ज्ञान-विज्ञान सुरभि

SEW'S NEWS

YEAR 7, ISSUE 25 (QUARTERLY)

Newsletter of Scientists & Engineers Wing (SEW)

APRIL-JUNE, 2008

Seminar on Life-Excellence at Gyan Sarovar, Mount Abu

A seminar-cum-meditation retreat on Life-Excellence was organised at Academy for a Better World, Gyan Sarovar, Mt Abu, from 28th May to 1st June 2008. About 600 delegates from India and Nepal participated in it. Learned speakers from various fields threw light on different aspects of life. There were 5

To mark the inauguration of the seminar by lighting the candles are (from L to R) - Mr V S Raina.

Principal Scientist, NDRI, Karnal; BK Bharat Bhushan, Panipat; BK Vrajlal Unadkat, Rajkot; BK plenary sessions on various sarla didi, Chairperson, SEW, Ahmedabad; Mr N P Bohidar, GM (Services), Bhilai Steel Plant, themes, namely Setting purpose Bhilai; Rajyogini Dadi Ratanmohiniji, Jt Chief of Brahma Kumaris, BK Mohan Singhal, National Co-ordinator, SEW; BK Narendra Patel, Baroda; BK Mohini didi, Chairperson, Rural

of life for Excellence, Work development Wing; Dr Avtar Singh, Karnal and BK Bharat, HQ Co-ordinator, SEW, Abu Road. Excellence, Excellence in Relationship, Moving ahead with

medicine, management, education & business participated as panel member and the audience asked the questions on the subject besides contributing their views on it. There were also five concurrent interactive sessions on Holistic Excellence through Intellectual/ Emotional/ Spiritual/ Value/ Moral empowerment in which various participants also presented their

views in addition to the speakers. In a separate session, various chairpersons presented the report of their respective sessions, so that the whole audience may get a taste of the proceedings what went on in other sessions.

There were two Insight sessions also in the evening which were experience oriented and learned speakers spoke on the

(Contd on page 3

EARITH DAY - A Party for the Earth! 22md April 2008

Planet Earth has been around for a very long time. Some

Excellence - Let Go and on Health Excellence, besides one

Inaugural and one Valedictory session (Theme -

Complementarity of Science & Spirituality for Overall

Excellence). Interdisciplinary panel discussion on Factors

contributing to Excellence in my professional life was very

lively in which one expert each from science, technology,

call the planet "Mother Earth". This is a good name because the Earth provides shelter and food for our

survival, just as a mother protects and provides for her children. Even though the earth is tough and

sturdy, it is also fragile.

at all.

The Earth's "ecosystems" (ekko-sis-tems) help it to stay in balance. Imagine a picture puzzle that has been put together. The person who has the puzzle can dust it off and take care of it and it will be like new for a long time. But if the puzzle is taken apart and put back together too many times, pieces of it will be torn and bent and probably smudged. Some pieces might even be lost, and then the picture wouldn't be the same

When something damages one part of our ecosystems, it hurts the other parts.

When any living thing on Earth is having problems in surviving and continuing its species, it is endangered. If the problems are not solved, there is a chance that it might

> become extinct. When something becomes extinct, it means that it doesn't exist anymore.

Over the years, many mammals, birds, reptiles, fish, insects and plants have become extinct. Quite a few are on the

endangered list now. Could there ever come a time when Earth becomes

extinct?

Earth has always been a natural environment but, through the years, it has had to put up with what mankind's progress has done to it. Factory smokestacks pour pollution into the air; cars and other vehicles add even more fumes into the

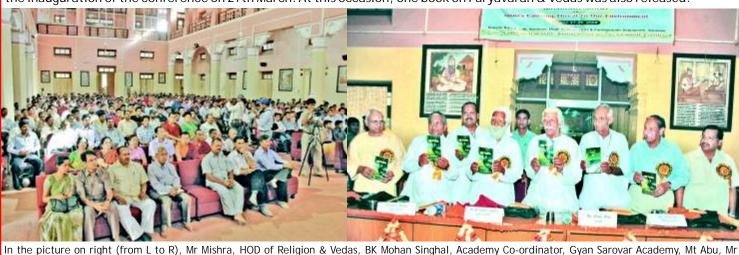
atmosphere; waste materials get dumped here and

(Contd on page 3

2 APR-JUN 2008 SEW's NEWS

International Conference on Environment at Varanasi

An International Conference on Issues causing threat to our Environment was organised at Conference Hall, BHU, Varanasi from 27th to 29th March 2008. The conference was inaugurated by eminent environmentalist, Mr Sunderlal Bahuguna ji. BK Mohan Singhal, National Co-ordinator, Scientists & Engineers Wing of RERF, Brahma Kumaris, delivered the keynote address at the inauguration of the conference on 27th March. At this occasion, one book on Paryavaran & Vedas was also released.



Sunderlal Bahuguna, Eminent environmentalist and Prof Veerbhadra Singh, Incharge, Clean Ganga Project, are seen releasing the book. In the picture on left, a view of the audience listening carefully to the speakers.

Fighting climate change: Human solidarity in a divided world

Climate change is the defining human development challenge of the 21st Century. Failure to respond to that challenge will stall and then reverse international efforts to reduce poverty. The poorest countries and most vulnerable citizens will suffer the earliest and most damaging setbacks, even though they have

contributed least to the problem. Looking to the future, no country however wealthy or powerful will be immune to the impact of global warming.

The Human Development Report 2007/2008 shows that climate change is not just a future scenario. Increased exposure to droughts, floods and storms is already destroying opportunity and reinforcing inequality. Meanwhile, there is now overwhelming scientific evidence that the world is moving towards the point at which

irreversible ecological catastrophe becomes unavoidable. Business-as-usual climate change points in a clear direction: unprecedented reversal in human development in our lifetime, and acute risks for our children and their grandchildren.

There is a window of opportunity for avoiding the

most damaging climate change impacts, but that window is closing: the world has less than a decade to change course. Actions taken or not taken in the years ahead will have a profound bearing on the future course of human development. The world lacks neither the financial resources nor the technological capabilities to

act. What is missing is a sense of urgency, human solidarity and collective interest.

As the Human Development Report 2007/2008 argues, climate change poses challenges at many levels. In a divided but ecologically interdependent world, it challenges all people to reflect upon how we manage the environment of the one thing that we share in common: planet Earth. It challenges us to reflect on social justice and human rights across countries and generations. It challenges political leaders and

people in rich nations to acknowledge their historic responsibility for the problem, and to initiate deep and early cuts in greenhouse gas emissions. Above all, it challenges the entire human community to undertake prompt and strong collective action based on shared values and a shared vision.



World Environment Day (5th June)

World Environment Day (WED) was established by the UN General Assembly in 1972 to mark the opening of the Stockholm Conference on the Human Environment. Another resolution, adopted by the General Assembly the same day,

led to the creation of UNEP. WED is observed annually in more than 100 countries, and is one of the most popular days on the UN calender.

WED is commemorated each year on 5 June in a different city. It is one of the principal vehicles through which the United Nations stimulates worldwide awareness of the environment and enhances political attention and action.

The day's agenda is to give a human face to environmental

issues; empower people to become active agents of sustainable and equitable development; promote an understanding that communities are pivotal to changing attitudes towards environmental issues; and advocate partnership which will ensure all nations and peoples enjoy a safer and more prosperous future. World Environment Day is also a popular event with colourful activities such as street rallies, bicycle parades, green concerts, essay and poster

green concerts, essay and poster competitions in schools, tree planting, as well as recycling and cleaning-up campaigns.

Last year, the main WED event was held in Norway, with the theme Melting Ice - a Hot Topic, and focused on the effects that climate change is having on polar ecosystems and communities, and the ensuing consequences around the world.

New Zealand is hosting World Environment Day 2008 in

partnership with the United Nations Environment Programme (UNEP) on June 5. Main International celebrations will be held in Wellington, the host city. *

(Photos of World Environment Day celebrations at page no. 7)

KICKING THE HABIT

The theme for World Environment Day 2008 is climate change with a focus on moving towards a low carbon economy and lifestyle. "Kick the Habit" (the 'carbon' habit) is the international slogan for the event.

The theme will also include the role of forest conservation and sustainable forestry in achieving domestic and global climate change goals.

EARTH DAY ...

(Contd from page 1)

there and everywhere; and animals and other living things lose their habitats because construction needs to take place in order to keep up with the needs of a growing population.

We have taken a natural environment and have been turning it into an un-natural one. But we can't stop progress and we know the world's population is going to get larger. However, what mankind CAN do is find better ways to help the Earth survive along with us. We have been depending on this planet for decade after decade and century after century. Now it seems that it is depending on us to make better choices and find better answers. That's what Earth Day is all about. It is a party for Mother Earth. It is also a chance to discover what each of us can do to help her stay strong and healthy.

SEMINAR-CUM-MEDITATION ...

(Contd from page 1

subjects like - Experiencing the Power of Silence, Science of Rajyoga, Ancient wisdom for Excellence and Pita Shree Brahma - Embodiment of Excellence. An exercise session on Exploring Excellence was a novelty in which participants exhibited their talents through music, poems and various other arts.

The major attraction of the programme was Meditation retreat which was conducted by experienced Rajyoga teachers daily in the morning from 6.30 to 8.00 am. An outdoor entertainment programme was also organised at Peace Park along with the sight seeing of Mt Abu which included Dilwara temples, Pandav Bhawan, Global Hospital & Research Centre etc. (For photos and details, please see page no. 4 & 5)



Lucknow: Dy. Directors of Agriculture from all the district HQ of UP (including Mr Badri Vishal, Co-ordinator. 1st from left are listening carefully to BK Mohan Singhal, Co-ordinator, Academy for a Better World, Mt Abu, who gave a presentation on Global Warming. In the picture on right are Mr V P Srivastava, Addl. Director, Agriculture; BK Indira, I/c, BK Centre, Lucknow & BK Mohan Singhal (Speaking on mike).

NEWS IN VIEWS - Seminar on Life-Excellence at Gyan Sarovar, Mount Abu from 28th May to 1st June 2008



At the inaugural session of the seminar on Life-Excellence, BK Madhuri, Rajyoga Teacher, $Bhilai, is seen \ conducting \ the \ session. \ Others \ sitting \ from \ L \ to \ R \ are - Rajyogini \ Dadi \ Ratan mohini$ ji, Joint Chief of Brahma Kumaris; Rajyogini Mohini behn ji, Chairperson, Rural development Wing (Speaking), Abu; Mr N P Bohidar, GM (Services), Bhilai Steel Plant, Bhilai, BK Mohan Singhal and Mr Madhav Adhikari, Dy MD, Panash Pharmaceuticals, Nepalganj, Nepal.



In Life Excellence Session - II on Work Excellence, speakers sitting from L to R are Mr Dr Avtar Singh, Sr Scientist, NDRI, Karnal; Mr P V Khubalkar, DGM, ONGC, Baroda; Mr C S Shah, Addl GM (QE), GSFC, Baroda and BK Jyoti, Rajyoga Teacher, Panipat.

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In Life Excellence Session - IV on Moving with Excellence- Let Go, BK Poonam, Sr Rajyoga Teacher, Jaipur, is seen speaking. Others sitting from L to R are BK Ashok Gaba, National Co-ordinator, SSW, Abu; BK Prachi, Rajyoga Teacher, Bhilai; Mr S K Goel, DGM, NFL, Panipat and BK Suresh Gupta, Exe member, SEW, Delhi.



Rajyogi BK Nirwair bhai, Secretary General, Brahma Kumaris, Abu is seen speaking in the Insight Session on Exploring Power of Silence. BK Bharat Bhushan is sitting on the right.



In Life Excellence Session - I on Setting purpose of Life for Excellence, BK Ravikala, Sr Rajyoga Teacher, Abu is speaking - sitting from L to R are Mr B K Karecha, GM, BSNL, Udaipur & Sirohi; BK E V Swaminathan, Consultant, HRD, Mumbai & BK Tarlika, Sr Rajyoga Teacher, Baroda



BK Pius, Computer Engineer, Delhi is seen speaking in Life Excellence Session - III on Excellence in Relationship. Others from L to R are BK Narendra Patel, Exe member, SEW, Baroda; Mr N P Bohidar, GM (Services), Bhilai; BK Bharat Bhushan, Exe member, SEW, Panipat & BK (Dr) Niranjana, Sr Rajyoga Teacher, Baroda.



In Life Excellence Session -V on H ealth Excellence, BK (Dr) Usha Kiran, Prof & Head, Cardiac, Anaesthesia, AIIMS, Delhi, is seen speaking. Others sitting from L to R are BK (Dr) Savita, Sr Rajyoga Teacher, Abu and Dr Satish Gupta, Consultant (Cardiology), GHRC, Abu Road.



Rajyogi BK Mahendra bhai, Chairperson, Administrative Services Wing is seen speaking in the Insight session on Pita Shree Brahma - Embodiment of Excellence. To the left is BK Nanda. Rajyoga Teacher, Ahmedabad and to the right are BK Mohan Singhal, National Co-ordinator, SEW, Abu and BK Prachi, Rajyoga Teacher, Bhilai.



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In the Panel Discussion on Factors contributing to Excellence in my Professional Life, BK Arun is seen speaking. Others sitting from L to R are Mr Sudhir Deshmukh, Principal, JLN Engg College, Aurangabad; Mr Ravindra Mago, Ex GM, NPC, Mumbai; Mr K C Swain, GM (Tech), Panipat Refinary, Panipat; Dr Pratap Midha, Supdt, GHRC, Abu; Mr Manoj Kumar, AD, Heavy Water Board, DAE, Mumbai and Mr Madhusudan Sharma, ED, Image Lab, Nepalganj, Nepal.



In Stream - II, Dr V S Raina, Principal Scientist, NDRI, Karnal, is speaking. Others sitting from L to R are BK Uma, Rajyoga Teacher, Balotra; BK Ved Vyas, Scientific Officer 'E', BARC, Mumbai and Dr C Loganathan, Prof, Mech Engineer, Engineering College, Trichi.



In Stream - IV, BK Kumar Singh, Exe member, SEW, Mumbai, is seen speaking. Sitting from L to R are BK Falguni, Rajyoga Teacher, ORC, Delhi; BK Shashibala, Image Analyst, Remote Sensing, Imphal; Mr R K Sama, Project Mng, WASMO, Gandhinagar, Mr L K Pothal, GM (Quality), Piaggio Vehicles, Baramati and Dr A C Raghuram, Scientist 'G' (Rtd), NAL, Bangalore



In the Outcome of Concurrent Sessions seated from L to R are Dr A C Raghuram, Mr S S Handa, Mr V J Unadkat, Mr V P Srivastava and BK Mahesh Shah.



BK Riten, Sr Analyst, Baroda, is sepaking in Stream - I. Others from L to R are Mr C Seshasai, $DGM, Heavy\ Water\ Plant, Manuguru\ (AP); Mr\ S\ S\ Handa\ of\ ISI,\ Delhi;\ BK\ Tarlika\ behn,\ I/c\ Baroda$ Centre; Mr N D Kaushik, Director (R&D), BVCOE, Delhi & Mr L I Singh, EE, PWD, Imphal.



In Stream - III, sitting from L to R are BK Kamlesh Shah, Engineer & Architect, Baroda; Mr S K Tiwari, DGM, Bhilai Steel Plant, Bhilai, Mr V P Srivastava, Addl Director (Ag), UP, Lucknow and Dr P J Rao, Principal Scientist (Retd), IARI, New Delhi. Mr Nigam, ED (Rtd), IPCL (not in pic. presented the paper).



Mr A K Rai, Chief Manager, Utility Power Tech Ltd, Noida, is speaking in Stream - V. Others sitting from L to R are BK Sonu, Rajyoga Teacher, Jalore and BK Mahesh Shah, System Manager, SVIM,



In the Valedictory Session, seated from L to R are BK Mohan Singhal, Mr P H Rana, Chairman Paschim Gujarat Electricity Co Ltd, Baroda; BK Avadhesh behn, I/c, MP (Bhopal) Zone of BK Centres; BK Karuna, Chief of Multimedia, Brahma Kumaris, Abu and BK Golo Pilz, Consultant, Alternate Energy Resources, Brahma Kumaris, Abu.

YEAR OF INDUSTRIAL SAFETY & HEALTH - 2008

The Safety & Health are the two important elements of work place without which, existence of any industry is impossible. Accidents at the place of work result in injuries, fatalities and property losses, which needs to be avoided at all costs. Hence declared the year 2008 as the Year of Industrial Safety & Health on 28th April 2008. Incidently, the day of the announcement coincides with successful completion of sixty years of promulgation and implementation of the Factories Act 1948. April 28,



Surat: At the inauguration of the seminar on Holistic approach to achieve Excellence in Safety & Health lighting the lamps are (from L to R) - BK Mohan Singhal, Abu; Mr Arunbhai Jariwala, Industrialist, Surat; Mr N D Joshiyara, Director, DISH; BK Sonal, I/c Brahma Kumaris, Surat & Mr Chaudhary.

Inauguration of the seminar at Baroda, lighting the candles are (from L to R) - Mr P T Shah, Hon Secretary, GSC; BK Mohan Singhal, Mt Abu; Mr N D Joshiyara, Director, DISH; Mr S K Anand, Consultant, Reliance Industries; Mr K K Patel, Jt Director (DISH), Baroda; Dr Niranjana, Baroda; Dr Savita, Mt Abu; BK Tarlika, Baroda; all Senior Rajyoga Teachers.

it becomes the primary responsibility of all the stake holders to protect the safety and health of the workers.

Developments, innovations a n d technological advancements in the recent years have added dimensions industrial operations and production processes, altering the

maintenance.

industrial enviornment with new complexities with its implications for occupational safety, health and environmental issues. There is an increasing realisation in Industry today that Safety, Quality & Productivity go hand in hand and contribute to business profitability. Many organisations are aligning and integrating safety & health functions with other management functions like production &

To overcome the emerging needs, consistent with the growing diversity and complexities of Safety, Health & Environment risks in industries, Ministry of Labour & Employment, Government of India, has



Rajkot: Kutch-Saurashtra Productivity Council, Directorate of Industrial Safety & Health (DISH), Gujarat and Scientists & Engineers Wing of Brahma Kumaris jointly organised the seminar & exhibition at Rajkot on 20th May 2008. The seminar was inaugurated by Mr Vajubhai Vala, Finance Minister of Gujarat by lighting the lamp. Others in picture are BK Bharti behn (lighting the Jamp), Centre I/c, Rajkot: Mr N D Joshiyara, Director, DISH; Mr Vinodbhai Doshi, CMD, H J Steel, Rajkot; Mr Hasubhai Dave, President, Kutch-Saurashtra Productivity Council and Mr Patel, Jt Director, DISH, Rajkot.

Industrial Safety & Health is a new beginning and a measure of commitment to ensure safety & health to all the industrial workers. In this context, Scientists & Engineers Wing (SEW) of Rajyoga **Education & Research** Foundation and the Directorate of Industrial Safety & Health (DISH), Gujarat have taken a lead and jointly organised

being the International

Safety Day, the day of

beginning for observing

year 2008 as the year of

Fourthcoming Event

A National Convention of Scientists & Engineers on Re-opening Third Eye for Life's beauty is scheduled at Shantivan, Abu Road from 13th to 17th September 2008. Interested participants may send their registration forms, through local BK Centres.

Seminars in four major cities of Gujarat namely Baroda, Surat, Rajkot and Ahmedabad. Three Seminars titled Holistic approach to achieve Excellence in Safety & Health have already been organised at Surat (9th May), Baroda (10th May), and Rajkot (20th May) which were attended by large numbers of delegates working in safety, environment, health &

various other departments of Industries in Gujarat. The last programme in this series is to be held at Ahmedabad on 25th June 2008 at Tagore Hall, near Sanskar Kendra, Paladi. *

World Environment Day (WED) celebrated at Reliance Industries and GSFC, Baroda



Mr S K Anand, Consultant, Reliance Industries, Baroda, felicitating BK Mohan Singhal from Mount Abu by presenting a Shawl to him after he delivered a keynote address on 5th June, World Environment Day at the auditorium of the company. Before the address Mr Singhal inaugurated an exhibition of drawings made by school children on Environment. In the picture on the right, Mr Singhal is seen viewing the exhibition along with Senior Officers of Reliance Industry.



A View of the audience of senior & middle management officers of Reliance Industries listening to BK Mohan Singhal from Mount Abu at the auditorium.



WED celebrations at GSFC, Baroda. Seated from L to R are Mr D M Butala, ED, GSFC; Mr C R Rao, Sp Director, GSFC; BK Mohan Singhal, National Co-ordinator, SEW, Brahma Kumaris, Mt Abu (who delivered the keynote address); Mr M B Parekh, GM & Ms Sunita Singh, Mgr - EC speaking on the dias.

Management & other programmes at Indian Iron & Steel Co. (IISCO), Burnpur

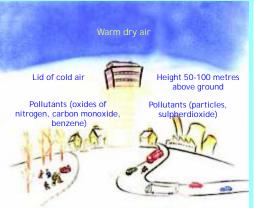
A series of programmes were organized at IISCO, Burnpur, West Bengal, a unit of SAIL. The workshops on variety of themes for different segments of people were organized in the packed auditorium- Confluence with active involvement of HR Department of IISCO. The topics covered were Strategy for Success for students, Managing Pressure with Pleasure for middle level Executives. Work-Life Balance for senior Executives, True-Empowerment for women, Positive Attitude for Cultivating Excellence (PACE) for nonexecutives, Living Values in Education for teachers, Quality of Life for general public etc. Faculties from Bhilai comprising BK Prachi, BK Madhuri, BK Arun Sahoo, contributed in these programmes. Bro Nilotpal Roy, Managing Director of IISCO, Sister Sushmita, President Mahila Samiti, put great effort in making these programmes a great success. All the participants were given specially designed value-cards, Blessing cards, JAM cards etc. The participants took keen interest in different programmes and some of them registered themselves for learning seven-days course on Rajyoga Meditation.

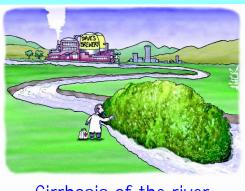




Bhilai: BK Prachi interacting with executives of BHEL & NTPC during a session on Values - Why & How?

Cartoon Corner









Miscellaneous Services at Various Places



Cuttack: Lighting the lamps to inaugurate National Conference on Recent trends in Rice Pest Management in Central Rice Research Institute (CRRI), largest institute in Asia, are (L to R)- Prof Om Bombawalla, Director, NCIPM, New Delhi; Dr J N Rao, Director, CRRI, Cuttack; Prof B V David, President, Sun Agro India, Chennai; Prof B Senapati, Ex VC, OVAT, BBSR; BK Kuldeep, I/c Brahma Kumaris, College Square, Cuttack and Dr A Prakash, HOD, Entomology, CRRI, Cuttack.



Baroda: Inaugurating the conference on Building a Safety Culture by lighting the lamps are (from L to R)- Mr Ramanbhai Patel, Chairman, GSC, Dr P T Shah, Hon.Sec., GSC; BK Bharat Bhushan, Exe.member, SEW, Panipat; Smt.Paru Jaikishan, President GCCI, Ahmedabad; Mr Rajeev Topno, Collector, Baroda and Mr N D Joshiyara, Director, Industrial Safety & Health (DISH), Gujarat.



Delhi: Mr T Shankarlingam, Chairman, NTPC is seen reading an invitation extended by BK Pius of Lodhi Road, Delhi for attending a programme.



Baroda: Mr P V Khubalkar, DGM, ONGC, Baroda, is speaking on Effective Mockdrill at the occasion of Safety Week Celebration (4th March) at GSFC.



Baroda: Mr M B Parekh, GM, GSFC: Rajyogi BK Swaminathan, HRD Consultant, Mumbai and Mr G M Patel, Factory Manager are seen at the occasion of National Safety Day Celebration (4th March). BK Swaminathan delivered speech on Emotional Intelligence & Safety. The photo on right shows about 250 technical officers enjoying the session.

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