

SOLAR ENERGY

Conventional sources of energy like coal, gas, petroleum etc. are proving to be harmful to the environment along with being limited in quantity. In such a situation, it is necessary that such non-conventional sources of energy should be developed rapidly, which are not wasted and they are also not polluting. The Standing Committee on Energy Affairs in its report tabled in Parliament has said that the central government has not been able to meet the target of implementing seventy percent of renewable energy schemes in the country. So far only twenty percent solar parks have been developed.

According to this report, the central government had set a target of generating forty gigawatts of solar power by the year 2022 through more than fifty solar parks and ultra mega solar power projects. The Standing Committee report states that so far only seventeen states have been granted approval for setting up forty nine solar power parks with a capacity of twenty two thousand eight hundred and ninety nine MW out of a total of fifty solar parks. Out of these, the infrastructure of only eight parks has been fully developed, which has the capacity to generate only six thousand five hundred and eighty MW of solar power. In addition four solar parks have been partially developed, which have solar The power generation capacity is being told as one thousand three hundred and sixty five MW.

However, during the discussion on the 'Energy Conservation (Amendment) Bill, 2022' in the Lok Sabha, Power, New and Renewable Energy Minister RK Singh recently told that the Government of India is working towards becoming self-reliant in energy production with concern for the environment and renewable energy. Large economies and developed countries are also behind India in achieving the target of production.

The Energy Conservation Bill contains proposals for modern energy efficiency, creating green and sustainable electricity usage standards for large buildings, which can be changed by the state government. The Bill provides for meeting energy requirements from renewable sources for buildings with an electricity connection of at least one hundred kilowatts.

The government believes that all countries are ready to deal with climate change and rising global temperatures. We want to reduce the emissions of carbon dioxide and greenhouse gases, and under this resolution, the campaign has started towards adopting renewable energy and clean energy. At the United Nations International Conference on Climate Change (COP-21) held in Paris, India had decided that by 2030, forty per cent of its electricity generation capacity would be met from non-fossil fuel sources such as renewable energy and clean energy. Under this, the government is also promoting charging of electric vehicles with renewable energy engaged in The major challenge before the government is to eliminate dependence on imports of petroleum products and coal. In fact, traditional sources of energy like coal, gas, petroleum etc. are proving to be harmful to the environment along with being limited in quantity.

In such a situation, it is very important that such non-conventional sources of energy should be developed rapidly, which do not decay and are also not polluting.



OFF 'D' CUFF

Key Points to Healing

As humans, in this long journey called life, we often suffer from physical, mental, emotional or spiritual illnesses. While physical or mental illnesses can be cured by going to a doctor and taking medicines, one often finds that emotional or spiritual illnesses have no easy resolution. And all spiritual or emotional issues eventually percolate down to the body and mind, and the body and mind mirror the inner deep issues of the emotional or spiritual body. The body or mind alerts us to a deeper malady, and often forces us to drop everything and look for healing or cure. We often visit the doctor, undergo tests and take medications, which can either take away the symptoms of our disease, or can suppress the disease. Very few illnesses, like infection, actually can be fully cured. For the rest of the illness of the body or mind, be it diabetes, hypertension, arthritis, brain disease or psychiatric issues, there is only long term control, rarely a cure.

But what if these physical conditions, from common cold to cancer, were nothing but an indicator of a deeper wound or block which we have been denying, and the block, in order to resolve, extends to the body or mind, as a disease? Does it not make sense, then, to go to the root of the problem and resolve it at that level, so that we don't have to struggle all our lives, taking medicines, undergoing tests and facing restrictions?

If we are to heal from our deeper issues, we need to follow 3 key points

1. The disease or malady, or financial situation or relationship issue, is a reflection of what is going on inside us. There is a need in place, that is keeping us ill. If we can identify that need, and make our need to heal bigger than that need, we can well be on the way to healing. For example, a lot of us hold on

■ OMKAR DATTATRAY

The politics of Bihar is struck again by the virus of severing political relations with the coalition partners so as to lead to not only the fall of the incumbent government of Nitesh Kumar but also led to the anointment of Nitesh Kumar as the new Chief Minister of Bihar. It is not for the first time that Nitesh Kumar has pulled out of the coalition government and therefore his move to quite the NDA alliance is not something unprecedented but the Sushasan Babu and the Pultimor leader are the true epithet and soubriquet used to describe the personality of the Bihar Chief Minister Nitesh Kumar and what he has done again is not something new and does not surprise the political pundits and the general public.

During the four decades of his political career Nitesh Kumar had pulled out of the coalition governments five times for satisfying his political interests.

He has been nursing the dream and ambition of becoming the prime minister of the country and so has he joined and cobbled an alliance with the BJP but now he has broken his alliance with the BJP and this resulted in toppling down of his coalition government with NDA and he met the governor and put forward the support of 146 members of the legislative assembly to his new Gathbandhan and staked the claim to form a new government with his arch rival Laloo Prasad son Tejaswi Yadav. Thus Nitesh seems to be comfortable with his life time opponent party RJD and congress as well as the outside support of the left parties to cobble a coalition government in Bihar.

There is a big political circus going on in the politics of Bihar and the developments suggest and confirm that there are no permanent friends and foes in politics and politics makes strange bed fellows and thus has the Nitesh chosen to head a coalition of the hitherto unknown Mahagathbandhan government in Bihar.

Thus, has Nitesh given a big shock and jerk to his friend and coalition partner BJP and it was because of his support and alliance with the NDA, that he nursed the dream of becoming the prime minister of the country. Therefore Nitesh has been successful in the short run to occupy the coveted post of the chief minister of the Bihar but his dream of becoming prime minister got a set back because of his severing the relations with his one time friend, BJP's Giriraj Singh, a cabinet minister of NDA government of Modi has rightly tweeted that Laloo Prasad Yadav had tweeted in the past that Nitesh Kumar is a snake and said that now the snake has entered the house of Laloo Yadav. Therefore Tejaswi Yadav was inducted the deputy chief minister in the new coalition government and he should take every step with great care and caution as according to his father he is playing with a serpent and so he should

save himself from snake bite.

Now that Tejaswi Yadav was anointed the deputy chief minister in the new coalition cabinet of the Gathbandhan government of Nitesh Kumar so he is in a sense protecting himself from the snake bite and trying to make himself snake resistant. The BJP and NDA has lambasted Nitesh Kumar for parting ways from NDA and they have accused him of betraying the mandate of the people as in the assembly elections of 2020 the people of the Bihar have voted in favour of the JDU-BJP alliance and now backing from the coalition of the JDU-BJP amounts to breach of trust and the people of Bihar will teach a lesson to Sushasan Babu in the assembly elections which are far from now. But the memory of the people is not fragile and short and they will in all probability vote against the JDU as Nitesh Kumar has dishonored the mandate of the people of Bihar and therefore he will be shown the door in the assembly elections though these are too far from now.

As already pointed out that it is not for the first time that Nitesh Kumar has parted ways and relations with the NDA and other parties but he is habitual of making and breaking coalition governments.

In fact Nitesh has mastered the art of breaking coalition governments perfectly and therefore his behavior does not surprise anyone.

But the people in a democracy are the ultimate sovereigns and they watch all the developments closely and they will proclaim their decision through vote in the assembly elections and will show Nitesh his place and will in fact disown him because of dishonoring the mandate of the people.

Nitesh Kumar has taken oath for eight times as the chief minister of Bihar and now he has taken oath for the eighth times.

Nitesh is infamous for making and breaking alliances and because of this trait of his personality, his image has lowered to abysmal low and his vote percentage and the number of elected legislators is declining election after election and therefore the often parting of the ways and breaking alliance is bound to backfire and it will be counterproductive for the future of RJD and so Nitesh should mend his way and approach of doing coalition politics so that his time and again decision of breaking the alliances will not affect his political fortunes.

The eyes of Nitesh Kumar are on the general elections of 2024 and he said this after he took the oath again as the chief minister of Bihar.

It seems that he will try his political fortune and his ambition of becoming the prime minister in 2024 and thus it is likely that he will assume a national role and he may be selected as the prime ministerial candidate

in 2024 and perhaps with this end in view he parted ways with the NDA. In this new development Nitesh has allied with his strong political rival and adversary the RJD and Laloo Prasad, son of Tejaswi Yadav. But this unlikely alliance is not one of similar ideologies and philosophies and so it will unlikely last for the remaining time of the coalition government. Just as the Nitesh has deceived the NDA and similarly he will also deceive the JDU and may leave it half way and deceive it also. It is the NDA and to be precise the BJP which has made him hero from a zero which his political arithmetic suggested after the previous assembly elections and so he should desist from his tactics, political jugglery and jigsaw and he should present his picture of being trustworthy to his coalition partners. The peculiar trait of his political behavior has made Laloo Prasad to once comment that Nitesh is changing colors like a chameleon and also compared him with the snake nettle which snake throws after every year. Same is the case with Nitesh Kumar as he is habitual of throwing away his alliance partners for his vested political interests, but in doing so he is damaging the future prospects of his political party-RJD and therefore he should shun the action of deceiving his political allies and desist from breaking and making of new alliances to continue his rule. However always Nitesh is saying that he does not like to be the chief minister but in his heart of hearts is the strong ambition of remaining leashed to power. Tejaswi Yadav has rightly described the personality of Nitesh Kumar as Pultimor because of his making and breaking the alliances so often. For assuming the power Nitesh can go to any extant and make unbelievable alliances. Thus for the sake of power he can deceive his close political friends and forge alliance with the diametrically opposite political parties. So this behavior of Nitesh does not surprise his political allies, friends and his opponents. Thus he is always on the job of deceiving his friends and foes. This political behavior of Nitesh is distancing him and his JDU from the people and it is unlikely that in future he will be able to muster the strength to cobble a coalition as he stands weighed by the sagacious voters who will pronounce their decision at the time of elections.

Lets us thank God that the big political melodrama in Bihar has come to an end with the Nitesh Kumar as the chief minister and Tejaswi Yadav as his deputy chief minister in Bihar. The time only will tell how long this new coalition will continue because it is the inborn trait of Nitesh Kumar to dump and part way with his alliance partners and use new alliances to cobble new coalitions.

(The author is a columnist and social activist).

Political melodrama in Bihar

For me, there are two types of people: the young and the experienced.

-A. P. J. Abdul Kalam

EDITORIAL

Managing Monkeypox Virus

■ VINOD CHANDRASHEKHAR DIXIT

Cases of monkeypox are on a rise across the globe. The WHO has declared monkeypox as an international public health emergency. The last time it sounded such an alarm was when Covid-19 hit the world.

Monkeypox, a rare tropical disease spread by wild animals in Africa, has unexpectedly spread abroad this month, posing questions about what precisely it is and how dangerous it might be. It is a respiratory virus and can also spread to humans without contact. It is a viral zoonosis (a virus transmitted to humans from animals) with symptoms very similar to those seen in the past in smallpox patients, although it is clinically less severe. It is caused by the monkeypox virus which belongs to the orthopoxvirus genus of the Poxviridae family.

It was first identified in humans in 1970, in the Democratic Republic of Congo (DRC). The disease is called monkeypox because it was first identified in colonies of monkeys kept for research in 1958. It was only later detected in humans in 1970. It is a re-emerging disease that's been causing large outbreaks in Nigeria and DRC since 2017. Since 1970, human cases of monkeypox have been reported in 11 African countries - Benin, Cameroon, the Central African Republic, the Democratic Republic of the Congo, Gabon, Côte d'Ivoire, Liberia, Nigeria, the Republic of the Congo, Sierra Leone, and South Sudan.

Monkeypox primarily occurs in central and west Africa, often in proximity to tropical rainforests, and has been increasingly appearing in urban areas. Animal hosts include a range of rodents and non-human primates.

It is a disease of global public health importance as it not only affects coun-



tries in west and central Africa, but the rest of the world. In 2003, the first monkeypox outbreak outside of Africa was in the United States of America and was linked to contact with infected pet prairie dogs. Monkeypox (MPX) does not spread easily between people.

Human-to-human transmission occurs through close contact with infectious material from skin lesions of an infected person, through respiratory droplets in prolonged face-to-face contact, and through fomites.

Humans can contract the disease by

getting bitten by an infected animal, or after coming in contact with its blood, body fluids or fur. Eating the meat of an infected animal that has not been cooked properly could also cause infection.

Among humans, the virus can spread through clothing, bedding or towels used by someone with a rash; touching skin blisters or scabs of an infected person or coming in contact with droplets from his or her cough and sneeze.

According to the World Health Organization (WHO), the smallpox vaccine is approximately 85 percent effective in preventing the development of monkeypox. There are effective vaccines against monkeypox - the second and third generation smallpox vaccines, both live virus vaccines using the vaccinia virus.

Vaccinia is another orthopoxvirus that confers immunity against smallpox and monkeypox, but can have serious side effects in some people, especially those with compromised immune systems.

No doubt, WHO is working with all affected countries to enhance surveillance and provide guidance on how to stop the spread and how to care for those infected. WHO's studies say one in 10 infected people die in the region, where people have less access to healthcare facilities.

Most of the patients recover two to four weeks. One should remember to practice good hand hygiene after contact with infected animals or humans. For example, washing your hands with soap and water or using an alcohol-based hand sanitizer. Use personal protective equipment (PPE) when caring for patients. Because monkeypox virus is closely related to the virus that causes smallpox, smallpox vaccine can also protect people from getting monkeypox.

Entrepreneurship and Emotion

■ SWATI BASOTRA

August 21st marks World Entrepreneurs' Day, a day dedicated solely to entrepreneurship, leadership and innovation across the globe. This year the Swavalamban Bharat Abhiyan is celebrating entrepreneurs' day by launching digital Platform MYSBA.CO.IN dedicated to the youth of India for the self-employment, entrepreneurship and employment.

This year we celebrated 75th year of our Independence and reminisced the freedom struggle of our great freedom fighter who without any modern weapons or money able to overpower the tyranny of Britishers and emerged victorious.

What made them so powerful was the passion to be free. Intentions to do something for country and knowledge that led them to lead the struggle.

These three emotions instilled in them helped them pave a path for themselves. Entrepreneurs are exactly the same they look for circumstances they want and if they can't find it, they create them. We are free and independent but we are still struggling to make India below zero Poverty line (BPL).

We still wonder as to how can we make India fully employed country.

Today we don't want freedom but we want fighters to preserve this freedom by self reliance (Swavalamban)

and economic zenith (Paramyaibhav).

When we talk about India's unemployment problem, many people think that only government policies can solve the problem of unemployment.

This may be true to some extent but it's not the only solution, a mass public awareness is the solution, because the level of awareness of the society is the deciding element of the policies of the government.

To achieve all these goals we need to create an environment not only among youth but around the society who still don't acknowledge and appreciate self employment, income from agriculture and cottage industry the wrong definition of employment in the mindset of youth.

They consider employment synonymous of with job in a government or company. The other thing related to this is that youth don't even think of earning at the age of 18-19 years.

There are several benefits of being a young entrepreneur, of which the biggest advantages is to learn important and valuable skills like critical thinking, decision making, teambuilding and learn to conquer on his emotions that hinder us from becoming successful entrepreneurs.

The biggest barrier in entrepreneurship is emotion of fears. Fear of failure, fear of rejection fear of uncertainty.

tainty. When we come under the impression of fear the other emotions don't work.

To overpower these fear and rejections we need communities and cooperatives that create awareness drives and show interest and invest time and money in these youth so they can create success stories for us.

To fight these fear and rejection entrepreneur need to adopt these habits.

Invest in right relationships- Find friends, mentor who help you to realize your potential clearly and genuinely believe in you.

Master your emotions- fear and self doubts feel like facts but really they are merely emotions.

They are only as powerful as we allow them to be. Stop comparing yourself- embrace yourself- the key is to find your talent and execute on what you are good at.

The fear of not being good enough is a mindset. Self-awareness, supportive relationship and positive self talk will help you overcome this common fear. Focus on great things entrepreneurship can offer such as financial and creative freedom.

Enjoy entrepreneurship experience and allow yourself to celebrate the success of your hard work and passion.

(The writer is motivational speaker and soft skill trainer).