

DRDO ‘keen on’ setting up technology centre at Gujarat University

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Ahmedabad: The Defence Research and Development Organisation (DRDO) is exploring possibility to set up a centre for advanced defence technology at the Gujarat University’s upcoming Dr APJ Abdul Kalam Centre for Extension and Research and Innovation (CERI).

In his address at the Gujarat University’s 68th annual convocation on Wednesday, Dr G Satheesh Reddy, chairman of DRDO, who was the chief guest, said, “During the visit to the under-construction research park, Vice-Chancellor Himanshu Pandya proposed a DRDO centre at the park. We are very positive towards it. We will send a team next week to look at the infrastructure and see how we can collaborate with the university in promoting advanced defence technology and how we can benefit from students...”

Gujarat Education Minister Bhupendrasinh Chudasama who was the guest of honour expressed disappointment that in world’s top 200 universities, there is none from India. “This won’t work. Gujarat is a prosperous and model state... infrastructure-wise it is inspiring and encouraging but what is lacking,” he said.

Talking about the university national rankings, Gujarat University Vice-Chancellor Himanshu Pandya in his address said, “We missed being in the top 100 national ranking by 0.30 points. But we are hopeful this year the results would be different.”

Drawing parallels with Chandrayaan-2 moon mission where scientists lost touch with the Vikram lander moments before what would have been a successful landing, the minister said, “The Gujarat University is like Chandrayaan. We can see it but it could not land... As Prime Minister Narendra Modi said, it was a good attempt and will certainly gain success. In the coming rankings, Gujarat University will find its place.”

On majority of girls winning gold medals, Gujarat Governor and GU Chancellor Acharya Devvrat asked boys to pull up their socks and “stop wasting time on unnecessary things”.

As many as 45,294 students were conferred with diplomas and degrees, of which the highest number was from Commerce faculty (23,765) followed by Arts (8,600) and Science (5,951).

<https://indianexpress.com/article/cities/ahmedabad/drdo-keen-on-setting-up-technology-centre-at-gujarat-university-6241902/>

Big guns are in town for DefExpo

Lucknow: The country's third-generation main battle tank Arjun, anti-aircraft weapon Tunguska, T-90 tank and other war machines on Thursday arrived at Vrindavan Yojna, Sector 15 – the venue for Defence Expo-2020 in Lucknow.

Named after Arjun, the archer prince of Indian epic Mahabharat, the main battle tank was indeed a head turner as it arrived at the venue.

People from the nearby localities too turned up to capture the glimpse of the war machine. But due to high security, they were denied entry.

The tank, Arjun is one of the many DRDO-developed innovations that would be kept on display during the five-day-long Defence Expo from February 5 to 9.

Some defence personnel, who were taking care of the arrangements at the venue, called it a state-of-the-art machine.

"12mm calibre gun makes Arjun, a step ahead of other tanks in the world. And its computer controlled integrated fire control system gives it day-night stabilised sighting system that makes it more accurate with its target. It's one of the deadliest war machines," the personnel said highlighting the specifications of the war machine.

Modular Bridging System, Advanced Carbon Composite Modular Bridging System, Wheeled Armoured Platform (WhAP), Counter Mine Flail (CMF) Medium Power Radar, Remotely Operated Vehicle (ROV), Advanced Towed Artillery gun System (ATAGS) and Unexploded Ordnance Handling Robot (UXOR) are a few other innovations that will be put on display by DRDO.

Gargi Malik, PRO, defence said the expo would have a segment where these war machines and their capabilities would be displayed in full public view.

Anti-aircraft gun Tunguska was another attraction at the venue. It is a Russian self-propelled anti-aircraft weapon, armed with a surface-to-air gun and missile system.

"The weapon carries eight 9M311-M1 surface-to-air missiles. The missiles have semi-automatic radar command to line-of-sight guidance and weigh 40kg with a 9kg warhead. They are 2.5m long with a diameter of 1.7m and wingspan of 2.2m. The missile's maximum speed is 900m/s and can engage targets travelling at speeds up to 500m/s. Range is from 15 to 6,000m for ground targets and 15 to 10,000m for air targets," said a defence personnel.

"The two twin-barrel 30mm anti-aircraft guns are mounted on the vehicle. These guns have a maximum firing rate of 5,000 rounds per minute and a range of 3,000m against air targets. This extends to 4,000m against ground targets," added the personnel. Besides, T-90 tank had already been brought to the venue for the final day.

MBT Arjun

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<https://www.hindustantimes.com/cities/big-guns-are-in-town-for-defexpo/story-BCgl3G5Whjkvu9SIPfFQ4H.html>

Make in India at DefExpo 2020: Indigenously-developed military systems and technologies to be the focus

This year it is also going to have the live demonstration of Advanced Towed Artillery Gun System (ATAGS), Main Battle Tank (MBT) Arjun MK IA, Wheeled Armoured Platform (WhAP)

New Delhi: New technologies, indigenously-developed military systems are going to be the focus at the 11th DefExpo. India’s Defence Research and Development Organisation (DRDO) are going to showcase indigenously-developed military systems and technologies.

This year it is also going to have the live demonstration of Advanced Towed Artillery Gun System (ATAGS), Main Battle Tank (MBT) Arjun MK IA, Wheeled Armoured Platform (WhAP). Also of the 15m Advanced Composite Modular Bridging System (ACMBS) and Modular Bridge.

In line with the theme of the event “Digital Transformation of Defence”, more than 500 products from all technology clusters will be on display and it will also display around 23 products in the India Pavilion. This Pavilion has been put up specially to showcase the products of DRDO, as well as those of the public and private sector companies in defence manufacturing.



Kanpur based MKU

MKU, a leading defence and security solutions provider is committed to ‘Make in India’ and has been transforming the defence industry landscape in India by deploying newer and advanced technologies in electro-optics and armour solutions.

The products of the company are not only indigenously designed and developed, are also manufactured in their units in India and Germany. The products of this company are used by both national and international forces across 100 countries.

At this show they will be displaying: A wide range of Night Vision (Image intensified) weapon sights, monocular and bi-oculars that deploy Gen 3 sensor technology for excellent performance in very low light conditions. Also on the display will be Rugged Thermal Weapon Sights for assault rifles, sniper rifles, LMG, MMG etc which offer longer ranges and better performance even in zero visibility conditions.

Instavest series is their new line up of quick-release survivability and protection jackets as per BIS Standards for male and female soldiers in tactical, combat and law enforcement configurations. And feature the highest level of protection in the lightest configurations using Gen 6 armour technology.

Also, newly designed Insta Load Distribution System (ILDS) for jackets which are based on the Exo Skeleton technology; Polyshield – H bolt free helmets that have the capability of providing uniform protection across the head.

<https://www.financialexpress.com/defence/make-in-india-at-defexpo-2020-indigenously-developed-military-systems-and-technologies-to-be-the-focus/1839546/>

दैनिक जागरण

Fri, 31 Jan 2020

ब्रह्मोस से लैस सुखोई की तैनाती

बालाकोट एयरस्ट्राइक के बाद से कई किस्म के हथियारों को हासिल करने का क्रम लगातार जारी है। वायुसेना ने हाल ही में तमिलनाडु के तेंजावुर में सुखोई-30 एमकेआइ के स्क्वाड्रन को तैनात किया है। इस बेड़े में सुखोई विमानों को 2.5 टन के हवा से मार करने वाली ब्रह्मोस मिसाइलों से लैस किया गया है। यह मिसाइलें 300 किलोमीटर की दूरी तक अचूक निशाना लगाती हैं। भारतीय वायुसेना के एक स्क्वाड्रन में 18 लड़ाकू विमान होते हैं। जल्द ही सुलुर में तेजस का एक जंगी बेड़ा तैनात किया जाएगा। भारत को 36 युद्धक राफेल विमानों की आपूर्ति अप्रैल, 2022 तक हो जानी है। पिछले बजट में वायुसेना के लिए सर्वाधिक धन 39,302 करोड़ रुपये आवंटित किए गए थे।