash prizes worth Rs.7.00 lakhs are proposed to be awarded by the Ministry of Power on 14th December, 2010 which is also celebrated as National Energy Conservation day in the presence of eminent dignitaries holding very high positions in the Government.

The salient features of the scheme are as follows:

1. Salient features of the School level Painting Competition Scheme

- School Level Painting Competition 2010 for the students of 4th, 5th & 6th standards has been launched in all the States/UTs through an advertisement in the print media starting from 12th July, 2010 by Bureau of Energy Efficiency (BEE).
- Schools Principals are requested to organize painting competition of 2 hours duration at their Schools. Students can use any size of paper, but preferably A4 size drawing sheet, and students can pick any one of the following Theme Topics:

§ **More stars, more savings**

§ **Today's energy wastage is tomorrow's energy shortage**

§ **Energy saved is future saved**

- The children can use Crayons, Pencil Colour, Water Colour etc. The children may consider the following points while painting.

§ **Relevance of the theme depicting the selected topics**

§ **Slogan, Caption, Legend may be used for more clarity**

§ **Effective communication of message selected**

§ **Innovativeness/creativity/novel ideas/new techniques as reflected in the painting**

- Schools principals will select 2 best paintings and send them along with information on number of students participated at School level competition at the Nodal Official address of their respective State/UT by 12th October, 2010.

- The back of the painting should carry the following information:

- * Name of the Student
- * Tel/Mobile No. of Parents
- * Roll No.
- * School Name & Address
- * School Tel No
- * Signature of the School Principal
- * Father's/Mother's Name
- * Standard
- * E-mail ID of Student
- * School Located in Urban/Rural
- * STATE/UT

- All the participating students at School level painting competition will get a 'Certificate of Participation' and 1st & 2nd selected will get 'Certificate of Merit' which will be signed by School Principal and Director General – Bureau of Energy Efficiency, Ministry of Power (Government of India).

- List of the Nodal officials for all the States/UTs is given in [State Nodal Officials List](#)

- Paintings not signed by the school principal or sent directly by student's parents will not be accepted.

- Paintings are to be sent only at the address of respective Nodal Official of the State/UT and not on the addresses of Ministry of Power and Bureau of Energy Efficiency.

- This year, the paintings received from the CBSE schools, located outside India, will be considered under a separate category and the *Certificate of Appreciation* will be sent under the signature of Director General, Bureau of Energy Efficiency. These schools are requested to send two best paintings directly, along with the details as mentioned above, at the Bureau of Energy Efficiency (BEE), Sewa Bhawan, R.K.Puram, Sector-1, New Delhi-110066 (INDIA) office address.

- It is to be mentioned that those schools who would record 100% participation in the 4th, 5th and 6th standards (as applicable) at the School level Painting Competition, their names will be included in the Painting Competition booklet prepared by BEE.

- The 1st/2nd/3rd Prize winners of State level painting competition of the last 2 years (2008 & 2009) are not eligible to participate in this year competition. The Consolation Prize winners of State level Painting Competition may participate, but they would be considered for prizes if they win 1st/2nd/3rd Prize at the State level.

2. Salient features of the State level Painting Competition Scheme

- A committee/jury comprising of 4 to 5 renowned persons in Art, drawing teachers, officials from organizers and State government education department will be constituted by the Nodal officials for selecting up to 50 best paintings out of the total numbers of the paintings sent by the respective School Principal of the State/UT.

- The list of 50 selected students eligible for participation at state level painting competition will be uploaded on <http://www.energymanagertraining.com> & www.bee-india-nic.in by 5th November 2010.

- Nodal officials will also communicate with the respective school principals by 5th November, 2010 through letters, fax, telegrams, telephones, email etc. about the selection of their students and also request them to send the selected school student to participate in State level painting competition on 14th November, 2010 at the selected venue and timings. Tentatively, this venue may be the State capital.

- The selected students are also to be requested to carry the following material

- Ø ?A letter from respective school principal certifying the student's particulars or Identity Card.
- Ø ?Latest passport size Colored photograph (02 Nos).
- Ø ?Painting material: crayons, colored pencils, water colors.
- Ø ?Drawing board etc. (*The drawing sheet of size: 380 x 510 millimeters (approximately 15 x 20 inches) will be provided by the Nodal official*)

Ø ?Nodal Officials will conduct the **on-the-spot** painting competition of 2 hours duration at the predetermined venue on 14th November 2010.

- Schools/parents to bring the children to the venue and take back the children to their respective places. The selected students reporting at the venue of competition will be paid Rs 1000/- each in cash by the nodal official on the day of their participation at State level painting competition and reimburse sleeper class rail-fare/ state roadways bus fare from the shortest route for self and two guardians. The nodal official will also provide refreshments/lunch to the participating students and their guardians.

- The Committee of Experts/Jury of that particular State/UT will select 13 best paintings for

- First Prize Rs. 10,000/-
- Second Prize Rs. 8,000/-
- Third Prize Rs. 5,000/-
- Consolation Prize (10nos) Rs. 1,000/-

- The chief guest of the function would give away the prizes to winning students.

- A Group photograph of participating students along with Chief Guest and respective Nodal official will also to be arranged.**

- Students participating at State/UT level painting competition will be given some mementoes by the Nodal Officials and Certificate of participation.

3. Salient features of the National level Painting Competition Scheme

- The first, second and third prize winners of the each State/UT level painting competition along with their guardian (restricted to two adults per student), will be invited to Delhi to participate in the National Level Painting competition of 2 hours duration on 12th December, 2010

- The participating student in the National Level Painting Competition will be paid a sleeper class rail-fare/ State Roadways bus fare by the shortest route for self and two guardians and a lump sum of Rs. 1000/- per student as



incidentals by the respective Nodal Officials. Travel expenses for the North-East region and other far-flung areas where rail and bus connectivity is not available, the concerned Nodal Officials will decide alternate option of travel. The expenditure will be borne by the respective Nodal Officials.

- All the participants should carry the requisite drawing material, (*except the drawing sheet which will be provided by the Nodal official*) on their own, such as:

- Drawing paper, size: 380 x 510 millimeters (*approximately 15 x 20 inches*) (*Note: The drawing sheet will be provided by Nodal official*)
- Painting material: crayons, colored pencils, water colors.
- Drawing board, etc

- A selection committee/jury comprising of renowned personalities from Art Institutes or Artists, Ministry of Power and BEE officials, would judge the paintings. The Committee of Experts/ Jury will select 23 best paintings for First Prize (1 no) Rs. 1, 00,000/-, Second Prize (4 nos) Rs. 50,000/-, Third Prize (8nos) Rs. 25,000/- and Consolation Prize (10 nos) Rs. 10,000/- each

Director General, BEE, would also decide 10 nos of consolation prizes of Rs. 10,000/- each

- The participating students at the National level painting competition will be requested to stay back till

14th December, 2010 so that they can participate in the National Energy Conservation Day function and winning Students can receive the prizes from the Chief Guest.

4. Awards for State/UT Education Department and State/UT Nodal Officer

- Efforts of the States/UTs Government Education Departments and State/ UT Nodal Officers who have made concerted efforts to support the Painting Competition under the National Campaign for Energy Conservation of Ministry of Power will be awarded.

- A committee constituted under the Chairmanship of DG (BEE) will evaluate and finalize on the basis of highest School & Student participation and percentage improvement over the previous year for the respective State/UT.

DECLARATION

The details of the "School, State and National Level Painting Competition on Energy Conservation-2010 for School Children" as announced by the Ministry of Power (MoP) and Bureau of Energy Efficiency (BEE) are being reproduced by us to give the competition a wider publicity. This is not a paid advertisement from MoP/BEE.

This is a voluntary initiative by "HEM News" to provide guidance and ideas on the topics of the painting competition. The School Principals/Parents/Children interested in Free guidance may please contact:

Sunil Sood,
National Convener, HEMP
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Mobile: 09386778963