

Current Affairs:08.12.2021

ALL INDIA INSTITUTE OF MEDICAL SCIENCES (AIIMS)



Prime Minister Shri Narendra Modi dedicated to the nation various development projects in Gorakhpur, Uttar Pradesh.

About:

The Prime Minister congratulated the people of UP for the inauguration of AIIMS and fertilizer plant and for the new building of Regional Medical Research Center of ICMR in Gorakhpur. The Prime Minister said after independence till the beginning of this century, there was only one All India Institute of Medical Sciences (AIIMS) in the country. Former Prime Minister Shri Atal Bihari Vajpayee had approved 6 more AIIMS. The Prime Minister said work is going on across the country to build 16 new AIIMS in the last 7 years. He announced the goal of his Government is that every district in the country must have at least one medical college.

PANEX-21

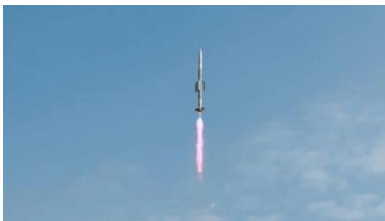


A Curtain Raiser Event for Humanitarian Assistance and Disaster Relief exercise, PANEX-21, for the member nations of BIMSTEC countries, was held in New Delhi on 07 December 2021.

About:

The exercise is planned to be conducted from 20-22 December 2021 at Pune and will witness participation from subject matter experts and delegates from India, Bangladesh, Nepal, Bhutan, Myanmar, Sri Lanka and Thailand. The success of the last two BIMSTEC Disaster Management Exercises (DMEx-2017 at Delhi and DMEx-2020 at Puri) speak of the close coordination mechanism that the BIMSTEC nations share.

VERTICAL LAUNCH SHORT RANGE SURFACE TO AIR MISSILE



Vertical Launch Short Range Surface to Air Missile was successfully flight tested by Defence Research & Development Organisation (DRDO) from Integrated Test Range, Chandipur, off the coast of Odisha.

About:

The launch was conducted from a vertical launcher against an electronic target at a very low altitude. Launch of the system was conducted to validate integrated operation of all weapon system components including the vertical launcher unit with controller, canisterised flight vehicle, weapon control system etc. required for future launches of the missile from Indian Naval Ships. The first trial was conducted on 22 February 2021 and this is confirmatory trial to prove the consistent performance of the configuration and integrated operation. Raksha Mantri, Shri Rajnath Singh has congratulated DRDO, Indian Navy and industry for the successful flight test and stated that this system will further enhance defence capability of Indian Naval Ships against aerial threats.

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SHE IS A CHANGEMAKE

To improve leadership skills of grassroots women political leaders, the National Commission for Women (NCW) launched a pan-India capacity building programme, ‘She is a Changemaker’.

About:

It has been launched for women representatives at all levels, gram panchayats to parliament members and political workers including office bearers of National/State political parties. The capacity building programme will be undertaken in association with region-wise training institutes with an objective to undertake capacity building of women political leaders and improve their decision making and communication skills including, oration, writing, etc. The official launch of training programmes under ‘She is a Changemaker’ series was held in collaboration with Rhambhau Mhalgi Prabodhini, Thane, Maharashtra.

SWADESHI MICROPROCESSOR CHALLENGE

Ministry of Electronics and Information Technology felicitated the winners of the ‘Swadeshi Microprocessor Challenge – Innovate Solutions for #AatmaNirbhar Bharat’ during AzadiKa Digital Mahotsav celebrations.

About: On August 18, 2020, the Indian Ministry of Electronics and Information Technology (MeitY) launched the “Swadeshi Microprocessor Challenge” as part of their series of proactive, pre-emptive and graded measures taken to spur the technology led innovation ecosystem in the country and staying at the forefront of digital adoption. Open to students at all levels and start-ups, the Challenge demanded contestants to tinker with the Swadeshi Processor IPs (VEGA processor by C-DAC & SHAKTI processor by IIT Madras) and facilitate them with innovating the frugal solutions for societal needs. Financial support to the tune of Rs. 4.40 Crore was provided at various stages of the Challenge for developing the hardware prototype and incubating a start-up to participating teams. The 1st Prize Winner of Swadeshi Microprocessor Challenge is Team- Vega-FCS-FT who used VEGA processor to demonstrate - Fault Tolerant Reliable Integrated Avionics System for Drones.

LCRD

On December 7 around 3:50 pm IST, NASA launched its new Laser Communications Relay Demonstration (LCRD) — the agency’s first-ever laser communications system — from Cape Canaveral Space Force Station in Florida.

About: The LCRD will help the agency test optical communication in space. Currently, most NASA spacecraft use radio frequency communications to send data. Optical communications will help increase the bandwidth 10 to 100 times more than radio frequency systems. LCRD has two optical terminals – one to receive data from a user spacecraft, and the other to transmit data to ground stations. The modems will translate the digital data into laser signals. This will then be transmitted via encoded beams of light. These capabilities make LCRD NASA’s first two-way, end-to-end optical relay, the agency said in a release.

EBRAHIM EBRAHIM

Indian-origin South African anti-apartheid veteran Ebrahim Ismail Ebrahim, also known as “Ebie”, who was also the former deputy minister of international relations, died at the age of 85.

About: Ebrahim, who was a member of the African National Congress (ANC), spent over 15 years in the Robben Island prison along with Nelson Mandela and Ahmed Kathrada for taking a position

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against the apartheid government. The apartheid regime of South Africa ended in 1994, during which year democratic elections were held in the country for the first time. The ANC was banned in 1960 and the ban on it was lifted three decades later, in 1991, after which Cyril Ramaphosa, who is the current President of South Africa, became its General Secretary. He served as a member of the National Executive Committee of the ANC for over 26 years, until 2017.