

Vice-President's address at the interaction with the IDES Officer Trainees of 2023 Batch

Chennai, July 08 2024: Good evening, all of you! Numbers don't matter, spirit matters, from my perspective and yours as well!

It's a great day, I will ever remember it. I always get inspired, motivated, surcharged, energised, when I come across young professionals like you because it is on your shoulders as most vital stakeholders to see that vision of Bharat fructifies as viksit bharat in 2047.

Shri. Giridhar Aramane, Defence Secretary!

Going to the background you will find a man, his hands are full. He has to attend to so many aspects related to his functioning. His presence here means a lot. A bureaucrat with commitment and has navigated the ministry to the greater Heights. Things have been systematized, change has been brought out and it is perceptible. Look at Vikrant, we have it, look at frigates, look at Tejas, look at helicopters, look at what happens in the sky, look at what the prime minister announced in 2019 space to space. He is a critical fulcrum to bring about this big change and therefore it's time and the kind of commitment he has shown you must always remember.

Shri G S Rajeshwaran, Director General, Defence Estates

Shri Rajendra Pawar, director NIDEM

It gives me immense pleasure to address this occasion and this is a momentous occasion in your career for you, your family and friends to be part of the service in a country that is home to 1/6th of humanity. It is not easy to be part of the present growth story of Bharat. You are fortunate. During my time it was absolutely unbearable. what we saw and what we felt was very different then what you are feeling today. As a matter of fact you have an ecosystem that allows you to fully exploit

your talent, realise your ambitions and your one ambition has fructify.

Now onwards you are a vital aspect of governance with potential to be harbingers of change and a change that is well scripted and firmed up on recent foundational phenomenal accomplishments making our Bharat one of the fastest growing large globaleconomies.

You will be surprised when I was elected to parliament in 1989 I was a Union Minister. The size of the Indian economy was smaller than the size of the economies of Paris and London. Look at where we have come. We are already the 5th largest economy and on the way to become the third largest global economy in the next 2 to 3 years.

Your presence here, as a culmination of hard work and academic excellence, is a testament to your commitment to the noble ideals of public service.

I find from your profile that you could have gone to other areas. You could have fallen prey to money but what you get in this service is satisfaction and happiness to be part of governance that is making life better for 1.4 billion people. That satisfaction you have everyday and this because you are destined.

I'm sure you will avail the opportunity to serve the nation with dedication and commitment.

Resolve, you will never take shortcuts, Resolve you will never be tempted to make in transgression of laws. You have to exemplify your conduct by highest ethical standards. As a matter of fact to the people at large you are a symbol of change that can bring about change. People will look into you and tell their children to be like them.

We have moved into times when variations are taking place and every service of the union is now of standalone importance. It is a big change that has taken place. Your contribution is as

significant as any other service. I have no doubt you will vindicate it.

All through you need to exemplify discipline, decorum and worth emulating commitment to nationalism.

Friends, you are more than part of the service. Don't take it that you are a member of IDES. You have to represent a profound commitment. When you got selected there was great relief for your parents, for your relatives, and for others. just imagine one person in the family getting into the service and value of family changes socially. It does not happen when you get a fat package in corporate. that is the distinction

The landscape of defense and governance is rapidly changing. Technological advancements, geopolitical shifts, and complex administrative functions require us to continuously adapt fast changing and evolving technologies and innovate.

There was a reflection on how Technology can be used. Disruptive Technology has come to stay here. They offer challenges, they offer opportunities. In your field you will have to use them. Artificial intelligence, internet of things, machine learning, blockchain all these things you will have to grapple with. To me not long ago these were just words but when I got a presentation from the secretary of the department it was an eye opener for me. as impressionable Minds in technology you keep on learning. Your learning will never stop. The moment you stop learning, your commitment to public service will slide and downwards so update yourself at global benchmark

Defense lands are crucial to our national security. These support various establishments, training facilities, and strategic installations. Your innovative spirit, foresight, and contributions will have a lasting impact. You have to be innovative, you have to be different. You have to ensure not only the physical boundaries are safe, you have to nurture. You have to take care of environmental issues. I am happy to note that in the last few years there has been a paradigm shift in handling this matter. But the world is changing at every moment you can contribute. You have land which grows trees but you can be little more. I had the occasion to go to one of the institutes and talk about herbal plants, herbal Gardens. I indicated to them that every village must have that maybe time



taking but not with your establishment in a structured manner. If you make it a point it will impact the society at large. I am sure you will take note of it.

Managing defense estates is turning out to be a growing challenge. It is getting beyond physical maintenance. You're required to update yourself with the latest land record techniques of a global nature. These technological helps you to immediately detect the changes that have taken place over a period of time. they constitute a great evidence value. you have to use it. you have to be extremely careful about.

It is not a matter of maintenance, it is much beyond physical maintenance. Unauthorised encroachments and unauthorised constructions is undeniably concerning and calls for swift systemic resolution but timely effective action would always generate deterrence. This aspect calls for due attention of all concerned. These efforts safeguard the sanctity of our defense installations and uphold the rule of law.

If there is a challenge by way of encroachment that challenge in civil society is painful but when it comes to Defence establishment, defense States it's very alarming. One cannot be more serious than an encroachment, unauthorised construction in a Defence Estate

Litigation handling should also be structured. We have a system that is changing but it is too slow so far. In a sense it is rewarding for the one who has engaged in unauthorised construction and I would therefore appeal that those of you who get the opportunity to deal the litigation side of it please do your homework and get thoroughly into it and I am sure there will be great benefit to the institution you are serving.

Your advisory role to the Defence Ministry on matters concerning

Cantonments and defense land is invaluable. Your insights and recommendations shape policies that enhance the operational effectiveness and sustainability of our defense infrastructure.

Let me tell you a plan development has no substitute. At home development is very painful. Let me give you a small illustration: in 1989 I was elected to Parliament. We had the main Parliament building which is now sanvidhan Sadan and we went for an extension annexe, then we added another extension then we added a library. Fortunately now with a new building of Parliament coming up things are taking shape. So you have to be very thoughtful, you have to take a view from like a satellite view. If you have a role to play make sure it fits in the plan.

Cantonments are unique administrative units that house our defense personnel, their families, and a significant civilian population.

your roll is very critical. There will be pressure, there may be pulls but you have to be firm. your firmness has to be firmed up by legal premise. Always ensure that in cantonment your efficiency must be reflected. they should be in a position to quote what happens in cantonment should happen in other areas

In any Municipal area cantonment management is far ahead. they quote it but you have to be on incremental trajectory

While ensuring secure and well-managed estates is critical, your vision can extend beyond the traditional scope.

We are kind of having the fourth revolution in the shape of destructive Technology. Now you can be innovative. you can know the development from your office. you can inspire the people working under you. even if they are all the category that they are not technically literate because it is our country where adaptability is Swift and that is why in digitisation our country is a model to be emulated as

per the World bank. So in spite of others if you hold your subordinates, counsel them they will also get technologically literate.

I would strongly suggest that special attention be paid to Horticulture and that has not to be ADHOC. You don't have to manage in conventional way. You don't have to manage in physical way. You have to manage in scientific way. You have to employ technology at every moment. if you are managing a street or part of the management. The mobile in your hand is good enough to let you know what is happening where at any point of time. you must learn it.

Most of you are drawn from engineering section but those who are not drawn are in much better place because you will have the urge to learn more. they have already learnt so no one is a loser here.

Friends, India is a country like no other. Look around which country can boost of civilizational depth of 5000 years, no other country and look at our Civilization ethos, look at our concept full of sublimity. Taking note of entire humanity Vasudev Kutumbakam, the Defence Secretary knows the kind of success we have in G20. every part of the country had the occasion to host G20 functions and the one and delhi Bharat Mandapam or the new building of the Parliament you just go there you will be exposed to 5000 years of Civilizational depth.

In your Defence Estate you will have historical aspect. Wherever you go you will find a heritage relativity to Defense establishments that has to be measured because Heritage is a source of pride and needs to be effectively communicated to the world

When we were of your age there was no electricity in the village, no road, no toilet, no gas, no connection, no bank account. We did not know what is meant by mobile telephone. Then we slowly saw that to phone in house

was a status symbol and slowly we came there was no television. Then we had television for 1 hour and neighbours used to come. Where have we gone look at now.

A great change you noticed when no marriage in rural India was complete without a VCR or VCD. Do we see it now? it has been vanished

In late 90 is a great revolution came that you have telephone booth. Big revolution! Line used to be there at midnight. People will call their relatives abroad. It has been vanished because technology is the greatest leveller. My firm belief is that education is the only conveyance that brings about equality and contains inequity. Next to education Technology. It is a part of education as a matter of fact. it brings about change. Over the night it can create a landscape unimaginable.

Friends you stand at a time when India is in Transformative mode. The growth trajectory is continually incremental. There is a marathon March for viksit Bharat at 2047 by virtue of your position, age you are part of this Marathon March. You are significant part of this Marathon March your stake holding in governance is far more critical than our stakeholding. We can help you now but you have to be the drivers you have to be the main propelling force to see India becomes a viksit nation in 2047.

Governance of our country for last 10 years has been amazing. What my generation never dreamt what my generation ever thought of, what I never dreamt I am fortunate to see it as a ground reality. When I was a number of Parliament 34 years ago every member of parliament was given 50 gas connections and to him it was a great opportunities to get 50 gas connection. Look at now how many crores gas connection have been given to the needy. I don't want to take you to the development landscape but could we imagine in a country like ours every household will have a toilet.

The Defence Secretary is a part of the mechanism that has brought about a big change in the country. On civil services day I spoke to the nation in Vigyan Bhavan that we have enormously talented Bureaucracy in the country which is

unrivaled. it can achieve anything at nuclear speed provided it does not carry a deadweight of flawed policy's delayed decisions that change is now coming. when a nation is in a long journey there will be air pockets, those air pockets will be in economy we came out of it, there will be air pockets in political journey but these don't generate deterrence. That directional approach is correct and I can assure you the next coming years governance in the country will define our position globally. The entire award is looking at Bharat as a Shining Star. We have an ecosystem of hope and possibility. The world acclaim us as favorite destination of investment and opportunity and in that ecosystem your role is very significant. you have to protect just not it's physical boundaries but from security angle also. I have no doubt that all of you will rise to the occasion.

Your pivotal role in managing defense estates and optimizing resource utilization is crucial to our national progress.

Your dedicated efforts ensure that our defense forces have the essential infrastructure to safeguard our nation and its interests.

Together, let us continue to build a stronger, more prosperous India in line with the vision of "Viksit Bharat@2047".

Let us harness the immense potential of our people and resources to shape a future that not only exceeds the dreams of my generation but also sets new benchmarks for future generations.

I wish all of you success in your careers. I appeal to you: whatever challenges you may face, always prioritize our Nation First. This isn't a choice; it's the only path forward toward realizing our aspirations of "Viksit Bharat@2047".

It is not optional! your commitment to Nation should take precedence over everything else and you are attached to a mechanism which is relatable to the security of the nation and the best way of Defence is to be ever prepared for War, the best way of Defence is to have your establishments in a dry powder situation that you will be doing in your life.

Thank you. Jai Hind!

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Union Cabinet approves India's signing of the Biodiversity Beyond National Jurisdiction (BBNJ) Agreement

Chennai July 08 2024: The Union Cabinet, chaired by Prime Minister Narendra Modi, has approved India to sign the Biodiversity Beyond National Jurisdiction (BBNJ) Agreement. This landmark decision marks a significant step towards the conservation and sustainable utilisation of marine biological diversity in areas beyond national jurisdiction. Often referred to as the 'High Seas', areas beyond the national jurisdiction are the global common oceans open to all for internationally lawful purposes such as navigation, overflight, laying submarine cables and pipelines, etc. The Ministry of Earth Sciences will spearhead the country's implementation of the BBNJ Agreement.

Dr Jitendra Singh, Honourable Minister of State (Independent Charge) of the Ministry of Earth Sciences and Ministry of Science and

Technology; Minister of State in the Prime Minister's Office, Ministry of Personnel, Public Grievances and Pensions, Department of Atomic Energy; and Department of Space, said "India remains committed and proactive to the global cause of environmental conservation and sustainable development. We will be signing (the BBNJ Agreement) and are propitious of subsequently ratifying it through the necessary legislative processes". The government is aligned to scientific progress, strengthening international collaboration, and promoting governance, transparency, accountability, and the rule of law", he added. The Cabinet meeting was held on July 02, 2024.

The BBNJ Agreement, or the 'High Seas Treaty', is an international treaty under the United Nations Convention on



the Law of the Sea (UNCLOS). It aims to address the growing concerns over the long-term protection of marine biodiversity in the high seas. It sets precise mechanisms for the sustainable use of marine biological diversity through international cooperation and coordination. Parties cannot claim or exercise sovereign rights over marine

resources derived from the high seas and ensure fair and equitable sharing of benefits. It follows an inclusive, integrated, ecosystem-centric approach based on the precautionary principle and promotes using traditional knowledge and the best available scientific knowledge. It helps minimise impacts on the marine environment through

area-based management tools and establishes rules for conducting environmental impact assessments. It would also contribute to achieving several SDGs, particularly SDG14 (Life Below Water).

Dr Ravichandran, Secretary, MoES, elaborating on the benefits for India, said, "The BBNJ

Agreement allows us to enhance our strategic presence in areas beyond our EEZ (Exclusive Economic Zone), which is very promising. In addition to shared monetary benefits, it will further strengthen our marine conservation efforts and collaborations, open newer avenues for scientific research and development, access to samples, sequences and

information, capacity building and technology transfer, etc., not just for us but for the benefit of the entire humankind". He added that India signing the BBNJ Agreement is another crucial step towards ensuring that our oceans remain healthy and resilient.

The BBNJ Agreement will be the third implementation agreement under UNCLOS if and when it enters into force, alongside its sister implementation agreements: the 1994 Part XI Implementation Agreement (which addresses the exploration and extraction of mineral resources in the international seabed area) and the 1995 UN Fish Stocks Agreement (which addresses the conservation and management of straddling and highly migratory fish stocks).

UNCLOS was adopted on December 10, 1982, and came into force on

November 16, 1994. It is crucial for the protection of the seas and addressing maritime boundaries, rights to marine resources, and dispute resolution. It establishes the International Seabed Authority to regulate mining and related activities on the ocean floor beyond national jurisdiction. As of today, more than 160 countries have ratified UNCLOS. It is vital to maintaining order, equity, and fairness in using the world's oceans. The BBNJ Agreement was agreed upon in March 2023 and is open for signature for two years starting September 2023. It will be an international legally binding treaty after it enters force 120 days after the 60th ratification, acceptance, approval or accession. As of June 2024, 91 countries have signed the BBNJ Agreement, and eight Parties have ratified it.

Minmini App Announces collaboration with Music Icon Yuvan's new track "She's the Killer"

Chennai July 08 2024: Minmini App, the World's first Tamil Hyperlocal Social Media App has announced its collaboration with U1 Records, the music label owned by legendary music composer Yuvan.

The App is thrilled to announce the launch of #U1vibes a unique campaign on its App and a contest to celebrate the release of the musician's latest music video, "She's a Killer."

The contest, which began on 5th Jul. '24 invites fans and followers of Yuvan to showcase their creativity, by posting videos using the song exclusively on the Minmini app along with the #U1vibes hashtag.

S. Shriram, Executive Vice President of Minmini App, expressed his enthusiasm for the contest saying, "We are delighted to partner with the legendary music icon Yuvan for

the first time ever, to promote the #U1vibes contest. This collaboration brings a unique opportunity for fans to engage creatively with the music they love".

"This initiative not only celebrates his incredible talent and music, but also provides a platform for his ardent fans to express their creativity. We look forward to seeing the diverse and innovative content that participants will bring to the table", he added.



Users can download the Minmini App from Google Play Store or Apple App Store and post their videos with creativity, using "She's the Killer" song along with the #U1vibes hashtag.

"Hey Minmini app users, there are lots of gifts waiting for you. All you need to do is to post a video with "she's the killer" song and #U1vibes on the Minmini app", said Yuvan in a short video that's going viral on the world wide web across

social media platforms.

Directed, written and composed by Yuvan, the song brings to life, a fun and spirited love song about a guy who becomes instantly captivated by a woman he meets briefly.

Minmini App was launched in Jan. '24 and has garnered over 3 lakhs+ downloads in the last six months. The App was the "Official Social Media Partner" for the

Chennai Super Kings cricket team during the IPL 2024 season and gave away over 400+ tickets to its users for winning various contests related to CSK on the app.

The App hosts over 10,000 small, medium & nano creators from many parts of the world such as Australia, Canada, USA and the UAE and is currently building an incredible talent pool of small and newbie creators worldwide on its App.

Niharika Entertainment, The Show People, Handmade Films jointly produce, Arya presents, 'DD Returns' sequel with Santhanam as protagonist

Chennai July 08 2024: Produced by Niharika Entertainment, The Show People and Handmade Films on a huge budget, this yet-untitled film will be presented by actor Arya.

S. Prem Anand who directed 'DD Returns' is helming this new film as well. Popular stars are going to play important roles. The title and cast of the movie will be announced soon.

Speaking about the

film, director Prem Anand said, "DD Returns which was released in July last year was a huge success with great response from audience from all walks of life. We have been working on the script of its sequel for the past one year and have recently completed it. From children to adults, everyone will laugh and enjoy this flick too."

He added, "The story of this film starts on a cruise ship and takes place on an



island. We are going to erect sets with a huge budget. It's great that Niharika Entertainment, actor

Arya and Santhanam have teamed up to produce this film. It will be more exciting and hilarious than 'DD

Returns'. The film will be an enjoyable experience to fans of all age groups."

Dipak Kumar Padhy handles the cinematography of 'DD Returns' sequel, and Ofro composes the



music. Bharath is in charge of editing and AR Mohan handles art direction. With the pooja taking place today in the presence of

film personalities and the movie's crew, shooting will commence subsequently.

Combustion research at Department of Science and Technology supported centre provides base for space tech startup fuelling India's march towards low-cost space missions

Chennai, July 08 2024: An innovative two-stage orbital launch vehicle called Agnibaan powered by India's first patented Single-Piece 3D-printed Semi-Cryogenic Engines developed and incubated at IIT Madras was launched on 30th May 2024, marking a significant milestone for the country's space ecosystem.

The state-of-the-art launch vehicle paves the way for more frequent missions for India and also for making the country a commercial hub in the space sector.

The Launch Vehicle has been developed by Agnikul, a startup in space-tech. Agnikul is incubated at Incubation Cell, IIT Madras [a TBI supported by Department of Science and Technology (DST)] and has been showcased in startup expo during DST's Startup Utsav during August 2022. The startup works out of the National Centre for Combustion Research and Development (NCCRD) at IIT Madras which is supported by the Department of Science and Technology (DST).

supported by DST develops state-of-the-art capabilities in combustion research. It is world's largest combustion research centre working on automotive, thermal power and aerospace propulsion, fire research and microgravity combustion. Apart from academic research and training, NCCRD works closely with industrial and R&D organizations.

Working out of

IGUANAS SEIZED BY Chennai Air Customs

Chennai July 08 2024: On 05.07.2024, Air Intelligence Officers of Anna International Airport at Chennai intercepted a male passenger, who had arrived from Bangkok on the basis of an intelligence. On examination of the baggage carried by the passenger Shri Ateeq Ahmed, officers found Exotic Wildlife species concealed in carton boxes. Immediately on recovery of the boxes containing wildlife animals, officials from Wildlife Crime Control Bureau at Chennai were informed. Shri Doki Adimalliah, Wildlife Inspector, WCCB, Southern Region, Chennai on examination of the wildlife species identified the Exotic Wildlife species:

Common name of



NCCRD, the Chennai-based startup has developed a range of technologies that can improve the reliability of space engines and speed up their manufacturing, making it easier to organize space missions. The startup has successfully launched its first inaugural mission - Agnibaan SORTeD. Agnibaan SORTeD (Agnibaan Sub-Orbital Technology Demonstrator) is a single-stage vehicle propelled by a single semi-cryogenic pressure-fed engine which has been used for Agnibaan. This endeavour took place from India's first private launchpad at SDSC SHAR.

NCCRD supported by DST has been the training ground for Agnikul, where they learnt the intricacies of building a rocket and this helped the startup figure out the technology in the initial phases. Another Technology Innovation Hub (TIH) funded by



the species: Green Baby Iguana(229 Nos.), Orange Baby Iguana(113 Nos.), Yellow Baby Iguana(7 Nos.), Blue Baby Iguana(53 Nos.)

Scientific Name: Iguana iguana(Green, Orange and Yellow), Cyclura lewisi (Blue Iguana)

Out of the total 402 Nos. of baby Iguanas, 67 Nos. were already found dead. The dead baby Iguanas were

DST, Pravartak Technologies from IIT Madras became their partners for developing and commercializing technologies for Space and Deep Space.

The Government's opening up of the space market for private players provided an opportunity in the sector. They used the technologies they had developed to start a manufacturing the engines at the company's additive manufacturing facility at IIT Madras Research Park, popularly called the Agnikul Rocket Factory - 01 which was inaugurated in 2022.

Agnikul's groundbreaking achievement is the engine which assembles the individual components, a feature that makes it unique. It is manufactured with high-grade aerospace materials making it more reliable. This also reduces the realization time and facilitates faster manufacturing as compared to

Schedule-IV Wildlife (Protection) Act, 1972 read with DGFT Import Policy, were seized under The Customs Act, 1962 read with the provisions of Wild Life (Protection) Act, 1972.

The Air Customs Officials treated the rescued exotic animals at the airport with utmost care with the help of WCCB Officials. The live species were deported back to Bangkok after being certified. Shri Ateeq Ahmed, who attempted to smuggle the exotic species from Bangkok into India was arrested and produced before Judge at Alandur Court who remanded him to judicial custody. He was sent to Central Prison at Puzhal. Further investigation is in progress to identify the person involved in the crime.

All of the above mentioned species, covered under the Convention on International Trade on Endangered Species (CITES), Appendix-I & Appendix-II under

traditionally manufactured engines.

The DST's TBI supported startup established India's first private launchpad along with a Mission Control Centre at Sriharikota range. The plan, the design, and the execution of construction of the launchpad are completely done in-house.

Apart from this, the autopilot software developed by the company ensures that the vehicle remains on the mission path despite all the externalities, which is critical for any mission.

The launch vehicle, Agnibaan is India's first launch vehicle to feed propellants through a powerful and compact electric drive. The inhouse developed High-speed motor controller can deliver high power at high frequency and the noise generated by switching high voltages is mitigated by proper shielding and earthing.

The bunch of technologies including the World's first single-piece 3D printed engine, and configurable vehicle makes the launch cost the same across the spectrum of payload mass - 30 kg to 300 kg.

Launch of Agnibaan SorTeD by the DST - TBI supported startup helped achieve the world's first flight with a single-piece patented rocket engine, India's first semi-cryogenic engine flight, first flight with Ethernet-based avionics architecture, and stands as the first controlled ascent flight from India.

Scientists trace the effect of plasma composition on dynamics of astrophysical jets from celestial bodies

Chennai, July 08

2024: Scientists have traced the effect of plasma composition of astrophysical jets which are outflows of ionized matter that are emitted as extended beams from celestial objects like black holes, neutron stars and pulsars.

Despite years of research, it is not known with what kind of matter astrophysical jets are composed of—whether they are made of bare electrons or protons or whether positively charged electrons called positrons are also present. Knowing the jet composition is vital as it will allow to pinpoint on the exact physical process at work near black holes and neutron stars. In general, in theoretical studies the relation between thermodynamic quantities of the jet like mass density, energy density and pressure do not have the information of composition. Such relation is called equation of state of the jet matter.

Scientists from

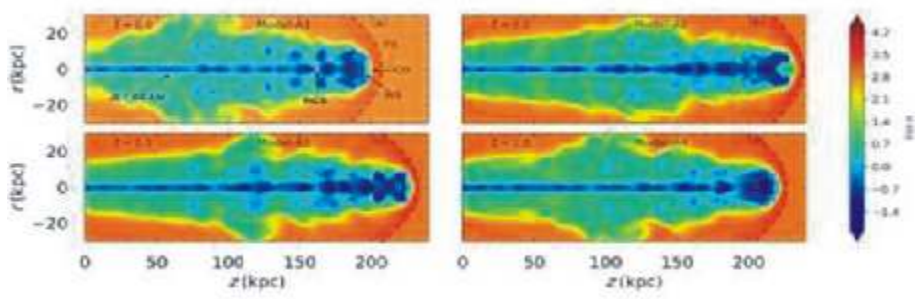
Cantonment areas must set example for other municipalities to emulate - Vice President

Chennai, July 08

2024: The Vice-President, Shri Jagdeep Dhankhar today emphasised the need to take care of the environment and nurture vegetation inside cantonment areas. He suggested that this could be achieved by promoting herbal plantations and horticulture on defence estate land in a structured manner for the larger benefit of the society.

Interacting with the Officer Trainees of the 2023 batch of the Indian Defence Estates Service at the Vice-President's Enclave today, Shri Dhankhar said that cantonment areas must be an example for other bodies (such as municipalities) in cleanliness, greenery and civic amenities.

Referring to the evolving technological and geopolitical landscape, VP advised the young officers to



Aryabhata Research Institute of observational sciences (ARIES), an autonomous institute of the Department of Science and Technology (DST), Govt. of India, used a relativistic equation of state which was partly proposed by them in an earlier paper on the role of composition of relativistic plasma in the actual evolution of jets.

The research was led by Raj Kishor Joshi and Dr. Indranil Chattopadhyay from ARIES and has been published in the Astrophysical Journal (ApJ). The authors upgraded a numerical simulation code earlier developed by Dr. Chattopadhyay, used the said equation of state to study the dynamics of

astrophysical jets composed of mixture of electrons, positrons (positively charged electrons), and protons. The authors showed that the change in plasma composition leads to the difference in propagation velocities of the jets even if the initial parameters for the jets remain the same. Jets composed of electrons and positrons were found to be slowest in comparison to jets containing protons, contrary to expectation. Protons are about two thousand times more massive than electrons or positrons.

It is essential to understand the plasma composition of jets as the change in plasma composition changes the internal energy of the jet which is reflected in the change

in propagation speeds. In addition, the plasma composition also affects the jet structures like number and strength of recollimation shocks, shape and dynamics of reverse shock and so on. Recollimation shocks are the regions in the jet beam that form due to the interaction of the jet beam with the backflowing material.

The electron-positron jets show more pronounced turbulent structures. The growth of these structures also results in the deceleration of the jets. The formation and growth of turbulent structures are known to affect the stability of the jets. Hence, plasma composition may also influence the long-term stability of the jets.



continually adapt to the fast changing scenario. Asking the officers to always keep the nation first, he underscored that, "The best way of defence is to be ever prepared for war."

Describing defence lands as crucial for our security, he noted many challenges faced in management of defence lands such as encroachments and subsequent legal wrangling. He advised the officer trainees to make the best use of technology for land management. This would enable you to monitor any incursion and take swift

immense historical

remedial action in a resolute manner. VP, a renowned lawyer, also stressed the need for structuring the litigation handling in such matters.

Exhorting the probationers to never take shortcuts, VP asked them to exemplify ethical conduct and be role models for others. "Be firm even when you face pulls and pressures," he told the officers while urging them to work for building a Viksit Bharat by the year 2047.

Noting that the defence estate holds

and heritage value, the Vice-President called for a long term view in its planning and development.

Dr. Sudesh Dhankhar, Shri Giridhar Aramane, Secretary, Ministry of Defence, Shri G. S. Rajeswaran, Director General, Defence Estates, Shri Rajendra Pawar, Director, National Institute of Defence Estates Management,

Officer Trainees, Senior Officers from the Indian Defence Estates Service and the Vice President's Secretariat were present.

SNACK ANYTIME, ANYWHERE WITH THE NEW RANGE OF KFC ROLLS

Pick any of the new KFC Rolls at just INR 99

Chennai July 08 2024: Hunger can strike anywhere and anytime. And in these moments, there's often confusion about what to eat.

Presenting the perfect solution to this the new range of KFC Rolls.

These deliciously unique Rolls ko "kahin bhi khao". No matter where you are or what time of the day it is, choose from the range of 5 exciting flavours including Thai Spicy, Korean Tangy, American Nashville, Indian Tandoori and Indian Spicy Veg.

The latest menu offerings come at an



which combines quintessentially Korean flavours like kimchi with the finger lickin' good taste of KFC. And for those craving flavours which are a little closer home, there is the Indian Tandoori Roll and the Indian Spicy Veg Roll.

Now no more confusion when hunger strikes - get rolling with the range of new KFC Rolls. Enjoy by ordering across all KFC restaurants for dine-in and takeaway, via the all-new convenient KFC app, or on the website (<https://online.kfc.co.in/>).

unbelievable price of wrapped in a warm, flaky paratha, while the Thai Spicy Roll combines juicy chicken with veggies, and is topped with Thai sriracha and dynamite sauces.

If you are looking for something a little different, grab a bite of the Korean Tangy Roll

Tata Motors Group global wholesales at 3,29,847 in Q1 FY25

Chennai July 08 2024: The Tata Motors Group global wholesales in Q1 FY25, including Jaguar Land Rover** were at 3,29,847 nos., higher by 2%, as compared to Q1 FY24.

Global wholesales of all Tata Motors' commercial vehicles and Tata Daewoo range in Q1 FY25 were at 93,410 nos., higher by 6%, over Q1 FY24.

Global wholesales for Jaguar Land

Rover** were 97,755 vehicles, higher by 5%. Jaguar wholesales for the quarter were 8,227 vehicles, while Land Rover wholesales for the quarter were 89,528 vehicles.

Expanding Elevator Designs and Customer Choice: Otis India Unveils Modular Series with Hundreds of Design Combinations

Chennai July 08 2024: Otis India, a subsidiary of Otis Worldwide Corporation (NYSE: OTIS) the global leader in the manufacture, installation and servicing of elevators and escalators, has introduced the Modular Series, 360 possible design combinations giving customers the flexibility to customize the look and feel of their elevator.

The Modular Series will be offered on the popular Gen2® Nova and Gen2® Life products, both manufactured in Bangalore. Architects, designers, and building owners can tailor their design choices to suit their



unique preferences and project requirements to better complement the building aesthetics and provide memorable user experiences.

modern, impactful aesthetics and functionality, and their expectations for how our elevators can contribute to shaping the overall positive experience for a building's occupants and visitors. Our Modular Series expands their current options by providing fresh and exciting choices to bring their creative visions to life."

The Modular Series follows the recent successful introductions of our Aura, Atmos, and Ambiance aesthetics options in India, and clearly shows our commitment to redefining the elevator experience for our existing and future customers.

"This is a significant and exciting new offer for our customers," said Sebi Joseph, President of Otis India. "We've listened carefully to their aspirations for

National Commission of Minorities Holds Meeting with States/UTs to Discuss Implementation of Anand Marriage Act

Chennai July 08 2024: National Commission for Minorities today held a video conference meeting under the chairmanship of

Chairman, National Commission for Minorities, with 18 States/UTs to discuss the implementation and registration of marriages of Sikhs

under Anand Marriage Act. Some of the States including Jharkhand, Maharashtra and Meghalaya reported implementation of the said Act in their

Indian Life insurers register record new business figures in Jun'24; premium collection and policy issuances swell by 22.91% and 11.89% respectively on a YTD basis



Life Insurance Council
Together in service

Mumbai July 08 2024: Life Insurance Council has released updated industry business numbers for the month of Jun 2024. Amongst several key highlights, new business premiums (NBPs) underwritten by Indian life insurers has achieved a robust Y-o-Y growth of 14.80% in the month of Jun 2024, with YTD figures recording a 22.91% growth over the same period last year. New business premiums expanded from Rs.36,961 Crs in Jun 2023 to Rs.42,433 Crs in Jun'24, with YTD collections growing even more from Rs.73,004 Crs to Rs.89,726 Crs this quarter. Driven by a strong demand for enhanced insurance protection from individual consumers,

new policy issuances too increased by 12.13% on a Y-o-Y basis in Jun'24, resulting in the addition of new 21,79,282 policies vis-à-vis 19,43,529 policies in the year ago period.

According to data released by the Life Insurance Council, the life insurance industry saw individual single premiums growing by 5.94% on a Y-o-Y basis to close at Rs.3,823 Crs for Jun'24 while YTD growth stood at 14.87%. Individual non-single premiums came in at Rs.8,310 Crs and grew by 19.61% in Jun'24, even as YTD collections settled at 19.92% higher than the corresponding period last year. This strong performance can be

ascribed to the fact that life insurers are increasingly focusing on encouraging first-time life insurance buyers to buy essential life insurance solutions, contributing to the 14.93% growth in combined individual premium collections for the month of Jun'24 and 18.25% growth on a YTD basis. In the Group policy segment, single premiums grew by 13.49% with monthly collections coming in at Rs.28,711 Crs. In fact, the Group policy category witnessed a 14.75% growth in premiums collected in Jun'24 while new policy issuances expanded by 6.73% on a Y-o-Y basis.

The life insurance industry in India has been making

significant strides forward by expanding access to insurance and making an effort to reach out to areas and segments of the country's population that were previously underserved when it comes to their insurance needs. Towards this end, life insurers added more than 2,19,820 individual life insurance agents, with an overall 1.20% growth in cumulative agent count. Still, the sustained pace of agent addition is being complimented by the high speed of digitisation by life insurers, paving the way for additional gains in insurance penetration that should provide a significant boost to new business premiums in FY25 and beyond.

MEPZ SEZ conducts Unit Approval Committee Meeting - July 2024

Chennai July 08 2024: The MEPZ Special Economic Zone held its Unit Approval Committee (UAC) meeting on July 8, 2024, to discuss and approve various proposals aimed at fostering growth and development within the SEZ. The meeting, chaired by senior officials, saw active participation and deliberation on several key issues.

During the meeting, a total of 19 proposals in SEZs were approved, with an investment proposal amounting to



Rs.253.66 crores and the creation of 1679 new jobs.

Notable approvals include Teleperformance Global Business Pvt Ltd from ITES sector, with an investment of Rs.15.08 crore and expected to create 1128 jobs; Caterpillar India Engineering Solutions Pvt Ltd with an investment of

Rs.211.76 crores and expected to create 196 jobs; Infinix Services Private Limited from ITES sector with an investment of Rs.9 crores and expected to create 165 jobs and NB Mediatech Private Limited, with an investment of Rs.2 crores and expected to create 100 jobs.

The proposals approved highlight the

continued interest of investors in the MEPZ SEZ, with a significant focus on increasing investment and employment opportunities within the zone. The MEPZ SEZ remains committed to facilitating a business-friendly environment, encouraging investment, and creating job opportunities. The UAC meetings are a crucial part of this commitment, ensuring that proposals are thoroughly reviewed and approved promptly.

Prime Minister arrives in Moscow to participate in the 22nd India-Russia Annual Summit

Chennai July 08 2024: Prime Minister Shri Narendra Modi arrived in Moscow on an Official Visit today. On arrival, Prime Minister was received by H.E. Mr. Denis Manturov, First Deputy Prime Minister of the Russian Federation at



the Vnukovo-II airport and accorded a

ceremonial welcome.

During his visit, Prime Minister will co-chair the 22nd India-Russia Annual Summit with President H.E. Mr. Vladimir Putin. He will also interact with the members of Indian Community in Moscow.