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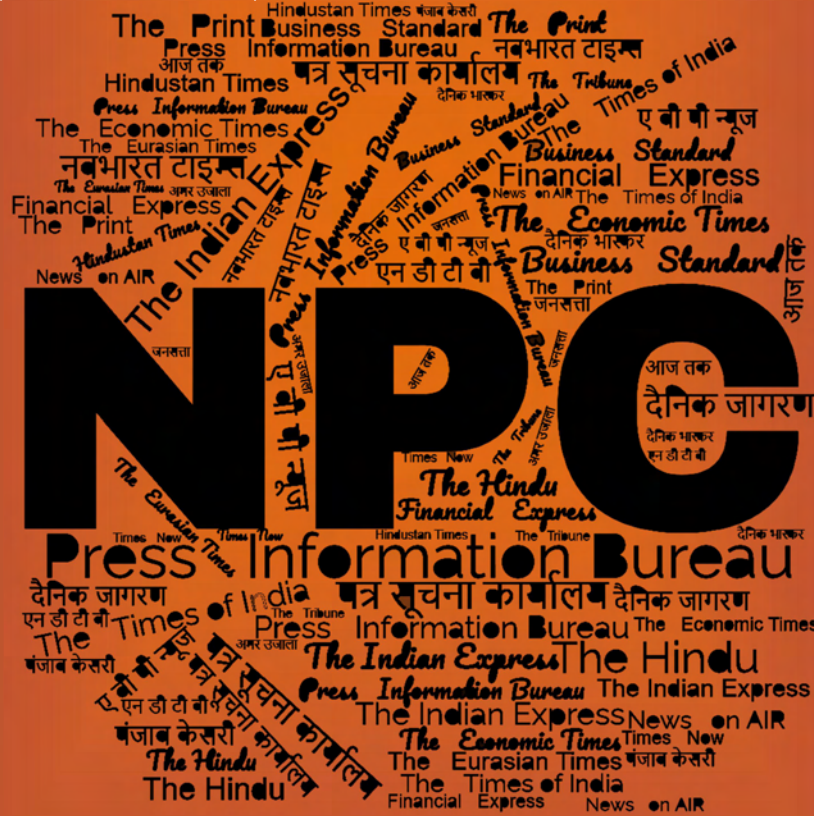
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# समाचार पत्रों से चयित अंश Newspapers Clippings

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## Defence News

# Defence Strategic : National/International



Press Information Bureau  
Government of India

Ministry of Defence

*Tue, 28 Mar 2023*

## **Raksha Mantri Exhorts Youth to Ideate, Innovate & Set up New Companies to Transform India into One of the Most Powerful Nations**

**Delivering G-20 Freedom of Thinkers speech at Symbiosis University in Pune, he urges them to take advantage of Government's policies & contribute to the country's growth story by becoming wealth creators.**

**Shri Rajnath Singh emphasises on timely payment of MSMEs & vendors in the supply chain & use of clean technologies for a safer future**

Raksha Mantri Shri Rajnath Singh has called upon the youth to ideate, innovate and set up new companies and R&D establishments to help realise the Government's vision of transforming India into one of the most powerful nations in the coming times. He was delivering the Field Marshal SHFJ Manekshaw memorial lecture at Symbiosis International (Deemed) University in Pune, Maharashtra on March 28, 2023. The Raksha Mantri pointed out that, as the country has entered 'Amrit Kaal', Government has laid the groundwork for a strong and self-reliant 'New India' by rolling out a number of policies and steps to promote use of latest technology & ease of doing business, which have given the youth an opportunity to realise their dreams.

Describing technology as the most important component for business set-up, Shri Rajnath Singh asserted that reforms have been made on a large scale in R&D establishments, such as Defence Research and Development Organisation (DRDO) and Council of Scientific & Industrial Research (CSIR). He added that the Government has established the link between academia and the industry, wherein now researches being carried out by universities reach the industry for development of state-of-the-art technologies and products. The Raksha Mantri asserted that the nation, under the leadership of Prime Minister Shri Narendra Modi, is moving forward with a new resolve, wherein the role of the young ignited minds is pivotal. He urged the youth to take advantage of the Government's policies, bring about a revolution in the economic sector and contribute to the growth story by becoming wealth creators. Shri Rajnath Singh likened the unparalleled energy of India's youth to the characteristics of nuclear energy, emphasising on the vital importance of 'direction' for its effective utilisation. He supported his statement by saying

that “India is today home to over 90,000 start-ups, of which more than 100 are unicorns and this has been made possible due to the zeal and energy of the youth”. He stated that just like nuclear energy requires direction for its best use, the energy of youths needs to be directed towards nation-building and social welfare. This energy can be moderated through values, cultures and traditions, he said.

While the Raksha Mantri exuded confidence that new business entities and factories will soon be established in the country and specialised people will play an important role, he told the students that they have the same responsibility towards the nation as they have for their firms. He urged them to take care of the interests of all stakeholders and at the same time ensure that the nation gets the best and affordable products & services. He called for timely payment of MSMEs & vendors in the supply chain of the respective organisation and use of clean technologies for a safer future. He also urged them to discharge their Corporate Social Responsibilities as an Enlightened Corporate Citizen.

Citing surveys of various agencies, Shri Rajnath Singh stated that India, the fifth largest economy, is continuously surging ahead at an unprecedented pace and is on course to find itself among the top three economies in the world by 2047. He asserted that India’s image has transformed on the international stage under the Prime Minister’s leadership and New Delhi’s views are keenly listened to by the world. He added that India has emerged as a preferred and trusted investment destination for the world. “Be it exports or inflow of FDI, income tax or record collection of GST, our country is doing much better on almost every front,” he said.

The Raksha Mantri also touched upon a number of reforms undertaken by the government to encourage ease of doing business, which includes scrapping of old irrelevant rules and regulations. “Many rules and laws were being followed for decades, which had become obstacles in the path of the youth. We scrapped those rules & regulations and introduced new ones to help the youth realise their dreams,” he said.

Shri Rajnath Singh highlighted a series of reforms undertaken by the Government in the banking sector. “In 2014, many banks were buried under the burden of Non-Performing Assets (NPAs) and losses. They were not in a position to give new loans far and wide. Through privatisation of some banks, we are trying to give them a new life. We revived the public sector banks by capitalising them. We revived the banks, which till now were running in losses due to NPA or other reasons, and today they are doing well in the market and are in a position to provide loans,” he added.

Shri Rajnath Singh also shed light on the steps taken for retail investors. “We curbed insider trading, promoted technology and digital architecture in the trading process and made the trading process transparent. Now even people living in villages and remote areas with a mobile, understanding the risks, are ready to invest in the market. In this way, due to the large number of retail investors coming into the market, the depth and resilience of the market has increased,” he said. The Raksha stressed that as the country will be completing 100 years of its independence in 2047, the youth needs to prepare a roadmap of goals and strive to achieve them to make India a strong and prosperous nation. He underscored the importance of management in the progress of a nation, terming it as the most important factor in socio-economic development. Management helps in making the functioning of an organisation more effective, and in shaping the culture there. In modern organisations, management works like a backbone. Whether it is the efficient

use of human, physical or financial resources, right from doing the right thing to doing the right thing is a part of management.

The Field Marshal SHFJ Manekshaw memorial lecture was held as part of G-20 festival of Thinkers Lecture Series.

<https://pib.gov.in/PressReleasePage.aspx?PRID=1911492>



*Wed, 29 Mar 2023*

## **‘Defence Exports to Touch Rs 40k-cr’**

Defence minister Rajnath Singh has claimed Indian defence exports would touch an all-time high of Rs 35,000–40,000 crore by 2026. Singh, who was delivering the Field Marshal SHFJ Manekshaw Memorial Lecture organised by Symbiosis International University in Pune on Tuesday, also said that for the first time, of the products procured by the defence sector, 80 per cent are indigenised.

The minister who was answering a question raised by a student said that in 2014, exports were at Rs 900 crore. “This has since grown to Rs 15,000-16,000 crore and is expected to be Rs 35,000-40,000 crores by 2026,” he said.

Creation of a proper ecosystem, he said, was responsible for this sea change in the manner the country functioned. The Centre, Singh said, has taken up structural reforms across sectors. He referred to the bad-loan crisis (non-performing assets) of banks which had affected the capacity of financial institutions to lend and function.

“We took steps like restructuring of bad loans, merging banks, and privatising some to rescue the banks. Now there is no dearth of capital with banks which has allowed them to lend freely for businesses,” he said. Banking reforms, which saw some public sector banks being merged, were taken up by the Centre to revive the sector.

The defence minister spoke of the importance of values in human society, referring to Nuremberg trials wherein former Nazi officers were tried for their role in the Holocaust. The officers, Singh said, had tried to take the defence that they were following orders. “However, judges refused to heed to that notion, saying the officers had their own conscience that should have prevented them from carrying out those orders,” he said.

Singh urged students to maintain their conscience while taking decisions in their roles as management professionals. The central government’s policies to help start-ups has resulted in over 90,000 startups in the country of which 100 are unicorns. Reforms in laws and in Research and Development (RnD) have helped the country achieve ease of doing business. “We have reduced red tape, making it easy for young entrepreneurs to start business,” he said.

<https://indianexpress.com/article/cities/pune/defence-exports-to-touch-rs-40k-cr/>

## **India will Continue to Work with African Nations to Promote Regional Security, Stability: Rajnath Singh**

India will continue to work with African nations to promote regional security, foster stability and enhance the defence capabilities together, Defence Minister Rajnath Singh said during the first edition of the India-Africa Army Chiefs' Conclave on Tuesday.

The conclave was organised on the sidelines of the 2nd Africa-India Joint Exercise 'AFINDEX' in Pune, Maharashtra on March 28. It was attended by Chief of the Army Staff, General Manoj Pande and chiefs and representatives of 31 African nations, along with other civil and defence dignitaries. Rajnath Singh reiterated India's commitment to providing support to African partner countries in all defence-related matters, including capability enhancement of their Armed Forces, to ensure their economic growth and social development.

He emphasised that the full potential of a nation's progress can be realised only when its security is ensured. "We believe that preservation of individual human rights, such as the right to life and personal liberty, right to employment, right to livelihood, are dependent on a strong and effective state apparatus which can ensure the Rule of Law as well as promote economic growth & social development," Rajnath Singh said, while emphasising the need to build robust state structures which can cater to the needs and aspirations of the people.

The Defence Minister added that the joint exercises between India and African nations provide an excellent opportunity for the Armed Forces to learn from each other and promote interoperability. He termed 'AFINDEX' a reflection of India's continued focus on African nations to develop capacities and enhance mutual capabilities. "As maritime neighbours linked by the Indian Ocean, our cooperation in maritime security and hydrography and countering terrorism and extremism will be essential for regional peace and prosperity," he said.

Rajnath Singh described the capacity building in terms of defence equipment and platforms as another critical aspect of India's military cooperation with its African partners.

He invited the African countries to explore Indian defence equipment and technologies to fulfill their security needs. "India has emerged as a leading defence exporter in recent years. A defence manufacturing ecosystem has been created here which has the advantage of abundant technical manpower. The Indian defence industry can work with you to fulfil your defence requirements. With the aim to empower our African friends to indigenously meet their defence requirements, we are also committed to sharing our expertise and knowledge in defence manufacturing, research and development," he said. The conclave focussed on joint training and defence cooperation amongst the nations to evolve an institutionalised framework in order to enhance collaboration in the fields of joint military training, execution of peacekeeping operations; besides promoting Indian defence industries.

<https://www.indiatoday.in/india/story/india-will-continue-to-work-with-african-nations-to-promote-regional-security-stability-rajnath-singh-2352746-2023-03-29>

# THE TIMES OF INDIA

*Tue, 28 Mar 2023*

## **India and Africa Face Common Threats like Terrorism, Collective Experience Helpful to Deal with Emerging Security Threats: Army Chief Pande**

India and Africa face common threats like terrorism and violent extremism and the collective experience can help to prepare better to deal with emerging security challenges, Chief of Army Staff General Manoj Pande said on Tuesday.

Speaking at the conclave of Army chiefs in which 31 delegates from African nations participated, including 10 Army chiefs, General Pande said 25 partner nations are participating in the current edition of the AFINDEX military exercise which concludes on Wednesday.

"Our collective experience can help us to better prepare for the emerging security threats," the Army chief said. He said many African armies have experience operating in difficult and challenging environments and can offer valuable insights into their tactics, techniques and procedures.

"We face common threats of terrorism and violent extremism that have the potential to adversely affect our development goals," General Pande said.

<https://timesofindia.indiatimes.com/india/india-and-africa-face-common-threats-like-terrorism-collective-experience-helpful-to-deal-with-emerging-security-threats-army-chief-pande/articleshow/99051856.cms>



*Tue, 28 Mar 2023*

## **Mission Shakti: Four Years Later More Needs to be Done: Expert**

Exactly four years ago India undertook an anti-satellite test (ASAT) on March 27, 2019 which was a major surprise to many around the world. With this test India joined the elite group of countries in the world who have similar capabilities – Russia, China and the US and ensured its relevance in the space domain.

### **Codenamed as Mission Shakti**

During this test a missile from the ground was fired towards the satellite Microsat-R which was at a lower altitude of 283-km. It was a well-planned operation conducted by the Defence Research and Development Organisation (DRDO). This satellite was the target satellite manufactured by DRDO and was put in space by Indian Space Research Organisation (ISRO) on January 24, 2019. At the time of the satellite launch DRDO claimed that this was an

experimental imaging satellite. India's policy makers and scientific community had successfully kept this test a surprise and no one had any idea about this test. The world came to know about this test only when the Prime Minister Narendra Modi announced the success of this test publicly.

### **Any Space Deterrence**

Since that one test was carried out almost four years ago, there is not much information available in the public domain which suggests that DRDO is in the process of developing more counter-space technologies.

In 2019, the Defence Space Agency (DSA) in 2019 was created and it conducted its first simulated space warfare exercise. And in 2022 as reported by Financial Express Online on the sidelines of the DefExpo 2022 in Gandhinagar, Prime Minister Narendra Modi had announced the launch of the Space Defence Mission. This military space programme was launched to encourage innovative solutions for the country's armed forces in which the start-ups and domestic industry will be involved.

### **View of an expert**

According to Dr Ajey Lele, consultant, MP-IDSA, New Delhi, "India had learned much from its earlier experiences of nuclear tests, when there was much condemnation of India for going nuclear and subsequently India was put under sanctions. Owing to this so-called 'technological apartheid' India technology development trajectory mainly in sectors like space, defence and nuclear energy had to suffer a lot. This time India was keen to ensure that no diplomatic fallout happens owing to the ASAT test."

Nuclear tests in any form would always have a global backlash; however that was not the case with the ASAT test. "There was a window of opportunity for conducting a test without much international criticism and India ensured that their test would not project itself as a global rule-breaker."

### **Know about the test**

"The ASAT test conducted by India was kinetic test Direct-ascent anti-satellite (DA-ASAT). During this test a missile (without any warhead) gets fired towards a satellite in space and due to kinetic impact the satellite disintegrates into many pieces called space debris," explains Dr Lele.

Since there is no gravity out into space such debris keeps on moving in space. "When the debris comes in the path of any operational satellite then any hit by debris would impact the health of satellites. During 2007 China conducted an ASAT test at an altitude of 865 km killing its own aging satellite and during 2021 Russia conducted a similar test at an altitude close to 500 km," he says. According to Dr Lele, "Both these tests have created around 5000 traceable pieces of debris which are harmful for the operating satellites of various countries. However, if you conduct a test at much lower altitudes (here some gravitational pull still exists) then debris created enters the earth's atmosphere and owing to very high temperatures over there gets burned off. The Indian ASAT test happened at 283 km altitude. Most of the debris created during this test entered the earth's atmosphere and vanished. Some remaining pieces of debris (say around 50 in number) have also disappeared within a period of one year."

<https://www.financialexpress.com/business/defence-mission-shakti-four-years-later-more-needs-to-be-done-expert-3024900/>



# Business Standard

Tue, 28 Mar 2023

## Guns vs Butter-I: House Panel Welcomes Larger Funds Allocation

By Ajai Shukla

The 37th Report of the 17th Lok Sabha's Standing Committee on Defence reveals that after five years of under-providing funding for capital expenditure, the defence budget for Financial Year 2023-24 (FY 24) has this year allocated to the defence services the capital funding that they projected as their requirement for the year.

### IN DEFENCE

Services budget projections and finance ministry allocations

Year (in ₹ cr)	CAPEX ESTIMATES			REVISED ESTIMATES			EXPENDITURE	
	Projected	Allocated	%	Projected	Allocated	%		%
2018-19#	157,963	83,434	52%	140,929	83,477	59%	85,401	54%
2019-20	156,777	92,014	59%	167,457	100,770	60%	101,552	65%
2020-21	161,849	102,432	63%	163,743	125,910	77%	126,196	78%
2021-22*	199,554	123,001	61%	159,532	124,614	78%	123,377	61%
2022-23	199,790	136,558	68%	136,590	134,196	99%	73,437	37%
2023-24	148,955	148,955	—	--	--	—	--	—

# - Excludes military farms and ECHS, which were shifted from Army to modified Grant - MoD (Miscellaneous) in FY2016-17 and reverted to DSE in FY2019-20).; \* Expenditure figures are up to December, 2022.  
Note: Navy includes Joint Staff. RE 22-23 and BE 23-24 are yet to be approved by Parliament

In the current system of allocating funding, the army, navy and air force separately work out their requirement for the year. These projections are sent by the Ministry of Defence (MoD) to the Ministry of Finance (MoF) for allocation as a part of Demand Number 21, which is the “capital outlay on defence services, procurement policy and defence planning.”

However, the 37th Standing Committee's Report, which was presented in both houses of Parliament on March 21, indicates that in FY 2018-19, the MoF allocated just 52 per cent of the services' capex projection. This rose annually to 59 per cent, 63 per cent, 61 per cent, 68 per cent, until this year's budget saw the allocation of 100 per cent of the services' projections.

In the Revised Estimates (RE) for the same period, the MoF allocated just 59 per cent of projections in FY 2019-20; and then 60 per cent, 77 per cent and 78 per cent in the following years, to a respectable 99 per cent in last year's revised estimates.

In the budget estimates for FY 24, the total projection of the army, navy and air force was Rs 148,955 crore – while the capex allocation amounted to the same figure. “The Committee are satisfied to note that the allocation made to the MoD for FY 24 has put forth the demand of Rs.

37,341, 52,804 and 58,808 for Army, Navy and Air Force respectively under capital head and was granted the same by the MoF, without any deductions,” stated the report.

The report, however, remains mindful of the possibility that supplementary funds might be required, over and above what has been allocated in the budget. In that case the MoF would have to make additional funds available in the RE.

“The Committee, therefore, recommends that it is incumbent upon the Ministry to take insightful analysis of the expenditure of the allocated funds during the first two quarters of the ongoing financial year (2022-23) so that in case of need of supplementary grant, timely approval can be obtained from the Ministry of Finance at the RE stage,” said the report.

The defence capital outlay provides for land and construction works of the three services, defence equipment, tanks, naval vessels, aircraft and aero engines and dockyards. This is for various services and organisations of the Ministry of Defence, including the army, navy, air force, joint staff, Rashtriya Rifles, defence ordnance factories, Defence Research & Development Organisation (DRDO), Director General Quality Assurance (DGQA), National Cadet Corps (NCC) and the Married Accommodation Project (MAP).

[https://www.business-standard.com/economy/news/after-years-of-underproviding-parliament-panel-welcomes-funds-allocation-123032800982\\_1.html](https://www.business-standard.com/economy/news/after-years-of-underproviding-parliament-panel-welcomes-funds-allocation-123032800982_1.html)



*Tue, 28 Mar 2023*

## **Amogha-III: Bharat Dynamics Test Fires 3rd Generation Man-portable ATGM; Know all About it**

The government-owned defence manufacturing company Bharat Dynamics Limited (BDL) has carried out a successful test of its latest 3rd generation man-portable Anti Tank Guided Missile (ATGM) called ‘Amogha-III’. The field firing test was successfully conducted on March 26, Sunday, fulfilling all mission objectives.

BDL made the revelation through its official Twitter handle. Amogha-III ATGM features a fire-and-forget capability, meaning the missile does not require external intervention following launch. Amogha-III does not require target illumination or wire guidance and is developed by BDL’s Research and Development Division.

The missile was first unveiled by Bharat Dynamics Limited during DefExpo-2020. The first model was handed over to the Indian Defence Ministry by BDL’s CMD Siddharth Mishra on February 7, 2020. Although designed and developed by BDL, India’s premier government agency responsible for the development of technology for use by the nation’s military, the Defence Research and Development Organisation (DRDO) assisted in Amogha-III’s development. Amogha-III further features a Dual mode IIR Seeker with a range of 200 to 2500 metres.

### **How is BDL’s latest Amogha version better?**

A dual-mode IIR (Infrared Imaging Seeker) is an advanced seeker used in missile systems that uses infrared radiation to detect and track targets. The dual-mode IIR seeker combines two

different modes of operation into a single seeker. The first mode is the imaging mode, which is used for target detection and tracking. The second mode is the guidance mode, which is used for guiding the missile to the target.

Notably, in the first mode, the seeker captures high-resolution images of the target, which are processed to determine the target's location and trajectory. Secondly, the seeker uses the target's infrared radiation signature to guide the missile towards the target. Furthermore, Amogha-III is equipped with a Tandem warhead. It is a type of explosive warhead consisting of two separate explosive charges that are detonated in sequence.

The first charge, known as the precursor charge, is designed to penetrate the target's armour and create a hole in it. The second charge, known as the main charge, is then detonated inside the hole created by the precursor charge, maximizing the damage inflicted on the target. The use of a tandem warhead greatly enhances the missile's ability to defeat heavily armoured targets, as the precursor charge weakens the armour, making it easier for the main charge to penetrate and cause damage. BDL's latest missile is also capable of top and direct attack modes.

<https://www.republicworld.com/india-news/general-news/amogha-iii-bharat-dynamics-test-fires-3rd-generation-man-portable-atgm-know-all-about-it-articleshow.html>



*Tue, 28 Mar 2023*

## **CAG Raps Army for Slow Modernization**

In a scathing report, the Comptroller and Auditor General (CAG) has criticized the slow progress of the Indian Army's artillery gun modernisation programme. As of March 2022, the CAG noted that only 8 percent of the initially envisaged guns had been delivered to the Army.

The Army's artillery modernisation plan was formulated in 1999, with the Field Artillery Rationalisation Plan aiming to acquire 2,800 guns by 2027. However, the CAG report highlights that progress has been sluggish, with the replacement of existing guns with state-of-the-art models taking over two decades.

Of the six proposals for acquisition and upgrade of artillery guns, only three turned into contracts, leading to just 17 percent of the proposed acquisitions. The procurement process has been hampered by delays at various stages.

The report emphasizes the need for the Ministry of Defence (MoD) and Army Headquarters to ensure that qualitative requirements are realistic, given the significant delays. The Army's current artillery guns consist of a range of systems inducted since 1965, with the acquisition of self-propelled guns dropped from the modernisation plan without identifying a suitable substitute. Despite undergoing various stages of procurement, two major proposals for the procurement of towed guns and a number of mounted gun systems, accounting for 77 percent of the proposed acquisitions, could not fructify till March 2022, further underscoring the need for swift action.

Financial Express Online has reported last year that in 2019 the Indian Army had inked a deal to buy 114 Dhanush 155mm/45 calibre towed howitzers and these guns have a strike range of 38kms and 18 guns have already been inducted in the service. And another regiment of the same gun is expected to be inducted in the army soon, sources in the defence and security establishment had said.

### **K-9 Vajra**

Army has also deployed the K9-Vajra self-propelled howitzer which weighs around 50 tonnes in eastern Ladakh and at a high altitude this gun helps the Army further strengthen its position against the enemy.

DAC has already given approval for procurement of additional 100 K9 Vajra.

<https://www.financialexpress.com/business/defence-cag-raps-army-for-slow-modernisation-3025065/>



*Wed, 29 Mar 2023*

## **Indian Military Doctrines should Focus on China, not Pakistan**

*By Shishir Gupta*

Prime Minister Narendra Modi will address the last Combined Commanders Conference this Saturday in Bhopal before he and the BJP leadership goes fully into election mode for the 2024 Lok Sabha elections. The three day conference, attended by officers of the ranks of Commander-in-Chiefs and above, will begin on March 30.

The conference comes at a time when there is global turmoil with ongoing war in Ukraine amidst growing Russia-China bonhomie, China eyeing Taiwan in pursuit of self-declared 'One China' policy and rising religious radicalization infusing fresh blood into the terror industry. It is time that the Indian military commanders—many of whom are still steeped in Cold War mindset, are brought to speed over the rapid geo-political changes where old friendships have virtually dissolved and new groupings are being forged to tackle the challenge of aggressive dictatorship in China.

While the Indian military has stood up to the PLA challenge all along the 3488 km Line of Actual Control (LAC) post May 5, 2020 Chinese transgressions in East Ladakh, the tri-services leadership needs to shed its colonial bureaucratic mindset and focus only on its war fighting capabilities. It has to synergize with the infusion of stand-alone weapons, robots, and automatic intelligence as they will determine who wins the future wars. The military leadership must not get digressed into global narratives spun out from either Anglo-Saxon west or the Russia-China détente and instead focus on what is good for India. This means that the military leadership should not be resistant to change and promote faster decision making at the cutting-edge levels. It has been more than three years since PM Modi appointed the first Chief of Defence Staff (CDS) but the creation of military theatre commands is still work in progress with only two steps--joint man ship and integration—complete and two more steps—theatre and joint

operations—left to complete. Admitted that military theatre commands are a big step and requires careful deliberations with formulations of new war doctrines, but the process partly has been dragged by vested interests in the three services as this move will diminish the powers of the Chiefs of Army, Navy and Air Force staffs as the military operations will be with theatre commanders under the CDS.

Just as faster creation of military theatre commands is the responsibility of the tri-service commanders, the success of PM Modi's "Aatmanirbhar Bharat" indigenization program is also their responsibility as only countries with home grown military-industrial complex and latest technology are allowed to sit on the global high table. Rather than aspiring for latest hardware toys from abroad, the military leadership must promote indigenous platforms so that they can be technologically refined for future wars. The need of the hour is to design and develop hardware platforms with the help of Indian private sector, not merely importing latest hardware platforms from abroad.

Indigenous hardware should be accompanied with military leadership evolving its own home-grown war doctrines which are synergized to national objectives rather than be a copy and paste exercise from the so-called studies conducted by sundry think tanks in the west. Simply put, the focus should be on original military tactics and thought and far removed from the word coinage of the Anglo-Saxon west or even China. Fact is that there is hardly any original thinking in military war colleges with words like "kinetic" and "asymmetric" warfare being copied from western think tanks.

While Prime Minister Narendra Modi, Defence Minister Rajnath Singh and National Security Advisor Ajit Doval are expected to spell out their military vision for India at the Bhopal conference, the Indian military needs to decolonize its mindset to imbibe the vision of the political leadership as the latter are much in tune with the times and are clear about India's principal adversary. The new military doctrines should be focused on China and not on its client state Pakistan as the days of blockading Karachi harbor have passed into war history.

<https://www.hindustantimes.com/analysis/indian-military-doctrines-should-focus-on-china-not-pakistan-101680059497887.html>

## अमर उजाला

Wed, 29 Mar 2023

### चीन की चुनौती से निपटने के लिए अमेरिका ने बढ़ाया रक्षा खर्च, 69 लाख करोड़ का बजट किया पेश

अमेरिका के रक्षा मंत्री लॉयड जे ऑस्टिन का कहना है कि चीन की चुनौती को देखते हुए वित्तीय वर्ष 2024 के बजट में रक्षा मद में खर्च में बढ़ोतरी की गई है। बता दें कि अमेरिका ने अपने बजट में रक्षा क्षेत्र पर खर्च करने के लिए 69 लाख करोड़ रुपए आवंटित किए हैं। अमेरिकी रक्षा मंत्री ने कहा कि चीन की चुनौती से निपटने के साथ ही हिंद प्रशांत महासागर क्षेत्र में सैन्य

ताकत बढ़ाने और अमेरिका के सहयोगियों के साथ ज्यादा युद्धाभ्यास करने पर भी फोकस रहेगा।

### **हिंद प्रशांत महासागर क्षेत्र और चीन की चुनौती से निपटने पर फोकस**

वित्तीय वर्ष 2024 के बजट का फोकस हिंद महासागर क्षेत्र की सुरक्षा और चीन की चुनौती से निपटने पर है। बता दें कि इस क्षेत्र के लिए अमेरिका ने रक्षा बजट में 40 प्रतिशत की बढ़ोतरी करते हुए 9.1 बिलियन डॉलर तय किया है। यह इस क्षेत्र की सुरक्षा के लिए अब तक का सबसे बड़ा बजट है। रक्षा मंत्री ने कहा कि इस बजट की तीन प्राथमिकताएं हैं, जिनमें राष्ट्र सुरक्षा, सैनिकों और उनके परिवारों की देखभाल और सहयोगी देशों के साथ सहयोग बढ़ाने पर जोर है। बता दें कि हिंद प्रशांत क्षेत्र में चुनौती बढ़ रही है। यही वजह है कि अमेरिका इस क्षेत्र में स्थित देशों से लगातार सहयोग बढ़ा रहा है।

### **पिछले साल के मुकाबले 13 फीसदी की बढ़ोतरी**

अमेरिकी रक्षा मंत्री ने कहा कि यह रणनीतिक बजट है और चीन की पीपल्स रिपब्लिक ऑफ चाइना की चुनौती को ध्यान में रखकर इसे तैयार किया गया है। बीते साल के मुकाबले अमेरिका ने अपने रक्षा बजट में 13.4 प्रतिशत का इजाफा किया है। वहीं साल 2023 के मुकाबले बजट में तीन फीसदी का इजाफा किया गया है।

### **इन मद में खर्च करेगा अमेरिका**

कुल रक्षा बजट में से 170 बिलियन डॉलर सेना के लिए नए हथियार और अन्य साजो-सामान खरीदने में खर्च किए जाएंगे। 61 बिलियन डॉलर B-21 रेडर पर खर्च किए जाएंगे। वहीं 48 बिलियन डॉलर अमेरिकी नौसेना के लिए नौ युद्धक पोत के निर्माण में खर्च किए जाएंगे। 37.7 बिलियन डॉलर परमाणु हथियारों की कमांड, कंट्रोल और कम्युनिकेशन पर खर्च होंगे। अमेरिकी रक्षा मंत्री ने कहा कि अमेरिकी सेना अकेले नहीं लड़ती इसलिए हमारे लिए सहयोगी देश अहम हैं और बजट में इसका पूरा ध्यान रखा गया है। फिलिपींस के साथ सहयोग बढ़ाया जाएगा और जापान भी अपने रक्षा खर्च को बढ़ा रहा है। AUKUS के द्वारा भी ब्रिटेन और ऑस्ट्रेलिया के साथ रक्षा सहयोग को बढ़ाया जाएगा।

### **सैनिकों के परिवारों के कल्याण पर जोर**

अमेरिकी रक्षा मंत्री ने कहा कि हालिया बजट सैनिकों और उनके परिवारों के कल्याण पर भी फोकस करता है। सैनिकों के आवास भत्ते में इजाफा, सैनिकों के आवासों को बेहतर बनाने, सैनिकों के बच्चों से जुड़ी सुविधाओं को बेहतर करने और उनकी उच्च शिक्षा के लिए कई प्रावधान किए

गए हैं। सैनिकों में यौन शोषण और आत्महत्या की बढ़ती घटनाओं से निपटने के लिए भी कदम उठाए गए हैं।

<https://www.amarujala.com/world/usa-defence-budget-focus-on-china-competition-indo-pacific-security-proposed-842-billion-dollar-lloyd-j-austin-2023-03-29>

## THE ECONOMIC TIMES

*Wed, 29 Mar 2023*

### **Russia Starts Exercises with Yars Intercontinental Ballistic Missiles**

Russia began exercises with the Yars intercontinental ballistic missile system and several thousand of troops, its defence ministry said on Wednesday, in what is likely to be seen as another attempt by Moscow to show off its nuclear strength.

President Vladimir Putin has aimed to make the Yars missile system, which replaced the Topol system, part of Russia's "invincible weapons" and the mainstay of the ground-based component of its nuclear arsenal.

"In total, more than 3,000 military personnel and about 300 pieces of equipment are involved in the exercises," the defence ministry said in a statement on the Telegram messaging service.

The drills involve the Strategic Missile Forces comprehensive control checking of the Omsk missile formation together with a command and staff exercise with the Novosibirsk missile formation equipped with the Yars systems.

During the exercises, the Yars mobile systems will conduct manoeuvres in three Russian regions, the ministry said, without identifying the regions.

"Also, strategic missilemen will carry out a set of measures to camouflage and counter modern aerial reconnaissance means in cooperation with formations and units of the Central Military District and the Aerospace Forces."

There are few confirmed tactical and technical characteristics of the Yars mobile intercontinental ballistic missile systems, which reportedly have an operational range of 12,000 km (7,500 miles).

According to military bloggers, the systems are able to carry multiple independently targetable nuclear warheads and can be mounted on a truck carriers or deployed in silos.

Since launching an invasion of Ukraine in February last year, Russia has conducted numerous military exercises on its own or with other countries, such as China or South Africa.

It has also increased military training with Belarus, which borders both Russia and Ukraine, conducting a series of comprehensive drills over the past year.

<https://economictimes.indiatimes.com/news/defence/russia-starts-exercises-with-yars-intercontinental-ballistic-missiles/articleshow/99077159.cms>



*Tue, 28 Mar 2023*

## **'Pressure from the US...': Belarus Justifies Decision to Host Russian Tactical Nuclear Weapons**

Belarus said on Tuesday (March 28) that it was forced to host Russian nuclear weapons after the "unprecedented" pressure from the NATO nations and the West. The staunch Russian ally further insisted that their deployment did not violate international agreements. Belarus accused the United States and its allies of putting pressure with the aim of changing its political and geopolitical direction.

Putin recently talked about tactical nuclear weapons in a televised interview, saying that Russia would deploy the weapons "without violating our international agreements on nuclear non-proliferation". Putin had mentioned that he spoke to his Belarusian ally Alexander Lukashenko and that they had "agreed to do the same".

As quoted by news agencies, the Belarusian foreign ministry in Minsk said it "is forced to respond to strengthen its own security and defence capability."

It said, "Over the last two and a half years, the Republic of Belarus has been subjected to unprecedented political, economic and information pressure from the United States, the United Kingdom and its NATO allies, as well as the member states of the European Union."

"In view of these circumstances, and the legitimate concerns and risks in the sphere of national security arising from them, Belarus is forced to respond by strengthening its own security and defence capabilities," it further added.

Recently, a training exercise took place involving an air defence unit armed with Russian-supplied Tor M2K missile launchers. Belarus's defence ministry released a video showing details.

According to Belarusian and Russian defence and industry sources, the system is capable of bringing down a variety of enemy targets, including cruise missiles, glided bombs, drones and aircraft.

Meanwhile, Poland's prime minister said on Tuesday that Belarus will certainly face further European sanctions due to a Russian plan to station tactical nuclear weapons in the country. His remarks came as tensions between Warsaw and Minsk hit new highs.

Polish Prime Minister Mateusz Morawiecki told a news conference in Bucharest: "This step taken by Russia... the announcement of the deployment of nuclear weapons in Belarus, will certainly lead to the announcement of additional sanctions, the level of sanctions will be much more severe for the Lukashenko regime."

<https://www.wionews.com/world/pressure-from-the-us-belarus-justifies-decision-to-host-russian-tactical-nuclear-weapons-576668>



## Microsoft Launches GPT-4 based Security Copilot for Cyber Defence

Tech giant Microsoft has launched its new “Security Copilot” for cyber defence which is based on Open AI’s GPT-4 technology.

Microsoft Security Copilot quickly detects and responds to threats and better understands the threat landscape overall, the tech giant said in a statement.

“Security Copilot will combine Microsoft’s vast threat intelligence footprint with industry leading expertise to augment the work of security professionals through an easy-to-use AI assistant.”

This new tool is currently available through private preview.

“Today the odds remain stacked against cybersecurity professionals. Too often, they fight an asymmetric battle against relentless and sophisticated attackers,” Vasu Jakkal, corporate vice president, Microsoft Security said.

“With Security Copilot, we are shifting the balance of power into our favour. Security Copilot is the first and only generative AI security product enabling defenders to move at the speed and scale of AI,” Jakkal added.

With the new Copilot, defenders can see what is occurring in their environment, learn from the information that already exists, correlate threat activity, and make more informed, effective decisions at machine speed.

Also, the tool is intended to work seamlessly with security teams.

To make sure that security teams are working with the most recent understanding of attackers, their tactics, techniques and procedures, Security Copilot will also continuously learn and improve, the company said.

“With Security Copilot we are building a future where every defender is empowered with the tools and technologies necessary to make the world a safer place,” Charlie Bell, executive vice president, Microsoft Security said.

<https://www.thestatesman.com/technology/microsoft-launches-gpt-4-based-security-copilot-for-cyber-defence-1503167278.html>

