ANDAMAN DAILY by

NICOBAR TIMES

Compilation of News
Stories Published by
Nicobar Times

19th of March 2025



https://nicobartimes.com

STORY 1	Andaman & Nicobar Police Equips Remote Look Out Posts with Solar Panels	<u>Pg 3</u>
STORY 2	M. Vinod Appointed State Head of ABTO Advisory Board for UT of Andaman & Nicobar Islands and UT of Lakshadweep	<u>Pg 11</u>
STORY 3	Chief Secretary Inaugurates Dweep Agro-Eco Walk and Kisan Mela	<u>Pg 9</u>
STORY 4	State Learning Week 2025 Kicks Off in Andaman & Nicobar Islands with Focus on Capacity Building	<u>Pg 13</u>
STORY 5	Training Programme on 'Maintenance of Fishing Boat Engines & Fishing Practices' Begins at Sri Vijaya Puram	<u>Pg 17</u>
STORY 6	Students Discover HAM Radio's Wonders at Kurma Dera <u>Expedition</u>	<u>Pg 21</u>
STORY 7	APEDA Regional Head Reviews Export Potential of Agro- Based Products in Andaman & Nicobar Islands	<u>Pg 25</u>
STORY 8	Agriculture Department at Diglipur Intensifies Efforts to Curb Pest Infestation Amid Dry Spell	<u>Pg 29</u>
STORY 9	Free Homoeopathy Health Camps to Be Held on March 19 in South Andaman	<u>Pg 33</u>
STORY 10	ANKURAN Phase 2 Workshop Launched to Strengthen Foundational Literacy and Numeracy	<u>Pg 35</u>



Andaman & Nicobar Police Equips Remote Look Out Posts with Solar Panels





In a major step towards sustainable law enforcement, the Andaman & Nicobar Police have equipped three remote Look Out Posts (LOPs) — Interview Island, Burma Nallah, and Louis In-let Bay — with solar panels, ensuring round-the-clock power availability.

This eco-friendly initiative aims to enhance operational readiness by providing reliable energy in remote locations, reducing dependence on conventional power sources. The uninterrupted power supply is expected to significantly improve the efficiency of these strategically located outposts, which play a critical role in safeguarding the region's maritime security.

LOPs serve as the frontline of security operations in the Andaman and Nicobar Islands, ensuring vigilance over remote and sensitive areas. These posts are vital in anti-poaching efforts, protecting both marine and terrestrial ecosystems from illegal exploitation. They also monitor vessel movements, prevent unauthorised intrusions, and strengthen coastal security, playing a key role in deterring smuggling, illegal immigration, and other transnational crimes.

Manned by dedicated personnel, the LOPs enhance situational awareness and facilitate a swift response to potential threats. The introduction of solar-powered systems not only improves the welfare of personnel stationed in these challenging terrains but also underscores the A&N Police's commitment to environmental sustainability.

By adopting renewable energy solutions, the A&N Police reaffirm their dedication to reducing the carbon footprint associated with remote policing operations while ensuring the protection of natural resources and national sovereignty. (Story Based on Communication from A & N Police)







M. Vinod Appointed State Head of ABTO Advisory Board for UT of Andaman & Nicobar Islands and UT of Lakshadweep



President
Respected Nr. Maltepolii Leomainh
former Senior Officer, Suddharanan
hisport, Hepotymo Segor, Telangano, I Leomain, Granad
Dr. Kaudesh Kumar

Mr. Ulerson Fraued Nirmal, Socialed Clad Patron Respected Mr. Vened Zutehi Se, IVS (Inc.) Form Seaton, Mining of Tourier, Gost of India Clad Free, Indian Beganiter K. Binnelina Singh

Fative Nederahil Bule bream Sit, Hajorbog, Joshford

Dr. Revindra Fanth Former Vice Chancellor, Hovo Holanda Mahareshare, Helanda, Shar

Mr. Revi Bankar Osnaci lajaura Consultin

Lenine Vine American Delect.

Dr. Lye Kat Yong, Senion (Swedov United Matter), UMFOC. Senior Bart Alex. UMF Drs. Effects of Hospital Aries. UMF Drs. Effects Francisco Focket College, Selects, Redoming Mrs. Barty Chief, Selects, Redoming Corpus, Streets, Tombart Drs. M. Barty Chief, Selects, American Drs. M. Bartylmankii, President, Americanistos Drs. M. Bartylmankii, President, Americanistos of Problemento Drseit Agrantices - ASPV.

of Indonesian Travel Agencies - ASTA, Jokante, Indonesia Mr. Neurog Neurog Han, President, Union of Manness Travel Agents

Ms. Someong Sechaphim, Ah, Von Resident, Suntan Council of Tholland -FCT, Songkok, Tholland Md. Sofecessamon, President, Sour

Ms. Shreepons Rove, Former President, Horel Association of Repol-PVPM, Kathingada, Napol and CEO, Annequine Oroug- of Rotels, Hiepoli Mr. Kurmer Mani Thespedijne President Montal Association of Tool &

You, Provided
Neil Bean, Founder, Help Tourier, Siliped
Revinder Sheeme, ACC, Cry Hot Hork
Anna Assand, AC, Mid To mit Jan & Sovielu
Dopthe Ourjee, ACC, Sorgels Shetter Tour
Chang Years Song, American Inore E.
Touri Sell Shell, Koole Longue, Middignia
M, Rotell Le Rosen (Hea Course), Vennon
Di Hole Genterea Se, Director Venno On Hole
AM, Appel Held, Angelow To Chief
AM, Appel Held, Angelow To Chief
AM, Appel Held, Angelow To Chief

Coop of Companies

White Names, Quan Bourn Strade

Nail Inson, 103 Statemen Olives of Feb.

Names Single, 104 Streamer Stream

Sanika Shah, 105 Companie Stream

Sanika Shah, 105 Companie Stream

Market Shah, 105 Companie Stream

Market Shah, 105 Companie Shah, 105 Companie Stream

Market Shah, 105 Companie Shah, 105 Companie Stream

Market Shah, 105 Companie Sha

ASSOCIATION OF BUDDHIST TOUR OPERATORS-ABTO

N- 01315/4870 03/3035

Director

Modern Tours and Travels

Anvika House, ABC Colony, Opp. Block-4

India

Subject: Certification as a Head in ANDAMAN AND NICOBAR ISLANDS ANI LAKHADEEP ISLANDS state of India in ABTO ADVISORY BOARD (Honorary). It is an appointment for the mission of PROMOTION OF TOURISM & work for Humanity, Peace Tourism, Nature, Spiritual & Culture through ABTO in the world.

Respected Mr. Vinod ji,

"Warm greetings from Association of Buddhist Tour Operators (ABTO - The Platform of

The Managing Committee of ABTO humbly requests you to please accept the responsibility of ABTO as a Head in ANDAMAN AND NICOBAR ISLANDS AND LADMADEE' ISLANDS State of India in ABTO (Honorary) for the Period 14 March 2025 to 09 December 2026.

This is in recognition of your services and commitment to the promotion of Tourism associated with Buddhism Pilgrimage & Culture in the World, especially in the Asia- Pacific

The message of this association is:

"Sharing & Service to All"

What all information we have, what all resources we know and what all help we can provide not only to our tourist/plignmi clients but also to our member/Non-members, we shall share and serve with peaceful mind, happiness and harmony. We are an Association of Buddhist Tour Operators-ABTO interested in promoting Tourism & Culture with Buddhist Taxes in importance spread across the Globe.

With our respectful Pranam!!!

Yours Sincerely, Karlet Name

KarlooliKuma

ecretary General (Founder)





TARUN KARTHICK

Mr. M. Vinod, President of the Andaman Association of Tour Operators (AATO), has been appointed as the State Head of the Advisory Board of the Association of Buddhist Tour Operators (ABTO) for the UT of Andaman and Nicobar Islands and the UT of Lakshadweep for the term 2024-2026.

Mr. Vinod has been entrusted with the mission to promote tourism while fostering humanity, peace, nature, spirituality, and culture in both Union Territories.

The office bearers and members of AATO have extended their heartfelt congratulations to Mr. Vinod on his new responsibility. Team AATO has also expressed sincere gratitude to the national office bearers of ABTO for placing their trust in Mr. Vinod and assigning him this significant role to lead tourism and cultural initiatives in the region.



Chief Secretary Inaugurates Dweep Agro-Eco Walk and Kisan Mela





The Dweep Agro-Eco Walk, an agro-eco-tourism initiative by ICAR-CIARI and its KVKs, was inaugurated by Dr. Chandra Bhushan Kumar, IAS, Chief Secretary of the Andaman and Nicobar Administration, at the Horticulture Farm in Sippighat on March 18, 2025. The inauguration was attended by Ms. Pallavi Sarkar, IAS, Secretary (Agriculture & Animal Husbandry). The Chief Secretary also inaugurated the two-day Kisan Mela-cum-Exhibition at the Garacharma Farm Mela Ground, organised within the Garacharma Research Complex. As part of the event, both dignitaries planted coffee saplings at the Sippighat Farm.

In his inaugural address, Dr. Kumar commended ICAR-CIARI's pivotal role in advancing technological innovations and facilitating their transfer in agriculture, horticulture, livestock, and fisheries. He noted that while urban residents often face challenges in managing small kitchen gardens due to pest control and climate concerns, large-scale farmers encounter even greater difficulties, necessitating technical support from research institutions to prevent losses that could affect both the farming community and the region's economy.

Dr. Kumar praised the Dweep Agro-Eco Walk initiative at Sippighat and stressed the importance of branding high-quality organic produce to enhance market acceptance and boost agrotourism. He urged for greater coordination between ICAR-CIARI and the respective departments to ensure that technological advancements reach island farmers effectively, contributing to the economic growth of the region.

The Chief Secretary observed that many farmers in the Islands focus primarily on cultivating arecanut, which requires minimal effort and is less vulnerable to climate fluctuations as opposed to more labour-intensive crops such as paddy, spices, and vegetables. Dr. Kumar also emphasized the importance of food processing, branding, and packaging in increasing the profitability of farmers' produce and called for collaborative efforts between ICAR-CIARI and the local administration to organise more events like Kisan Melas to impart knowledge and enhance farmers' skills.

Dr. Kumar visited all 22 stalls set up at the event, which showcased technologies and products from ICAR-CIARI, the Department of Agriculture, Animal

Husbandry, Fisheries, NABARD, SBI, SHGs, PPVFRA, and private firms. He interacted with scientists and expressed satisfaction with the innovations displayed, acknowledging their potential to increase farmers' incomes. The event witnessed enthusiastic participation from approximately 250 farmers, farm women, and school children.

During the event, six farmers from three districts were felicitated for their successful adoption of agricultural technologies and entrepreneurial achievements.

In his welcome address, Dr. E. B. Chakurkar, Director of ICAR-CIARI, provided an overview of the Institute's mission and its relevance to farmers, youth, and stakeholders across the Andaman and Nicobar Islands and Lakshadweep. Dr. Jai Sunder, Head of the Animal Science Division, delivered the vote of thanks, while Dr. Pooja Bohra, Senior Scientist, coordinated the event efficiently.



State Learning Week 2025 Kicks Off in Andaman & Nicobar Islands with Focus on Capacity Building





The Chief Secretary of Andaman and Nicobar Administration, Dr. Chandra Bhushan Kumar, IAS, officially inaugurated the State Learning Week (SLW) for the Union Territory on Tuesday. The event, organized in collaboration with Karmayogi Bharat and the Capacity Building Commission, will be held from March 18 to 23, 2025, focusing on enhancing the skills and capabilities of civil servants in the region.

The inaugural session began with a welcome address by Mr. A.S.P.S. Raviprakash, IAS, Secretary (AR & Training/IT), followed by a brief overview of the State Learning Week presented by Mr. V Henry Arokia Raj, Project Manager, Karmayogi Bharat.

Mr. Adil Zainulbhai, Chairman, Capacity Building Commission, addressed the gathering and emphasized the importance of continuous capacity building for civil servants to improve governance and public service delivery. The session concluded with a vote of thanks proposed by Dr. Utpal Sharma, Special Secretary (IT).

To ensure seamless technical assistance throughout the SLW, a dedicated Tech Team of 13 employees from the IT Department has been

formed. The team will be available from 9 AM to 5 PM to assist departments and staff. Support can be accessed through a dedicated email ID (<u>sup-krm-sectt@and.nic.in</u>) or via a Google Meet link (<u>https://meet.google.com/dpg-udpw-nuc</u>).

Participants can stay updated on SLW activities by joining the ANI STATE LEARNING WEEK WhatsApp channel. The channel can be accessed through https://whatsapp.com/channel/0029Vb9fTq26rsQzhgMV8h2X, and a QR code is also available for easy joining.

The Administration has called upon all employees to actively participate and contribute to making the State Learning Week a resounding success. (Story Based on PR)







Training Programme on 'Maintenance of Fishing Boat Engines & Fishing Practices' Begins at Sri Vijaya Puram





A three-day training programme on 'Maintenance of Fishing Boat Engines & Fishing Practices,' jointly organized by the Department of Fisheries, A&N Administration, and the Central Institute of Fisheries Nautical and Engineering Training (CIFNET), Chennai, was inaugurated at the Fisheries Training Centre, Marine Hill. Ms. Jyoti Kumari, IAS, Secretary (Fisheries), inaugurated the programme, which aims to equip local fishermen with the skills to troubleshoot minor engine issues and promote sustainable fishing practices that contribute to community welfare.

In her inaugural address, Ms. Jyoti Kumari expressed her satisfaction over the enthusiastic participation of young fishermen. She highlighted the urgent need for modernization in the fisheries sector to ensure the sustainable utilization of marine resources. Stressing the importance of technical training, she emphasized that proper knowledge of fishing gear and craft is essential for ensuring both safety and economic sustainability.

The Secretary also informed participants about the Department of Fisheries' plan to establish a Boat Repair Yard at the Fish Landing Centre (FLC), Junglighat. Once operational, this facility is expected to significantly benefit the local fishing community by enabling boat repairs within the Islands, reducing dependence on mainland services. Additionally, she briefed the gathering about the proposed installation of transponders — a two-way communication system — in fishing boats across the Islands to enhance safety and surveillance.

Earlier, Mr. K. Manimaran, Senior Mechanical Engineer, welcomed the participants and provided an overview of the training objectives. He introduced the team of experts who will guide the participants through technical and practical sessions during the programme.

Dr. K. Gopal, Joint Director (Fisheries), underscored the challenges faced by fishermen due to the lack of specialized personnel for prompt engine repairs. He emphasized that the training would empower fishermen to handle engine-related issues, improving operational efficiency.

Mr. S.U. Maheshwar Rao, Governing Body Member

of the National Fisheries Development Board (NFDB), Hyderabad, also addressed the participants. He stressed the importance of resolving minor engine issues swiftly to avoid delays in fishing activities and advocated for further skill development among youth to create economic opportunities in the fisheries sector.

A total of 25 fishermen from various islands are participating in the programme. The training includes both theoretical and practical sessions, with an exposure visit to the Fishery Survey of India vessel MFV Blue Marlin scheduled to provide participants with real-time insights.

The inaugural session concluded with a vote of thanks proposed by Ms. Glory Rao, Assistant Director of Fisheries. (Story Based on PR)



Students Discover HAM Radio's Wonders at Kurma Dera Expedition



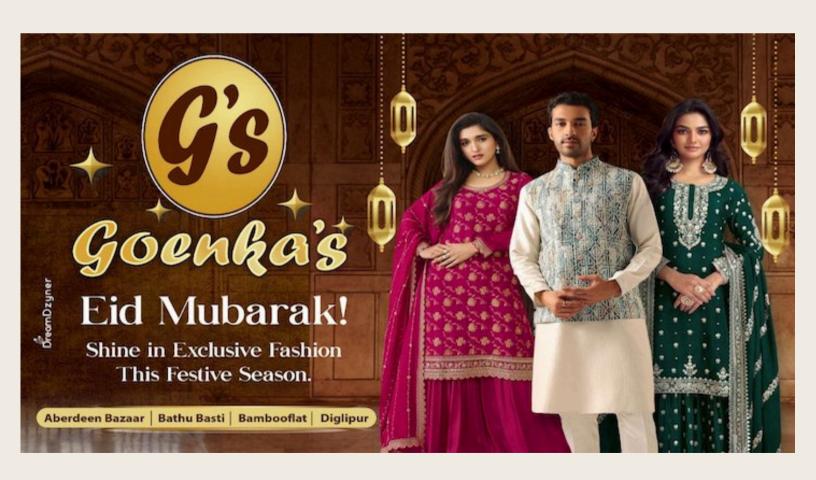


The Directorate of IP&T organized an engaging Scientific Expedition for students of Sri Vijaya Puram and nearby areas, offering them a rare opportunity to explore the captivating world of Amateur Radio (HAM Radio). The event, held at the picturesque Andaman Sunset View Resort in Mouwa Dera, Kurma Dera, brought together 35 enthusiastic students from classes VI to IX of government schools, who interacted with experts from DX Adventure, Belgium.

HAM Radio, a global communication system that enables licensed operators to transmit and receive signals for non-commercial purposes, was the focal point of this hands-on expedition. The initiative aimed to spark the students' interest in STEM (Science, Technology, Engineering, and Mathematics) by introducing them to the basics of radio wave propagation, communication techniques, and the vital role of HAM Radio in emergency situations.

A highlight of the event was the live demonstration by experienced HAM operators, who connected with radio enthusiasts in Japan and Australia, giving the students a firsthand experience of real-time global communication. The experts also underscored the importance of HAM Radio in disaster management, scientific research, and fostering international friendships.

The immersive experience left the students inspired, offering them a practical understanding of radio technology and its limitless possibilities. As they tuned into different frequencies and connected with voices from distant parts of the world, the young participants realized that the realm of communication knows no boundaries—only frequencies waiting to be explored. (Story Based on PR)







APEDA Regional Head Reviews Export Potential of Agro-Based Products in Andaman & Nicobar Islands





The Department of Agriculture, Andaman and Nicobar Islands, is making strides to boost agricultural exports and promote local products in the international market. In line with this goal, under the direction of Chief Secretary Dr. Chandra Bhushan Kumar, IAS, a series of initiatives have been undertaken to explore opportunities for strengthening the supply chain and creating better prospects for agricultural entrepreneurs in the region. Several stakeholder meetings were conducted under the Chairmanship of Secretary (Agriculture), Ms. Pallavi Sarkar, collaboration with the Agricultural and Processed Food Products Export Development Authority (APEDA).

As part of this ongoing effort, the Regional Head of APEDA Kolkata, Mr. S.K. Mondal, visited the Islands from March 15 to 19, 2025, to assess the export potential of agro-based and processed food products. His visit aimed to evaluate the existing infrastructure, logistics, and production capabilities across various sectors and identify possible avenues to enhance the visibility of local products in global markets.

During his visit, Mr. Mondal reviewed the cargo

handling facilities at the Cargo Complex, Port Management Board (PMB), and Veer Savarkar International Airport to assess the feasibility of transporting agro-products via sea and air. He also evaluated the phytosanitary measures in place to ensure compliance with international standards.

Mr. Mondal further visited prominent agroprocessing industries, including M/s Island Coconut Oil at Burmanallah, M/s Reap Agro Products at Pema, Calicut, and three agro-based industries operating at the Industrial Estate, Mithakhari. These visits focused on assessing the infrastructure and identifying potential commodities suitable for export.

A visit was also conducted to the Heritage Museum established by the Tribal Development Cooperative Societies (TDCS) at RGT Road. Mr. Rashid Yusoof, Chairman of TDCS, briefed Mr. Mondal about the seven recently GI-registered products from the Islands and demonstrated the traditional method of producing Virgin Coconut Oil (VCO).

To explore the export possibilities of agricultural and processed products from Little Andaman, Mr.

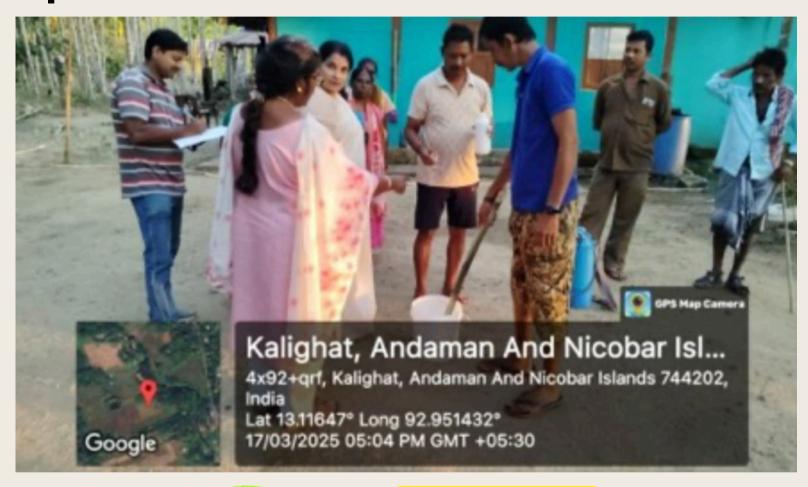
Mondal visited Reflex Industries, an A1 coconutbased industry. He also toured honey-producing farms at R.K. Pur to assess product quality and production capacity. Additionally, he met with the Secretary and Captain of Harminder Bay village, where he emphasized the importance of adopting modern processing techniques to meet international standards and enhance the shelf life of processed agricultural products.

Mr. Mondal's visit marked a significant step toward enhancing the competitiveness of Andaman and Nicobar's agro-based products in the global market. His interactions with local producers and industry leaders underscored the need for adopting international best practices and strengthening infrastructure to unlock the untapped export potential of the region.

The Department of Agriculture remains committed to empowering local agricultural entrepreneurs and positioning the Islands as a hub for highquality agro-based exports. (Story Based on PR)



Agriculture Department at Diglipur Intensifies Efforts to Curb Pest Infestation Amid Dry Spell





With the onset of dry conditions and low humidity — favourable for pest infestation — the Department of Agriculture, Diglipur, has ramped up efforts to safeguard crops by conducting field visits and raising awareness among farmers. The department is promoting prophylactic and control measures, including the application of neembased insecticides and the installation of yellow sticky traps at a rate of 15 traps per hectare. Farmers have been advised to continuously monitor their fields for pest activity and the presence of natural predators.

Though the infestation of Rugose Spiralling Whitefly (RSW) has been detected only in a few pockets of Khudirampur and Kalighat villages, the department has taken prompt action considering the conducive climatic conditions. RSW, a pest known to affect coconut palms, arecanut, and banana crops, has the potential to spread rapidly if not managed in time.

As part of its Integrated Pest Management (IPM) strategy, the department recently sprayed Azadirachtin 0.3% EC on coconut and arecanut crops in the fields of Mr. Ram Uraon and Mr. Purna Kerketta in Kalighat village, Ward No. 4. The

process was conducted in the presence of the Assistant Director (Agriculture), Agriculture Extension Staff, Mr. Anusudan Mistry, and local farmers. Awareness was also created among 10 nearby farmers.

A similar spraying exercise was carried out on March 12 in the field of Mr. Mukesh Kumar Roy of Khudirampur village, Ward No. 2, in the presence of Mr. Madhusudan Dutta, Farmers' Friend, Ms. Kalyani Bairagi, PRI Member, and 15 local farmers.

The Department of Agriculture remains committed to supporting farmers through awareness campaigns and training programs to ensure effective pest management, minimize crop losses, and promote sustainable agricultural practices.

This initiative is part of a coordinated effort involving Agriculture Extension staff and PRI members to manage the pest before it spreads further. Farmers have been urged to cooperate with the Agriculture teams and promptly report any signs of infestation to the nearest Agriculture Sub Depot (I/C), Agriculture Extension Functionaries, PRIs, Zonal Officer, or by calling the

Kisan Call Centre at 03192-243434 or 1800-345-1145 on all working days. (Story Based on PR)



APOLLO HOSPITALS CHENNAI



PEDIATRIC SURGERY CLINIC

Dr. P. BALAMOUROUGANE

MS, DNB, MNAMS, MCh (AIIMS), DNB (Pd Surg) Consultant Paediatric Surgeon & Urologist

Consultation for under eighteen years of age children, foreskin retraction, orchitis, hernia, subarachnoid hemorrhage, kidney stones, bladder dysfunction, external urethral valves, urinary tract infections and tumors, laparoscopic surgery for infants, and general urinary tract surgery etc.,

Date: Saturday, 29th March 2025 Time: 11.00 am to 5.00 pm

Venue: APOLLO CLINIC

192 Garacharma Main Road, South Andaman Port Blair - 744 105.

X- Ray, USG, CT,2D- ECHO,ECG, EEG, TMT, NCS , PHYSIOTHERAPY, & LABORATORY

For appointments:

03192252522 / 03192252052 / 9531807777

Free Homoeopathy Health Camps to Be Held on March 19 in South Andaman





As part of the month-long celebration of World Homoeopathy Day 2025, commemorating the 270th birth anniversary of Dr. Christian Friedrich Samuel Hahnemann, the pioneer of homoeopathy, the Directorate of Health Services and A&N State AYUSH Society will organize Free Homoeopathy Health Camps for the general public on March 19, 2025. The initiative aims to promote awareness about homoeopathy and provide healthcare services to the community.

The health camps will be conducted at two locations in South Andaman. One camp will be held at the Community Hall, Hasmatabad, and the other at the Community Hall, Wandoor Jetty. Both camps will be operational from 3:00 PM to 5:00 PM on the same day. Villagers have been encouraged to avail themselves of this opportunity and participate in the camps to benefit from homoeopathy treatment and consultation.

For any further queries or information, interested individuals can contact Dr. Supria Arangi, Medical Officer (Homoeo), AYUSH Hospital, at Mobile No. 947777306. (Story Based on PR)

ANKURAN Phase 2 Workshop Launched to Strengthen Foundational Literacy and Numeracy





The ANKURAN Phase 2 workshop, a key initiative under the Foundational Literacy and Numeracy (FLN) program, commenced on March 18, 2025, at the Conference Hall of the State Institute of Education (SIE), Sri Vijaya Puram. This two-day workshop aims to enhance mentorship and refine intervention strategies to bridge early learning gaps in students from Class 1 to Class 8.

The Principal of SIE inaugurated the workshop, emphasizing the importance of dedicated efforts, continuous professional development, and innovative teaching methods to ensure that no child is left behind. She highlighted the need to identify and address learning gaps at an early stage to prevent them from accumulating, reaffirming the institute's commitment to equipping all children with essential reading comprehension and basic numeracy skills.

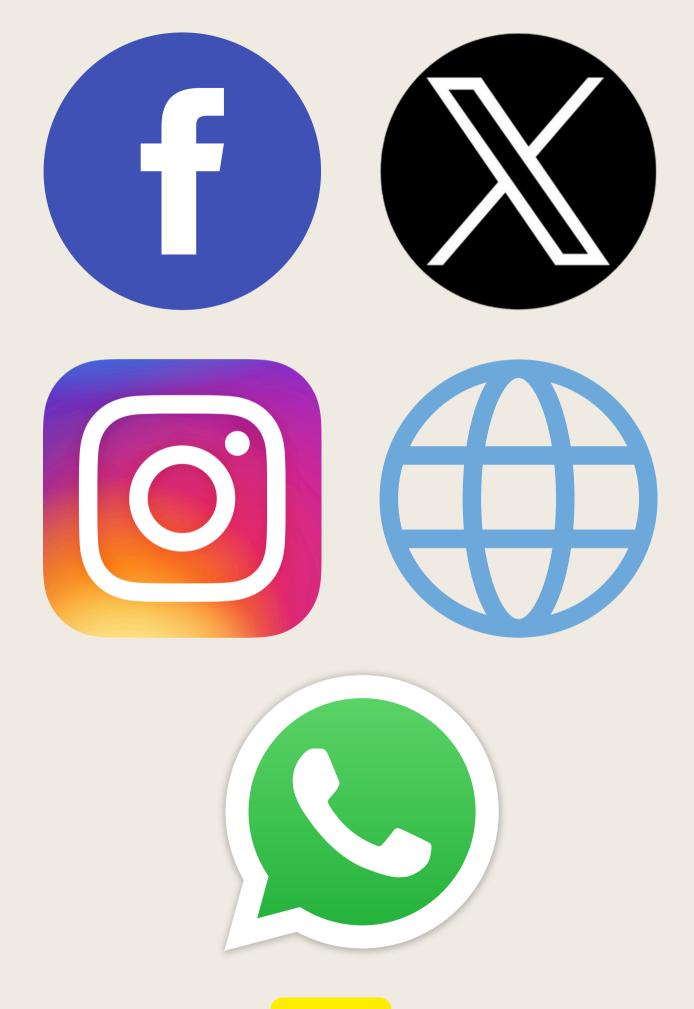
The workshop brought together 76 mentors from Cluster Resource Centres (CRCs) across all educational zones, fostering a platform for collaboration and shared learning. Conducted three months after the initial phase of implementation, this refresher workshop provided an opportunity for mentors to review progress,

address challenges, and refine their intervention approaches.

Sessions covered a range of critical topics, including mentorship techniques, resource development, reading fluency, and effective numeracy interventions. Additionally, discussions explored the importance of school leadership, parental involvement, and the use of digital platforms to enhance FLN outcomes.

Through active engagement and the exchange of best practices, the workshop is expected to develop a concrete action plan to ensure that no child is left unattended and no learning gap remains unaddressed. This initiative reinforces the commitment to equitable and effective foundational learning across the Union Territory, with a strong focus on improving reading comprehension and numeracy skills.





Page 38

For Grievance on any News Story Published by Nicobar Times, Visit the Grievances Page on Nicobar Times Website



Join NT WhatsApp Channel