

Manipur a safe haven for investment as any other states : Najma Heptulla

DIPR
Imphal, September 7,

Governor of Manipur Dr. Najma Heptulla, yesterday, assured the visiting representatives from different corporate sectors that Manipur is a safe haven to visit, explore and invest as any other States in the country. She said that the State Government and its people, despite many decades of insurgency and law and order problems in the past, is into a new era of peace, harmony and development. The Governor was speaking as chief guest at the valedictory programme of Manipur Corporate Social Responsibility (CSR) Conclave- 2019 held today at City Convention Centre, Imphal. Despite the remoteness of the State, the Act East Policy of the Government of India and the opening up of South East Asia had gradually transformed Manipur into a hub of India's Gateway to South East Asia, she Added.



Seeking strong commitment and proactive partnership from corporate bodies to invest their CSR funds into the State, she also stated that the State Government is ready to discuss, explore and undertake effective partnerships for socio-economic development. Dr. Najma stated that the Companies Act, 2013 which is a path breaking legislation allows corporate and business houses to partner with the Government actively in the development of the country. Sensing the potential synergy and collaboration for development the State

Government had taken the initiative to organise the Manipur CSR Conclave, 2019. She appreciated officials of the State Government and representatives of Fourth Dimension Global for organising the Conclave for the first time in the State. She also expressed confidence that the Conclave will be a avenue for fruitful interaction between the representatives of Corporate bodies and Government officials to help in the State's effort to attract CSR investments in Manipur. It may be mentioned that a CSR Pre-Conclave was

organised at New Delhi on August 21 this year wherein Senior Officers representing the State Government participated and highlighted various opportunities for the corporate to identify areas for CSR projects in the State. Chief Secretary Dr. Suresh Babu, Additional Chief Secretary Dr. Suhel Akhtar, Principal Secretary P. Vaphei, Officials of various Departments, Representatives of Fourth Dimension Global and corporate houses among others attended the valedictory function.

Official defence press statement pro (defence) guwahati

IT News
Imphal Sept. 7,

A Combine Annual Training Camp for Air Wing NCC Cadets of all Northeast states is underway at Narangi Military Station under the aegis of NCC Group Headquarter Imphal. More than 300 Cadets from various Air Wing NCC units of NER Directorate are attending the camp. The Camp aims at conducting Inter Air Squadron Competition for selecting the Best Air Squadron in NER NCC Directorate and also short list Cadets for All India Vayu Sainik Camp to be held in Jodhpur in October 2019. The Cadets were addressed



by Brig RS Sethi, Group Commander, NCC Group Imphal who explained to the cadets about the purpose and benefits which the cadets will draw from the camp with

respect to personality development by promoting empowerment through experience, education on social awareness about being a responsible citizen.

The Camp also entails training of Air Wings NCC cadets on aspect of Flying, Drill and Weapon Training. The Camp will culminate on 13 Sep 2019.

North east News

Bengal Assembly passes resolution against Assam NRC

Agency
Assam September 7,

The West Bengal Assembly on Friday passed a resolution opposing the National Register of Citizens (NRC) in Assam and ruling out any such exercise in Bengal. The Resolution tabled under Rule 185 of Rules of Procedures of Conduct of Business of the House got the backing of members ruling Trinamool Congress and opposition Left Front and the Congress. The BJP was the only party that opposed the resolution that sailed through after a three-hour debate. On August 31, the final NRC list in Assam was published, from which over 19 lakh people were excluded. Participating in the debate, Chief Minister Mamata Banerjee said the NRC has no acceptance in her state. "We do not accept the NRC. This exercise will never take place in Bengal. Banerjee said she has spoken on the issue with Bihar Chief

Minister Nitish Kumar, who has opposed any such exercise in his state. Banerjee said the NRC was a fallout of the Assam Accord of 1985, but there were no such agreement in Bengal. She referred to the detention centres being constructed in Assam, and said: "They are coming up with a grand jail to house those excluded from the NRC final list". Supporting the resolution, the lawmakers called the NRC exercise "anti-Bengali" and gone through with a political motive by the Bharatiya Janata Party. Trinamool Legislators from bordering districts of Cooch Behar and Alipurduar complained that girls from the district married into Assam have been left out of the list. Left Front Legislature party leader Sujan Chakraborty said the NRC was an attack on the poor people who did not possess the documents. All India Forward Bloc MLA Ali Imran Ramz termed the resolution historic and a proof

that "Bengal is secular and will remain secular". Opposing the motion, Leader of BJP legislature party Manoj Tigga claimed Banerjee had raised the issue of "infiltration" from Bangladesh into Bengal

as an opposition leader in 2005 in Lok Sabha and she had stormed out Speaker Somanth Chatterjee did not allow a debate. He said there was need for NRC in Bengal.

Centre approved Rs 350cr for 9th phase of Bru repatriation: Mizoram official

Agency
Aizawl September 7,

The Centre has approved an amount of Rs 350 crore for the ninth phase of Bru repatriation from six relief camps of neighbouring Tripura, a senior home department official said. The approval came during a Joint Monitoring Group meeting on Bru repatriation, chaired by Special Secretary (internal security), Ministry of Home Affairs, AP Maheswari, in Delhi on Friday. Mizoram Home Secretary Lalbiakzama said.

The state had last month identified 4,447 Bru families for the exercise, scheduled to begin on October 1, he said. **ALSO READ: Meghalaya: Another drug bust in Khliehriat, one held** "The approved amount of Rs 350 crore would cover transportation and rehabilitation package expenses, which includes Rs 5,000 per month for each resettled Bru family in Mizoram and free ration for two years," Lalbiakzama, who represented the state in the meeting, told PTI over phone.

News from the world of Medicine

Computer was taught to diagnose arrhythmia more accurately than a doctor

Source: BBC.

Atrial fibrillation (heartbeat rhythm failure) may be unnoticed on ECG, especially when the rhythm of the heartbeat returns to its normal condition for a while. According to BBC, artificial intelligence created by Mayo Clinic may help to avoid a fatal diagnostic error. Scientists have revealed arrhythmia signs hidden from the doctor's

eye. The computer is looking for seemingly insignificant traces that speak of past episodes of heart rhythm failures. Such traces include the formation of scar tissue on the heart. The system analyzed heart rhythm studies of almost 181,000 people from 1993-2017. All people initially had normal tests. But artificial intelligence revealed arrhythmia in 83% of studies stated as "normal".

There is no doubt in the power of artificial intelligence. For example, a computer recently developed a high-performance flu vaccine. The vaccine was created by a program known as Ligand Search Algorithm. Ligands are compounds (sometimes a small molecule) that form complexes with a biological molecule (DNA, protein, cell receptor) and, as a result, produce certain effects.

Unique nanovaccine is going to make a revolution in the cancer therapy

Source: Mirage News

As Mirage News notes, the scientist of Tel Aviv University have created a nanoparticle-based vaccine that can prevent the development of melanoma and at the same time is suitable for the destruction of existing tumors and metastases. The vaccine can make immune therapy as effective as possible. The scientists have taken nanoparticles from a

biodegradable polymer. Two peptides (short chains of amino acids that are expressed in melanoma cells) were enclosed inside each nanoparticle. Nanoparticles worked like vaccines against viral infections - they stimulated immunity. The immune system began to attack both cancer cells containing two peptides, and nanoparticles. The effectiveness of the vaccine was tested within three experiments. At first,

the vaccine was administered to healthy mice, and then melanoma cells were injected. As a result, the cancer did not develop. Then, the vaccine and immune therapy drugs were tested on existing tumors. The complex effect significantly reduced the progression of cancer and increased life expectancy. Finally, the vaccine was successfully tested on tissues taken from patients with melanoma and metastases in the brain.

Science and Tecnology

India's 5G fantasy: The future looks decidedly dim



Courtesy :Down To Earth's
By Latha Jishnu

There was something pathetic about Union Communications Minister Ravi Shankar Prasad's wishful thinking as he addressed the Indian Mobile Congress last month. He said his vision of 5G for the country was not just a rollout of services, but the creation of Indian intellectual property (IP) and patents in 5G technology. This may be possible in a couple of decades, but right now we might as well be crying for the moon. While companies around the world, notably the Chinese, have secured thousands of patents in this revolutionary technology that will provide the platform for inventing a host of new products, technologies and services, Indian companies are yet to start field trials of 5G spectrum for which permission was granted just recently. Equipment for these trials, needless to say, will be provided by foreign vendors. Most people assume that 5G will provide faster speeds than 4G — which bypasses the hurdle and works only patchily in urban India — but that would be a gross simplification. 5G will empower the invention of thousands of new products, technologies

and services, increase productivity and allow for new industries to emerge. A global 5G network will unify mobile communication and connect people and devices to everything through the Internet of Things. Given that 3G and 4G patent holders have controlled the use of mobile technologies in the smartphone industry, those who own the intellectual property (IP), primarily the SEPs or the standard essential patents, will become the market leaders in a technology that will reshape the future. Remember that companies here or anywhere will have to use SEPs when implementing standardised 5G technology. This means the clutch of companies that own these will rake in billions from licensing the SEPs. India may be sending missions to the moon but in the area where technological prowess matters most the country is lost in a black hole. Not a single Indian telecom firm is in the list of 303 deployment of 5G technology worldwide. This industry list has 20 operators in 294 locations. Worse, although the domestic firms (Bharti Airtel, Reliance Jio and Vodafone Idea) are expected to start their three-month long trial

shortly, it is worth remembering that the industry is in dire straits with huge debts and has indicated that it would be in no position to bid for 5G spectrum. Nor does India have the kind of resources that President Xi Jinping is investing in 5G apart from the sharp research effort on it. No wonder Chinese firms command the lion's share of patents among the clutch of global firms that own IP in 5G. Its star performer Huawei, blacklisted by the Trump Administration, continues to surge ahead with revenues soaring by 23 per cent. India has to decide if Huawei—with which the initial 5G sortie was made in a lab run—is a security threat or not. Can India ever catch up? Field trials are just the starting point; it merely allows operators and equipment makers to prove that the network they have designed in a laboratory actually works in practice. Then there is the long haul to a commercial rollout. As India obsesses about its technological expertise in a mythical past, the future is looking decidedly dim. (This article was first published in Down To Earth's print edition dated August 16-31, 2019)