

## GREEN PLANET MANTRA LAUNCHED ON 15<sup>TH</sup> JUNE, 2016 ON THE OCCASION OF GLOBAL WIND DAY



**Green Planet Mantra (GPM)** is a quarterly environmental journal designed to create awareness about the several interrelated and interconnected aspects of environment. This magazine is designed to improve and enhance the understanding of the academicians, students and individuals about the different facets of environment such as climate change, renewable energy, sustainable agriculture and so on. It will provide an opportunity to develop holistic overview about their surroundings in which

they are living.

It has become vital for the future generations of India to understand the dangers of Global Warming and its long-term impacts on the human beings. Despite significant steps taken by the Government for the growth of the environmental conditions and renewable energy sector in the country, it is felt that the young students, youths and individuals do not have a proper understanding of these important sectors. The concept of renewable agriculture is also taking shape world-wide and certain states across India are adopting the renewable or sustainable agricultural technology.

This initiative is taken by Shreeranya Renewable India Pvt Ltd, which is a research based firm, backed by the researchers of the premier academic institutions such as JNU, DU and so on and industry experts.

Introducing the concept, technology and developments in the sector is a pioneering initiative to spread awareness and knowledge among academicians, students and general public.

Contents of the thirty-two page journal are, Overview of Climate Change, Causes Responsible for Climate Change, Climate Change: Impacts & Consequences In India, Global and Domestic Efforts to Combat Climate Change, Climate Change Negotiations and Agreements, Paris Agreement at a Glance, Climate Change, Unplanned Development and Disasters in India, Climate Change in Media, What you can do and Green Quizz.

Forthcoming issue will be focused on Green Energy technologies and applications. All ideas and contributions from academicians, students and individuals are welcome. Please send your articles, paintings, photographs or illustrations related to Renewable Energy, Energy Efficiency, Renewable Agriculture, Renewable & Natural Resources, etc to [riya@shreeranya.in](mailto:riya@shreeranya.in). We will publish the same along with your name and institution name after approval of the editorial team.

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## A STATION IN HIMALAYAS TO STUDY CLIMATE CHANGE

Source: The Hindu, June 27, 2016



Glaciologists are studying Himalayan glaciers to understand the impacts of climate change in the polar climate and its connection to the Indian monsoon.

A team of glaciologists from the National Centre for Antarctic and Ocean Research, Goa, led by Paramanand Sharma, has already scaled over 4,500 metre to set up a research station on the icy terrain. The station would have several automated research facilities to detect the changes in glaciers, and glacial melt-water.

The scientists will be looking into various aspects of climate change and the present status and future stability of

glaciers from the Himalayas. Scientists will be undertaking an integrated study on the health and fate of benchmark glaciers from the Chandra basin (part of the Indus river basin) in Lahaul-Spiti valley, Himachal Pradesh, Western Himalaya, he explained.

The newly established station would be one of the few high-altitude research facilities in the Himalayas that would help the scientists to study the region throughout the year. The inclement and challenging weather with extreme cold and windy conditions and the low availability of oxygen at the dizzy altitudes make the task of the scientists a challenging one, explained Thamban Meloth, the leader of the Cryosphere and Climate project funded by the Ministry of Earth Sciences. [Read more.....](#)

## ANOTHER REASON WHY GLOBAL WARMING IS A CONCERN, IT TRIGGERS VIOLENCE

Source : Hindustan Times, Jun 26, 2016



Hot climate and less variation in seasonal temperatures can contribute to an increase in aggression and violence, finds a new study.

According to the model that explains the link between climate and crime rates, a rise in temperature leads to a faster life strategy, less focus on the future and less self-control — all of which trigger violence.

Many studies have shown that levels of violence and aggression are higher in hot climates, but the lead explanations of why this is so are not satisfactory, according to the researchers.

So they developed the new model CLASH (Climate Aggression, and Self-control in Humans) that they believe can help explain the impact of climate on rates of violence in different parts of the world.

“Climate shapes how people live, it affects the culture in ways that we don’t think about in our daily lives,” said co-author of the study Brad Bushman, Professor of Communication and Psychology at The Ohio State University in the US.

“We believe CLASH can help account for differences in aggression and violence both within and between countries around the world,” he said.

The General Aggression Model suggests hot temperatures make people uncomfortable and irritated, making them more aggressive. [Read more.....](#)

## INDIA RECOGNISES URGENCY OF CLIMATE CHANGE, COMMITS TO JOIN PARIS CLIMATE PACT THIS YEAR

Source: Business Insider India, Jun 8, 2016

India has agreed to work toward joining the Paris Agreement on climate change this year, India and the United States said on Tuesday, giving a jolt of momentum to the international fight to curb global warming .

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At a time of heightened tensions in Asia over China's assertive pursuit of cooperation and outlined principles for cooperation on cyber issues.

President Barack Obama welcomed Indian Prime Minister Narendra Modi to the White House for their seventh meeting since Modi took office in 2014, underscoring the warm relationship between the leaders and the world's two largest democracies. Modi is to address the U.S. Congress on Wednesday.

"We discussed how we can, as quickly as possible, bring the Paris Agreement into force," Obama told reporters. Climate change is a legacy issue for the U.S. president who leaves office in January.

India's potential entrance into the agreement this year would help accelerate its enactment, perhaps years ahead of schedule. India is the world's third-largest greenhouse gas emitter after China and the United States. [Read more.....](#)

## CAPACITY FOR RENEWABLE ENERGY IN INDIA HITS 42,850 MW; SURPASSES CAPACITY OF HYDEL PROJECTS

Source: The Economic Times, Jun 10, 2016



NEW DELHI: India's quest for green energy has crossed a major milestone, with renewable plants, mainly wind and solar, surpassing the capacity of large hydroelectricity projects, which were once the country's biggest source of electricity and regarded as "temples of modern India".

The total capacity of renewable energy projects expanded to 42,850 megawatts, overtaking hydropower that stood at 42,783 mw, out of the country's total capacity of about 3 lakh MW on April 30, as per the latest assessment of the Central Electricity Authority. However, the country still depends primarily on thermal power, which has a much higher installed capacity.

Supply from renewable plants depends on sunshine or wind, which are not consistently available. Nevertheless, officials said the surge in renewable capacity marks a significant structural change in the energy landscape of India, which has emerged as the world's fastest-growing renewable energy market that has companies from Finland and South Africa participating in auctions for solar-powered projects. [Read more.....](#)

## INDIA GLOBAL 5TH IN GREEN ENERGY JOBS, CHINA ON TOP

Source: Business Standard, May 25, 2016



India ranks fifth in the world in renewable energy (RE) job creation, with 416,000 employed in the sector during 2015. In the world, 8.1 million persons are employed in the clean energy space. China tops the list with 3.5 million, followed by Brazil with 918,000.

According to the International Renewable Energy Agency's (Irena) Annual Review 2016, there was a five per cent increase over a year before in the sector, with new jobs being created even as employment in the broader energy sector falls. "This increase is being driven by declining RE technology costs and enabling policy frameworks. We expect this trend to continue as the business case for renewables strengthens and as countries move to achieve their climate targets agreed in (the) Paris (agreement)," said Adnan Z Amin, director-general of Irena. (CREATING MORE JOBS THAN FOSSIL

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## SUSTAINABLE AGRICULTURE: A NEW ANAND COOPERATIVE MODEL – THIS TIME, IN SOLAR FARMING

Source: The Indian Express, May 19, 2016

Written: Tushaar Shah, Neha Durga, Omkar Jani &amp; Akhilesh Magal



Last week, a Solar Pump Irrigators' Cooperative Enterprise (SPICE) was up and running in Dhundi, a village in Gujarat's Anand district. Members of this cooperative — the first of its kind in the world — are using solar power not only to run irrigation pumps, but also pool their surplus energy to sell to the Madhya Gujarat Vij Company Ltd (MGVCL) at Rs 4.63/unit under a 25-year power purchase agreement (PPA).

The Dhundi SPICE's six solar pumps, having an aggregate capacity of 56.4 kilowatts (kW), can generate nearly 85,000 units (kilowatt-hours) of energy annually, assuming 5 units per kW on an average daily over 300 sunny days. Of this, the six farmer-members would use 40,000 units for watering their total seven acres land and inject the balance 45,000 units into the grid, grossing over Rs 2 lakh revenues from power sales to the distribution company or Discom.

Under the PPA contract, the six farmers have surrendered their right to apply for grid power connections for 25 years. Solar power for them comes much cheaper than diesel — roughly 3,600 litres are required to produce 40,000 units — and is also more reliable than subsidised grid power that is available for only 7-8 hours daily, with voltage fluctuations and during night-time in half of the days every month. Solar power, by contrast, is uninterrupted, predictable, available during daytime, and free of cost. [Read more.....](#)

## INDIA NEEDS TO UPGRADE THE CONVENTIONAL EDUCATION FRAMEWORK

Source: Business World, 28 June, 2016 by Ajay Chhangani

"Today the world focuses on trade in goods but in future the core issue will be how to get skilled people. We need to work in this direction" - Prime Minister Narendra Modi

India is embarking on the journey of achieving progress in the living standard of people, transforming into a diverse, internationally-competitive economy. PM Modi's precocious vision only highlights the fact that Skill Development is one of the essential ingredients for a country's future economic growth, and is going to be the defining element in India's growth story.

India is not new to Vocational Education and Skill Training. There are many centers and training organizations that work to enrich the lives of youth and provide skill training in sectors such as Automotive, Constructions, Travel & Tourism, Garment, etc., turning them into employable individuals. However, there still exists a gap between the high count of unemployed unskilled youth and incapacities of existing formal training centers, that we need to address.

Utilizing the dominant resource of unskilled labour should be a high priority at the moment as a skilled Indian workforce will not only aid the motives of "Make in India", but the surplus skilled labours will be able to coincide with labour shortage across the globe. Thus, racing for 'Skill India' is the much needed leap for Indian and overseas job market. [Read more.....](#)

## WHY INDIA NEEDS A NEW EDUCATION POLICY

Source: India Today, June 23, 2016, By TSR Subramanian



The 1986 National Policy on Education, as reviewed in 1992, has been the guiding document of the central government on the education sector for over two decades now. This was preceded by the National Policy on Education, 1968, the first post-Independence articulation of a national education policy. Indeed, even during the British period, the Wardha Education Scheme (Nai Talim of Mahatma Gandhi) had in 1938 worked out a 'national policy' and had recommended it for adoption by provincial governments. The CABE Committee's 1944 Report on 'Post-war plan for educational development in India' (the Sargent Plan), sought to 'Indianise' education, universalise primary education and improve overall quality.

The 1986-'92 policy, though robust in concept and orientation, has not delivered acceptable outcomes in the education sector. Despite the stated priority and the launch of a plethora of programmes, [Read more.....](#)

## Green Planet Mantra: Advertising Rates

(As per our company policy we will carry only four advertisement per issue)

All advertisements are on a first-come, first-served basis. Premium position and spread pricing is for four-color. Specific page placement within the magazine is also available at a premium.

Number of insertions	1 X	2 X	4 X
Premium position	Rupees	Rupees	Rupees
Inside Front Cover (Four-Colour 8.5" X 11")	1,00,000	1,75,000	3,00,000
Inside Back Cover (Four-Colour – 8.5" X 11")	75,000	1,20,000	2,00,000
Back Cover (Four-Colour 8.5" X 11")	1,00,000	1,75,000	3,00,000
Two Page Spread (Four-Colour 17" X 11")	1,75,000	3,00,000	5,25,000
Half Page Spread (Four-Colour 17" X 5.5")	1,00,000	1,75,000	3,00,000

### General Specifications of Ads:

Coreldraw (convert to curve), EPS, PDF, TIF & JPG with high resolution and CMYK color.

### Discounts and Payment

- A 15% discount on space and colour will be earned on display ads for electronic files submitted within our specifications. Gross rate will apply to ads which need alterations or reformatting.
- Net due within 30 days of billing to receive discount.
- New advertisers will be required to prepay for their first two ads upfront.
- Ad creation services available

### Green Planet Mantra: Subscription Rates

- Single copy cost of the GPM is Rs. 150/-
- Annual Subscription of GPM is Rs. 600/-
- Multiple copy (at least 25 copies) of GPM is 140/- per copy
- Multiple copy Annual Subscription (at least 25 copies) of GPM is 12,000/-



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