The background of the entire page is a light orange color, framed by a decorative border of autumn-themed illustrations. The border consists of various leaves in shades of brown and orange, some with detailed vein patterns, and small, five-petaled flowers. The illustrations are scattered around the perimeter, creating a seasonal and natural feel.

# MEDIA MONITOR

January – February 2024

**NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI**



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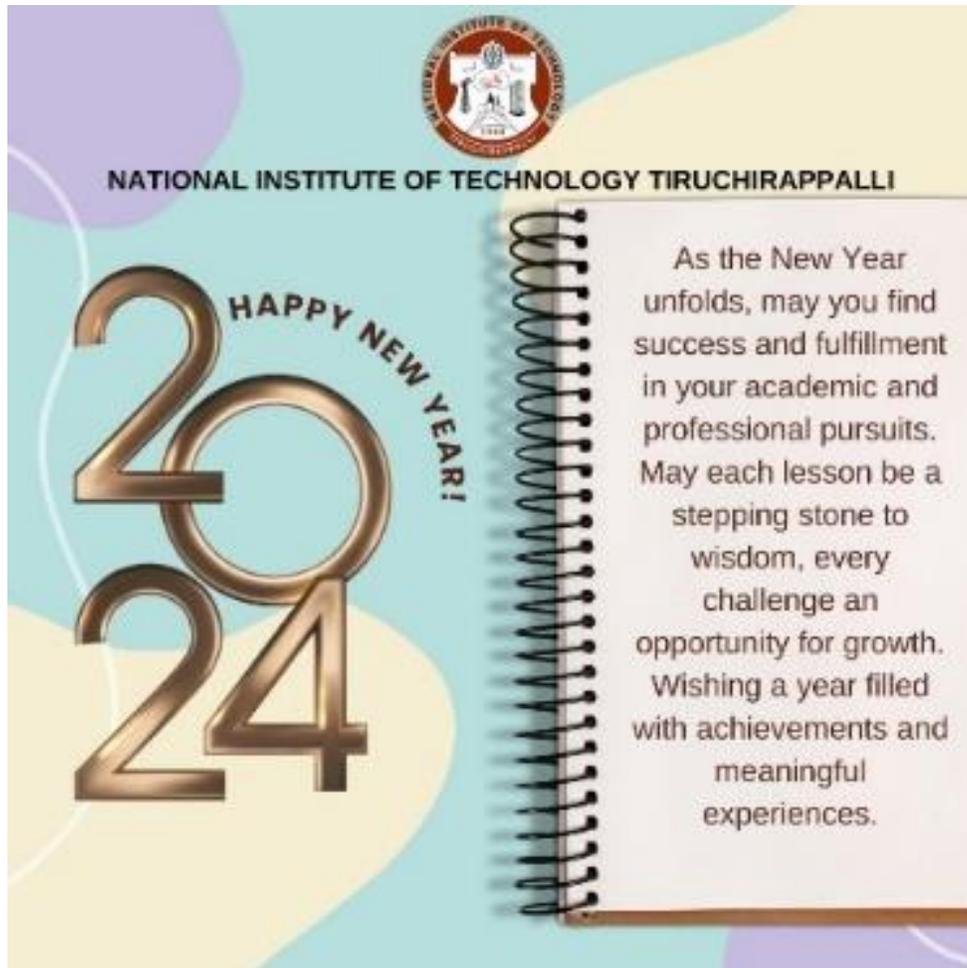
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**1<sup>st</sup> Jan 2024**

**PM TO UNVEIL NEW HOSTEL AT NIT TRICHY**

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# PM to inaugurate NIT-T hostel block

**The Hindu Bureau**

TIRUCHI

Prime Minister Narendra Modi will virtually inaugurate “Amethyst”, a new hostel building at the National Institute of Technology in Tiruchi (NIT-T), on Tuesday to mark its Diamond Jubilee year in the

academic session 2023-24.

## **Sprawling premises**

The state-of-the-art facility, constructed with an outlay of ₹41 crore, the four-storey building has 1.2 lakh sq. ft. area with 253 rooms to accommodate 506 students, according to official sources.

# PM to unveil new hostel at NIT Trichy

TIMES NEWS NETWORK

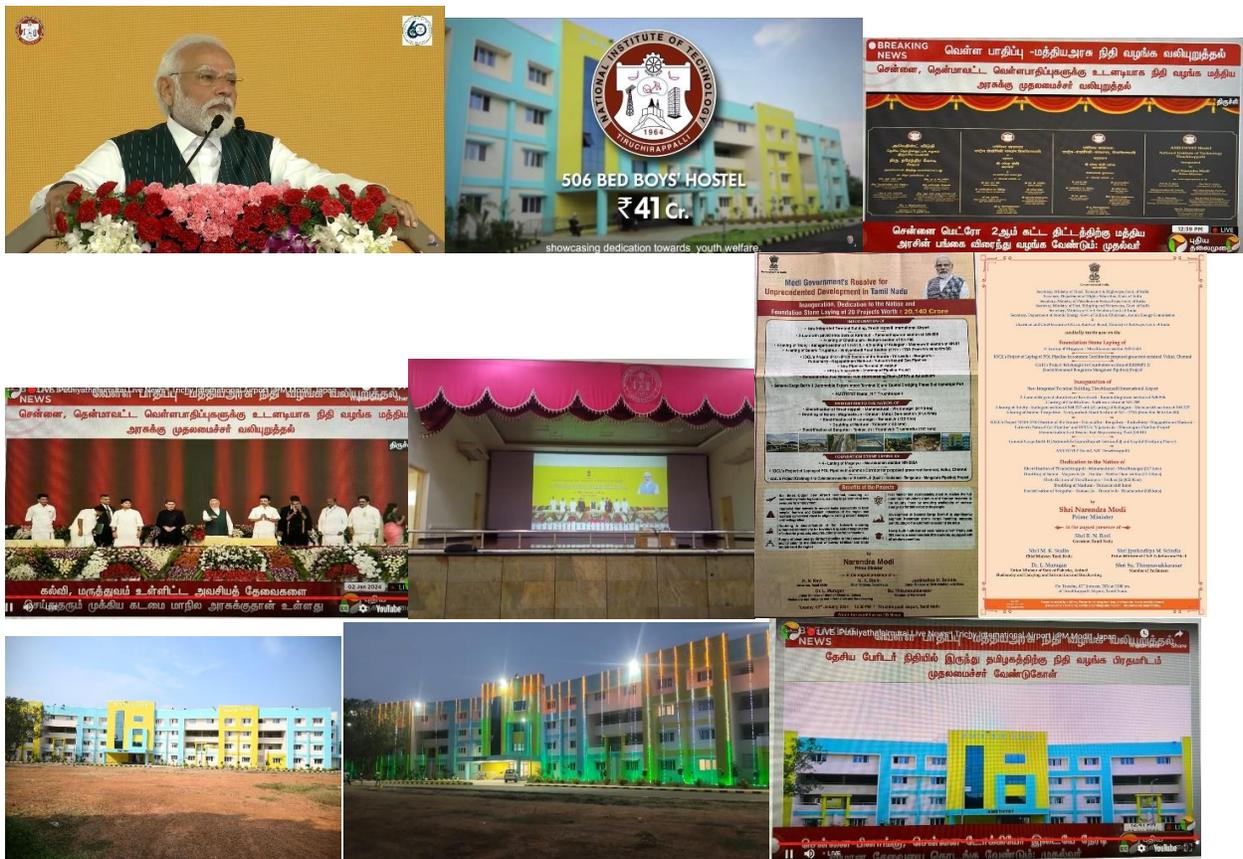
**Trichy:** Prime Minister Narendra Modi will inaugurate a newly constructed hostel for students at National Institute of Technology-Trichy (NIT-T) via videoconferencing in Trichy on January 2.

The prime minister will open 'Amethyst' Hostel during his visit to Trichy to attend the 38th convocation of Bharathidasan University and the inauguration of the newly integrated terminal building (NITB) at Trichy airport.

The four-storeyed hostel was constructed over 1.2 lakh square feet at a cost of ₹41 crore. It has 253 rooms and can accommodate 506 students. The entire building has fibre to the home (FTTH) technology enabled broadband internet connection.

Prime Minister Narendra Modi will inaugurate a newly constructed hostel for students at National Institute of Technology-Trichy (NIT-T) via videoconferencing in Trichy on January 2. The prime minister will open 'Amethyst' Hostel during his visit to Trichy to attend the 38th convocation of Bharathidasan University and the inauguration of the newly integrated terminal building (NITB) at Trichy airport.

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## என்ஐடியில் மாணவர் விடுதியை திறந்து வைக்கும் பிரதமர் நரேந்திர மோடி

### ● திருச்சி

திருச்சிக்கு நாளை(ஜன.2) வரும் பிரதமர் மோடி, என்ஐடி வளாகத்தில் ரூ.41 கோடியில் நவீன வசதிகளுடன் கட்டப்பட்டுள்ள மாணவர் விடுதியை திறந்து வைக்கிறார்.

திருச்சி சர்வதேச விமான நிலையத்தில் கட்டப்பட்டுள்ள புதிய முனையம் திறப்பு விழா ஜன.2-ம் தேதி நடைபெறுகிறது. இவ்விழாவில் பங்கேற்கும் பிரதமர் மோடி, முடிவுற்ற பல்வேறு திட்டப் பணிகளை காணொலி வாயிலாக திறந்து வைக்கிறார். இதில், திருச்சி என்ஐடி வளாகத்தில் உள்ள புதிய 'அமெதிஸ்ட்' விடுதியும் ஒன்று. மத்திய அரசு சார்பில், 1.2 லட்சம் சதுர அடியில், 506 மாணவர்கள் தங்கும் வகையில் 253 அறைகளுடன் 4 தளங்களாக இந்த விடுதி கட்டப்பட்டுள்ளது.

## திருச்சி

### பிரம்மாண்ட மாணவர் விடுதி என்ஜியரில் இன்று மோடி திறப்பு

திருச்சி, ஜூன். 2-  
தல்வி உள்கட்டமைப்பு  
வசதிகளை மேம்படுத்தும்  
வகையில் திருச்சி என்ஜி  
டியில் ரூ. 41 கோடி மதிப்  
பிட்டில் அமெரிஸ்ட் எனும்  
நவீன வசதிகள் கொண்ட  
ஆண்கள் விடுதி கட்டப்  
பட்டுள்ளது.

1.2 லட்சம் சதுர அடி  
பரப்பளவில் 4 மாடிக் கட்ட  
டத்தில் 253 அறைகளு  
டன் 506 மாணவர்கள்

தங்கும் வகையில்  
'வைபை' உள்ளிட்ட நவீன  
வசதிகளுடன் விடுதி  
அமைக்கப்பட்டுள்ளது.  
திருச்சியில் நடக்கும் நிகழ்ச்சி  
சியில் கலந்து கொள்ளும்  
மேதவர் மோடி கரணொளி  
காட்சி மூலம் என்ஜிடி  
ஆண்கள் விடுதியை திறந்து  
வைக்கிறார்.

இந்தகவல் என்ஜிடி  
செய்திக் குறிப்பில்  
தெரிவிக்கப்பட்டுள்ளது.

2<sup>nd</sup> Jan 2024



7<sup>th</sup> Jan 2024



8<sup>th</sup> Jan 2024

திருச்சி, திருவெறும்பூர் அருகே உள்ள என்.ஐ.டி கல்லூரியில் பெண்களின் பொருளாதாரம் மற்றும் திறன் மேம்பாட்டை மேம்படுத்துவதற்கான ஐந்து நாள் பயிலரங்கம் துவங்கியது.

பெண்களின் பொருளாதாரத்தை பெருக்குவதற்காகவும் திறன் மேம்பாட்டை மேம்படுத்துவதற்காகவும் என் ஐ டி கல்லூரி வளாகத்தில் ஐந்து நாள் நடக்கும் பயிலரங்கத்திற்கு என்ஐடி இயக்குனர் அகிலா தலைமை வகித்தார்.

இந்த பயிலரங்கு பெண்கள் வணிகம், பேக்கிங், சந்தைப்படுத்துவது, பாதுகாப்பு மற்றும் சான்றிதலுடன்



மேம்படுத்தல் என்ற தலைப்பில் பேசப்பட்டது.

டிஜிட்டல் கல்வி அறிவு மூலம் பெண்களின் நிலையான வாழ்வாதாரத்தையும், பொருளாதாரம் மற்றும் திறன் மேம்பாட்டிற்கான பல்துறை போர்ட்டபிள் கட்டமைப்பு திட்டத்துடன் சீரமைக்கப்பட்டு டிஎஸ்டி சீட் மூலம் நிதி அளிக்கப்பட்டது.

மேலும் திருமதி கார்ட் மொபைல் பயன்பாட்டில் புதிய பதிப்பின் வளர்ச்சியின் போது வழங்குவதே முதன்மை நோக்கமாகவும் சுய உதவி குழுக்கள் மற்றும் பெண் தொழில் முனைவோருக்கு இந்த பயிற்சி மூலம் ஈ காமர்ஸ் மொபைல் அப்ளிகேஷன் மூலம் தங்களது தயாரிப்புகளை திறம்பட விளம்பரப்படுத்த உதவுகிறது.

இதன் மூலம் சுய விளம்பரம்,

பெண்கள் அதிகாரம் அளித்தல் மற்றும் டிஜிட்டல் கல்வி அறிவை வளர்ப்பது மூலம் பொருட்களை விற்கவும், சந்தை படுத்தவும் உத்திகளை மேம்படுத்தும் நோக்கமாக கொல்லப்பட்டது.

இதில் உணவு பதப்படுத்துதல் மற்றும் பாதுகாப்பு, அதிநவீன உணவு, பரிசோதனை ஆய்வகத்தின் பின்னணி, தேசிய அங்கீகார வாரியத்தால் அங்கீகாரம் பெற்றது, உணவு பொருள்களில் உள்ள இயற்பியல், வேதியல் பண்புகள் கலவை மற்றும் அமைப்பு பகுப்பாய்வு ஆகியவற்றை அதிநவீன உபகரணங்களுடன் தங்களது அனுபவங்களை தெரிவிப்பார்கள்.

மேலும் இந்த கருத்தரங்கில் மொத்த பொருட்கள் கொள்முதல், ஜிஎஸ்டி, எஃப் எஸ் எஸ் ஏ ஐ சான்றிதழ் பதிவுகள், எம் எஸ் எம் இ பதிவு செயல்முறையின் நுணுக்கங்கள் ஆகியவற்றை நடைமுறைகளை எடுத்துக் கொள்கிறது.

மகளிர் சுய உதவி குழுக்கள் அவர்களது தயாரிப்புகளை என் ஐ டி வளாகத்தில் காட்சிப்படுத்தவும் சந்தை படுத்தவும் ஸ்டால்கள் அமைக்கப்பட்டன. இதனை திருச்சி மகளிர் மேம்பாட்டு திட்ட இயக்குனர் ரமேஷ் குமார் தொடங்கி வைத்தார்

இதில் மகளிர் சுய உதவி குழுவைச் சேர்ந்த பெண்கள் பலரும் கலந்து சொந்த தயாரிப்புகள் கைவினைப் பொருட்கள் உள்ளிட்ட பொருட்களை விற்பனைக்காக ஸ்டால்கள் அமைத்திருந்தனர் இதில் கல்லூரி மாணவ மாணவிகள் ஆர்வமுடன் வந்து பொருட்களை வாங்கி சென்றனர்.

இந்த நிகழ்வில் கல்லூரி பேராசிரியர் டாக்டர் சிவகுமரன், பேராசிரியர் டாக்டர் பிருந்தா உள்ளிட்ட மகளிர் குழுவை சேர்ந்த பலர் கலந்து கொண்டனர்.



திருச்சி என்ஐடியில் மகளிர் சுய உதவிக்குழு களில் நடக்கும் கண்காட்சியில் இடம் பெற்றுள்ள பொருள்களை பார்வையிட்ட அன்பு இயக்குனர் அலிவர்.

### என்ஐடியில் மகளிர் சுய உதவிக்குழு கண்காட்சி

திருச்சி, ஜன. 8- திருச்சி என்ஐடியில் மகளிர் சுய உதவிக்குழு களில் அறங்காட்சி மற்றும் கண்காட்சி நேர்த்து தொடங்கியது. கண்காட்சி இயக்குனர் அலிவர் தலைமையில் கண்காட்சி நேர்த்து தொடங்கி வைத்தார். மகளிர் சுய உதவிக்குழுவினருக்கு உதவும்

வகையில் ஏற்கனவே அறிமுகம் செய்யப்பட்ட திருமதி கார்ட் கள்ர செயலினை பயன்பாடு குறித்த பயிற்சி அளிக்கும் திட்டம் மகளிர் சுய உதவிக்குழு மூலம் தயாரிக்கப்படும் பொருள்களை சிறப்பாக வெளியில் செல்வது, விற்பனைக்கான வழிமுறைகள், தாக்கீதுப் பாடு, உணவு பாதுகாப்பு பரிசீலனைகள் விளம்பரம்

செய்வது ஆகியவை குறித்து விளக்கம் அளிக்கப்பட்டது. கண்காட்சியில் மகளிர் சுய உதவிக்குழுவினரின் தயாரித்த பல்வேறு பொருள்கள் இடம் பெற்றிருந்தது. ஜன.12ல் கண்காட்சி நிறைவு பெறும் திட்டம் இயக்குனர் அலிவரின் தலைமையில் கண்காட்சி நேர்த்து தொடங்கி வைத்தார்.

**9<sup>th</sup> Jan 2024**

## **NIT-T HOLDS WORKSHOP ON THIRUMATHIKART APP FOR WOMEN ENTREPRENEURS**

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Over 150 women's self-help groups (SHGs) and micro-entrepreneurs got an opportunity to explore the potential of digitally marketing their goods at a five-day orientation workshop on the enhanced version of ThirumathiKart, the mobile e-commerce application developed by National Institute of Technology–Tiruchii (NIT-T) that was inaugurated on Monday.

ThirumathiKart is part of a project sponsored by the Department of Science and Technology (DST). Its updated version includes additional features for selling food and snack items, perishables, agricultural and dairy products.

Speaking at the inauguration of the workshop on Monday, K. Ramesh Kumar, project director, Magalir Thittam, Tiruchi, said the digital literacy push would help women improve their business and marketing strategies, enabling participants to thrive in today's competitive market.

Over the next few days, the workshop would brief participants on wholesale raw material purchasing, Goods and Services Tax (GST), food safety certification, and the intricacies of the Micro Small and Medium Enterprises (MSME) registration process.

A sale-cum-exhibition area was launched on the side lines of the workshop, with SHG entrepreneurs selling herbal cosmetics, snacks, saris, dress material and other products.

The app's enhanced versions include Thirumathikart seller, Thirumathikart buyer, and Thirumathikart logistics solely for promoting the products developed by SHGs. Groups registered under the Tiruchi Magalir Thittam office and women entrepreneurs are eligible to enrol for the workshop, which is scheduled to end on January 12, with a second one planned for February.

N. Sivakumaran, professor, Department of Instrumentation and Control Engineering, and M. Brindha, Associate Professor, Department of Computer Science Engineering, are the coordinators of the programme.

# NIT Trichy to upgrade Thirumathikart mobile app

TIMES NEWS NETWORK

Trichy: National Institute of Technology (NIT) Trichy on Monday launched a five-day long workshop to empower women in business as a part of the Department of Science and Technology (DST) funded activity to upskill women self-help group (SHG) members on packaging and marketing their products. NIT Trichy will soon release an upgraded version of Thirumathikart, a mobile application for women entrepreneurs and SHGs to market their products.

While the basic version of the app was already developed, the upgraded version includes additional features to sell food and snack items, perishable, agricultural and



**WIDE VARIETY:** Stalls displaying products of SHG women in NIT Trichy

dairy products. The application would also support women entrepreneurs to source raw materials in bulk and get their GST, MSME, and food safety certifications done. The application being developed by the departments of computer science engineering and instrumentation and control engineering of NIT Trichy is in the testing phase. The application is ex-

pected to be launched within six months. Since women entrepreneurs are found lagging in packaging and labelling their products, NIT Trichy said that the project would focus more on improvising the packaging and labelling skills. "The main objective is to link customers with the SHGs, women entrepreneurs to empower women with sustainable income-generation options," M Brindha, associate professor from NIT Trichy involved in the project said.

The upgraded version of the Thirumathikart application is likely to be handed over to the Mahalir Thittam department of the state government to support women entrepreneurs in all 14 blocks of Trichy district.

12<sup>th</sup> Jan 2024

Huge traffic snarls witnessed for over three hours on the highway on the outskirts of Tiruchi amid the festival rush; concrete median was broken to allow vehicles to cross over to the other carriageway

The damaged portion of the wall under the overbridge on the Tiruchi-Chennai National Highway near the Ponmalai Railway Station in Tiruchi on Friday. | Photo Credit: M. MOORTHY



Vehicles were stuck in traffic jam for a long time on the Tiruchi-Chennai National Highway as the overbridge near Ponmalai Railway Station was closed for traffic. | Photo Credit: M. MOORTHY

The overbridge on one of the two carriageways of the Tiruchi-Chennai Bypass near the Ponmalai Railway Station was closed for traffic on Thursday after damages were noticed along its approach road, causing huge traffic snarls on the highway amidst the Pongal festival rush.

A large bulge was noticed on the “RE blocks of the approach portion” of the overbridge, indicating a possible cave in. Although the bulge was close to a pillar, the National Highways Authority of India (NHAI) sources said there was no damage to the pillar. The damage to the approach was noticed on Thursday after which officials of the NHAI took swift action to divert traffic to the other carriageway. To avert further damage to the structure, NHAI officials, in consultation with the city traffic police, closed the approach to the overbridge and broke open the concrete median near the G Corner Junction to allow vehicles onto the other carriageway.

Although barricades were placed to regulate vehicular traffic on the other carriageway, there was traffic jam for over 1 km on the busy stretch since Thursday midnight as the highway is a vital link to southern districts from Chennai and the delta region.

#### *NIT team inspects*

On Friday, faculty members of the National Institute of Technology, Tiruchi, inspected the site. Collector M. Pradeep Kumar visited the spot and held discussions with NHAI officials. “We have initiated immediate remedial steps based on the suggestions of the NIT experts, who will give a detailed report. The rectification work may take at least 15 days to complete,” NHAI sources said.

The overbridge, across the Tiruchi-Chennai chord and Tiruchi-Thanjavur railway lines, was built as part of the four-lane Tiruchi-Padalur section of the Tiruchi-Chennai NH a few years ago and catered to traffic on Madurai-Tiruchi-Chennai direction. The old overbridge was retained to cater to the vehicular traffic in the opposite direction. Traffic had been heavy on the highway in recent days in view of the Sabarimala season and the long weekend ahead of Pongal.

In a near similar incident, some of the fascia panels on the southern side of the overbridge near the Sengipatti bus stop on Tiruchi-Thanjavur National Highway were damaged on June 20 last year. The NHAI had taken up rectification work and recently one-way traffic was allowed on the main carriageway.

14<sup>th</sup> Jan 2024

## IIT Madras report to guide repair works in Chennai-Trichy national highway bridge

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TRICHY: A report by an expert from IIT Madras will be submitted to the national highways authority of India (NHAI) on Monday to initiate the preliminary repair works on the damaged railway overbridge on the Chennai-Trichy National Highway (NH). Taking into account the traffic implications on the highway linking southern districts with central and northern Tamil Nadu, including Chennai, especially during the Pongal festival holidays, NHAI has mobilized specialized machinery at the site to launch repair works through a concessionaire. Professor P Alagusundaramoorthy, a structural engineering faculty from the civil engineering department of IIT Madras conducted a field inspection at the bridge where a bulge was spotted. Based on the findings, NHAI has planned to launch strengthening works in the damaged portion of the bridge near Ponmalai railway station before January 16 (Tuesday). “Experts with experience in such work will be deployed. The sand filling method is likely to be adapted to strengthen the loose soil in the bridge,” a source in NHAI said. Special equipment, scaffolding materials, and power jacks from other work sites of NHAI were mobilised near the damaged bridge. Meanwhile, bumper-to-bumper traffic continued for the third day on the Chennai-Trichy NH passing through Trichy city.

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20<sup>th</sup> Jan 2024

## TEMPLE ELEPHANT PLAYS A TUNE FOR MODI

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Prime Minister Narendra Modi takes blessings from Andal, the temple elephant of Srirangam, on Saturday. | Photo Credit: Special Arrangement

Sri Rangathaswamy Temple elephant, Andal, held the attention of Prime Minister Narendra Modi during his visit to the temple on Saturday by playing the mouth organ.

Mr. Modi took blessings from the 44-year-old temple elephant, who welcomed him by playing the mouth organ. The Prime Minister enjoyed the warm gesture of the elephant, stroked her trunk and offered fruits to her.

The smart elephant is known for her excellent communication skills with her mahout Rajesh. She is in the Srirangam temple service for over 38 years and knows what her duty is through the day. She is closely associated with Mr. Rajesh, who is a third-generation mahout, and can often be seen responding to his questions with nods.

22<sup>th</sup> Jan 2024

**3-day residential training program on "Advanced Instruments Analytical Techniques & Analysis of Metals and Pesticides in Water Samples," sponsored by the Central Pollution Control Board and organized by the Department of Chemical Engineering at the National Institute of Technology (NIT), Trichy, Tamil Nadu**



A 3-day residential training program on "Advanced Instruments Analytical Techniques & Analysis of Metals and Pesticides in Water Samples," is being organized by the Department of Chemical Engineering at the National Institute of Technology (NIT), Trichy, Tamil Nadu. The event is sponsored by the Central Pollution Control Board and will be conducted from 18th January 2024 (Thursday) till 20th January 2024 (Saturday). The program covers detailed theoretical aspects along with 'Hands-on Training' on Instruments, Analytical Techniques and Analysis of Metals and Pesticides in Water Samples. In this training programme, industry visits will be included. The speakers include faculty members from prestigious institutions, and domain experts from the industry, with rich experience in advanced instruments and Analytical Techniques.

In the inauguration ceremony Dr. M. Arivazhagan, Prof., Dept. of Chemical Engineering, NIT-T welcomed the guests and participants. He also briefed the audience about the workshop and long-term collaboration goals between the institute and industries.

Dr. N. Kumaresan, Dean of Faculty Welfare and Director in charge, delivered a compelling Presidential address underscoring the critical significance of wastewater treatment. He emphasized the necessity of adhering to stringent regulations in municipal wastewater treatment. Dr. Kumaresan encouraged all participants to actively engage in the workshop, urging them to generate innovative research questions and solutions, while fostering ongoing communication with the workshop's resource persons.

The distinguished Chief Guest for the inaugural function was Dr. Ashish Kumar Singha Deb, Scientist F at the Bhabha Atomic Research Center in Mumbai. Dr. Deb captivated the audience with an enlightening discourse on BARC's pioneering efforts in developing state-of-the-art technology for efficiently removing heavy metals from wastewater. His insightful presentation showcased the center's commitment to advancing environmental sustainability through innovative solutions.

Dr Jyoti Sahu, Assistant Professor, Dept. of Chemical Engineering, NIT-T. rendered the vote of thanks. She thanked the enthusiastic participants who registered for the workshop and travelled to the campus, on such short notice. She thanked the coordinators, technical staff, and volunteers who made the workshop possible. The inauguration event concluded with the playing of the national anthem.

The organizing chairs of the workshop are Ashish Kumar Singha Deb, Scientist F, Bhabha Atomic Research Center, Mumbai, and Dr. N. Kumaresan, Dean Faculty Welfare Director In- charge. The coordinators were Dr. M. Arivazhagan, Prof., Dept. of Chemical Engineering, NIT-T, and Dr Jyoti Sahu, Assistant Professor, Dept. of Chemical Engineering, NIT-T.

The workshop is conducted offline mode and is attended by more than 25 participants from PAN INDIA.

23<sup>th</sup> Jan 2024

# Our kids are too blessed to be stressed

## How can you (parents) reduce stress levels in children during exams

■ RAJKUMAR RANJAN SINGH

IN THIS FIERCELY competitive world, where students must compete in all aspects of their lives, academic stress can be worrying both for parents and students. Examination stress in kids stems from high expectations of parents, teachers, peers and family members, along with the pressure they themselves take in being the best in class. While it's called exam stress, it occurs much before, during and can last much after the exams. For some students, exam stress is permanent — throughout their academic lives.

Exam stress can have a significant impact on students' mental health, leading to anxiety, depression and other emotional problems. There are various causes of stress — too many assignments, competition, fear of failure and actual failure, bad relationships, constant pressure to study, future plans, etc. Especially during the exam time, the following happens:

► **The pressure to perform well:** Most of it comes from the family itself, and children can feel strained or

tensed all the time.

► **The fear of failure:** This dread can be particularly intense for students who battle with a specific subject (such as mathematics) or who have experienced issues with tests previously.

► **Not ready:** Students who are not sufficiently equipped/prepared for an examination may experience tension and feel stressed out. This can be due to lack of understanding of the subject, lack of study time, or other factors.

► **Time restraint:** Frequent (and sometimes unwanted) tests can stress out children.

### Can stress be positive?

A little bit of exam stress is considered effective, and can lead to attentiveness among children — as an examination approaches, they may start to study properly, may not waste time watching TV or on the social media, and actually look forward to taking the exam. But if parents consistently keep high and undue expectations from children during exams, that can elevate their stress levels.

### What can parents do?

If you are a parent, you can play a very important role in the cognitive, behavioural, emotional and social development of your children. This role has to start early, by socialising your children, and teaching them cultural, societal and even the country's and the world's norms and values. This will prepare them for meeting the needs of the community/society, and if they can be ready for com-

munity/society, they can be ready for any exam in school or life.

### Signs of exam stress

It's likely that some children won't feel comfortable discussing exam pressure and stress with others, including their parents, but parents can look for signs of stress in their children and talk to them about it. Educational or academic pressure can sometimes be difficult to detect, especially in more mature children who may not feel the pressure or lack the ability to express their feelings outrightly. Here are some of the most common symptoms of stress that can be seen in children:

► **Physical signs:** Headache, grinding teeth, high blood pressure, indigestion, fatigue, insomnia;

► **Psychological signs:** Anxiety, irritability, defensiveness, anger, mood swings, depression, helplessness, hopelessness;

► **Behavioural signs:** Overeating, loss of appetite, procrastination, withdrawal/isolation, poor personal hygiene.

### How to reduce stress?

If your child is struggling with examination stress, one of the most important things you can do as a parent is understanding your kid and trying to be as supportive as possible. Make sure to communicate and remind them that they have far more important things to do in their life, and a school exam is just a part of the bigger picture. It's also important to let your kids know that you will always be there for them, no matter what their performance is. Here are a few pointers what you can do:

► Observe your kid's behaviour before and during exams;

► Build mutual trust;

► Communicate to them your unconditional love and support;

► Encourage them to talk to you if they feel overwhelmed;

► Cheer them up, do some physical activities with them, provide them good nutrition and food, and let them rest;

► Share yours or others' success stories with your children;

► Assist them in choosing suitable cocurricular activities;

► Always be a decent audience;

► Maintain a pleasant and stable home environment.

Keep in mind that your children are not just your children, they are also the country's future. Treat them accordingly.

*The author is minister of state for external affairs and education.*

*Views are personal*

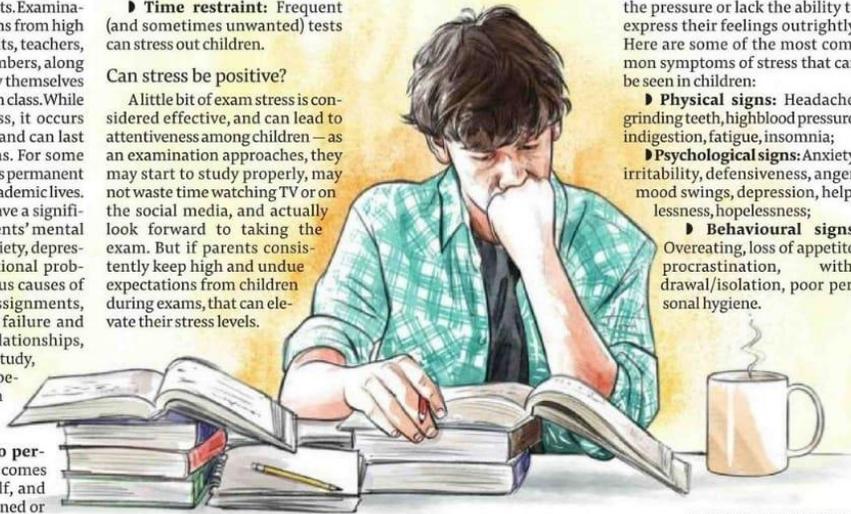


ILLUSTRATION: SHYAM KUMAR PRASAD

24<sup>th</sup> Jan 2024

## Alumnus announces academic grants for NIT-T students in partnership with Illinois Tech

Ram S. Ramanujam, alumnus of National Institute of Technology – Tiruchi (NIT-T), has announced an academic grants programme worth over ₹2.5 crore in collaboration with Chicago-based Illinois Institute of Technology over the next 10 years to NIT-T students for supporting their academic research and graduate studies.

According to an official statement on Tuesday, the partnership is being stewarded by the distinguished alumnus of NIT-T (Chemical Engineering, 1974) and the Illinois Institute of Technology (MS, Ph.D-1980), through the Drs. Ram and Thaila Ramanujam Foundation of California, USA, and NIT-T USA/RECAL, the institute's alumni association.

A minimum of five annual grants will be given over the next 10 years. Additionally, two scholarships are designated for deserving female students who are the first in their families to pursue college degrees at NIT-T.

The foundation will provide the grants to Illinois Tech exclusively for NIT-T students and faculty. Aspiring candidates can apply directly through NIT-T or the RECAL website.

“This remarkable initiative will undoubtedly catalyse the pursuit of academic excellence among our students,” G. Aghila, NIT-T director, said in the statement.

“The impact of these scholarships and additional assistance will resonate for years to come, shaping the educational journeys of numerous deserving students. It is a testament to the enduring legacy of our alma mater,” said Raja Renganathan, president, NIT-T USA Alumni Association.

**One-week Online Faculty Development Programme titled ‘Reading and Researching the Literature of Crisis’, in collaboration with the UNESCO Chair in Vulnerability Studies, University of Hyderabad on the 22nd of January**



The Department of Humanities and Social Sciences, National Institute of Technology, Tiruchirapalli began a one-week Online Faculty Development Programme titled ‘Reading and Researching the Literature of Crisis’, in collaboration with the UNESCO Chair in Vulnerability Studies, University of Hyderabad on the 22nd of January.

This virtual training programme, being held from 22nd to 28th January 2024, aims to help the participants to identify key concepts in Vulnerability Studies, and comprehend literary works that scrutinize human, nonhuman, and planetary vulnerabilities. Dr. V.K. Karthika of NIT Trichy, Prof. Pramod K. Nayar FRHistS, FEA who holds the UNESCO Chair in Vulnerability Studies and Prof. Anna Kurian, Faculty Fellow UNESCO Chair, University of Hyderabad are the convenors of the programme.

The inaugural event took place virtually, with Dr. V. K. Karthika welcoming the participants and esteemed guests. Prof. Pramod K. Nayar delivered the concept note, highlighting that the program would empower participants to explore Vulnerability Studies concepts across various forms and genres. He also discussed the Chair's mandate and collaborative projects aligned with the Sustainable Development Goals. Prof. G. Aghila, the Director of NIT Trichy, conveyed her congratulations and best wishes through Prof. N. Kumaresan, Director i/c, NIT Trichy, who presided over the event. In his presidential address, Prof. N. Kumaresan underscored the significance of such academic partnerships. Although unable to attend, Prof. B. J. Rao, the Vice Chancellor of the University of Hyderabad, also extended his wishes for the occasion.

The launch of the program was led by Ms. Aishwarya Sehgal, who represented the Chief of the Social and Human Sciences Unit at the UNESCO Regional Office in New Delhi. During her opening remarks, Ms. Sehgal underscored that this initiative goes beyond academic discourse, serving as a call to address global challenges actively. In a video message, Mr. Tim Curtis, the Director and UNESCO Representative at the UNESCO Regional Office in New Delhi, highlighted the program's potential for making meaningful contributions to society by crafting action plans that align with the Sustainable Development Goals.

Prof. R. Murugesan, HoD, Department of Humanities and Social Sciences, NIT Trichy offered their felicitations. Prof. Anna Kurian proposed the vote of thanks in which she conveyed the wishes of the UoH Vice Chancellor.

The programme commenced with a captivating session by Prof. Pramod K. Nayar. The sessions on the subsequent days will be handled by Dr. Saradindu Bhattacharya, Dr. Anna Kurian of University of Hyderabad, Dr. Sarah Falcus (The University of Huddersfield, UK), Dr. Maria Porrás Sanchez (Complutense University of Madrid, Spain), Dr. Swarnalatha Rangarajan (IIT Madras), and Dr. Meenakshi Srihari (Sai University). Over 550 participants registered for this programme and there are overseas participants from the UK, USA, Indonesia, and Pakistan.

**25<sup>th</sup> Jan 2024**

## **Dumping of garbage poses health risks to Ezhil Nagar**

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### **Residents blame it on the erratic door-to-door collection of garbage; they are demanding installation of surveillance cameras along the road to prevent indiscriminate dumping of waste**

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Indiscriminate dumping and burning of solid waste along the Uyyakondan canal near Ezhil Nagar in Tiruchi has triggered health concerns among residents.

The vacant space near the banks of the canal and roads connecting VOC Nagar and Kumerasapuram have been turned into dumping sites. Mounds of waste have turned into breeding grounds for mosquitoes, insects, and rodents, causing health and environmental issues.

Residents allege that irregular garbage collection in households is the main reason for indiscriminate dumping. “Officials should ensure proper functioning of door-to-door waste collection and install surveillance cameras to penalise violators,” said Salomi, a resident.

Since it is located in a residential neighbourhood, locals, particularly elderly citizens, who cross the street, feel suffocated by the thick smoke. Shop owners along the roadsides complain that their businesses suffer due to the pollution.

The residents are opposed to the proposal to set up a solid waste processing unit in the locality. Environmental activists also underline the need to remove encroachments, set up pedestrian and cycling pathways along the banks of the canal and improve solid waste management in the locality.

“The officials should create awareness on the proposal to establish a solid waste management processing unit and ensure its proper functioning. Strict action should be taken against those who dump waste in public places,” said Manoj Dharmar of Citizens of Uyyakondan, an action group focused on river conservation in the city.

Krishnasamudram panchayat president S. Ramya said: “Residents are apprehensive of such facilities coming up in their neighbourhood. We are working to address these concerns and will soon find a solution to implement the plan.”

## Publications by the Second Year M.A. Student



Shruti Saha and  
Sandra Shaji R.

**C**oimbatore Vizha 2024 edition brings back a beloved icon: the Double Takkar. This double-decker has been ascending through the city's bustling streets. This free ride, we figure out, isn't just a bus trip; it's a panoramic adventure journeying through the city's history and heart.

As two inquisitive souls who recently moved to the city, we had our heads turned in confusion when the open double-decker bus passed by our side. It took us only a short time to jump into the rare opportunity to explore the city from the top deck. The bus took us along the Gandhi Jayanti Avenue, offering a panoramic urban view with its skyline above and the vibrant town beneath. Much like Chippy, the Vizha mascot, we were capturing a bird's-eye view in the 30-minute ride, observing the roads kilometers through the heart of the city. But Double Takkar isn't just a

# All aboard the double-decker

Coimbatore Vizha's Double Takkar offers a panoramic adventure, traversing the heart of the city



significance dance. This bus boasts a glorious past. Rahul Karanth, chairperson of the organizing committee, traces its history: “Used by the Indian cricket team after their 2001 World Cup victory, it’s often as

The varied emotions the 30-minute ride brings about in its travellers add to the collection of a zillion stories the city preserves. As Takkar moves along the city, the remarkable architecture within its city corners slowly permeates outside, making people on the road witness spectacles of an unheard spectrum. It appeared that the city was watching us back. Double Takkar 2.0 adds a new chapter to the city's tales as the little sometimes runs crowds

A music-joyride through the heart of Coimbatore. We return.

Chemical Super Kings and even launched the Women's Premier League in Mumbai. This bus holds historic value, especially for sports fans.”

S Mahant, the co-chairperson of Coimbatore vizha, adds, “People always welcome the bus because it is a different experience. The view from the ground floor is a surreal blend of city's natural life, flowers and the buses. There has been an overwhelming response, and we've been running full all round.”

As the children discover the city, the adults rediscover it, nostalgically nostalgic past. Vikram Akula from the organizing team shares a snippet of his experience about a fulfilling bus rider's wish to travel in a double-decker. “Some took their aged parents and young kids for this mini excursion. There was one kid, I remember, who was so excited that he bought a toy bus for his kid. We have been receiving a great response across different age groups while carrying around 1000 people per day,” he says.

The varied emotions the 30-minute ride brings about in its travellers add to the beautiful collection of a zillion stories the city preserves. As Takkar moves along the city, the remarkable architecture within its city corners slowly permeates outside, making people on the road witness spectacles of an unheard spectrum. It appeared that the city was watching us back. Double Takkar 2.0 adds a new chapter to the city's tales as the little sometimes runs crowds

The bus operates at 10 AM to 6 PM. Visit us on Coimbatore Vizha 2024 app to book your ride.

# Stories women tell

City artist Ashik Jaffer Ali presents a solo show on women, featuring works focusing on their distinct hairstyles, at ArtStreet as part of Coimbatore Vizha

Shruthy Sabu and Sandra Shaji R.

**A**n elegant South Indian woman in a sari, a flower adorning her hair. You only see her from behind. This simple portrait speaks louder than words.

Artist Ashik Jaffer Ali showcases a series of similar watercolour portraits of South Indian women in her solo show that highlights the nuances of their culture. Ashik is excited for her show 'Secrets in the Folds' that begins today as part of ArtStreet 2023 of Coimbatore Vizha. Ashik, who was part of the organising team of Coimbatore Vizha's Art Street in the past years, is presenting her work for the first time in her hometown. From an architect to an activist who employs art as a statement, Ashik finds her journey enriching.

In her series, she shows how the simple act of doing their hair every day reveals a lot about the women's background, personality and even their quirks. The paintings bring these attributes to light, she captures their distinct personality through braids and buns adorned with flowers. "The reason I chose the backside is that a lot of



women take pride in taking care of their hair. So giving away the face will be blatant," says Ashik. All portraits are titled with a name best suited for the muse. The muted existence of these women is portrayed through subtle tones in cold-pressed papers.

We often tend to limit something by defining them, but Ashik's paintings offer a reverse exercise. She gives in her paintings a glimpse of who they could be so that the viewers can pause to ponder upon them, seeking faces and expressions. The details including grey hair, texture of the flowers, folds of the sari and the nuptial chain, add multiple narratives.

While some paintings are inspired by photographs, others are of the people she



knows. "One painting was actually inspired by my maid at home, who was physically abused. I felt a need to give something back to her and her community which is often neglected," remarks Ashik adding that she plans to donate some of the profit to RTU-India, an organisation that empowers women and children.

Ashik has also included two paintings that explore female friendships.

The rich tapestry of stories on 15x21 cm paper becomes a space for realisations. Ashik adds colour and individuality to the mundane that is often deemed monotonous.

The event preview is on today, 5pm to 7pm, followed by an exhibition tomorrow at 11am to 7pm, at ArtStreet, Race Course Road.

## Coimbatore's first butterfly park getting ready at Vellalore tank

**Shivaji Babu**  
**Sandra Shaji R.**  
COIMBATORE

The first butterfly park in Coimbatore city is getting ready at Vellalore tank, a semi-urban waterbody in the Nayak river system that is home to a variety of avifauna and insects.

The butterfly park project, which commenced in April this year, has successfully completed its phase one construction.

Initiated by the Royal Kelappal Padmakappa Anappa (RKPA), the butterfly park is seen to be opened to the public, right after the completion of the phase two work. The park, cutting up on the east bank in a patch of 80 metre width and 300 metre length, will serve as an testament of a positive human-environment interaction, according to RKPA.

A year long survey conducted by The Nature and Butterfly Society (TNBS) identified 101 butterfly species within the vicinity of the tank and the adjacent Mysawadi forest. In addition to the recorded species, the experts from TNBS spotted a new variety, *Common novalis*, following the conclusion of Phase one.

**801 species**  
According to A. Parakkal of TNBS, the 81 species of butterflies recorded in the tank belonged to five major families.

Some of the important species that are found in the semi-urban biological hotspot include Bamboo treebrown, Minku brown and Chocolate abnormis,



The works for the butterfly park at Vellalore tank in Coimbatore began in April this year. A. K. S. S. S.

which are predominantly insect species seeking shelter in the wetland.

"Whenever there is a butterfly, we tend to follow. It is as simple as that. At Vellalore, every month we used to have a few good species added to the list, so that is how the interest in Vellalore grew", he added.

The corporate social responsibility funds from Milaaron India Private Limited (Milaar Maastricht Division) provided the primary sponsorship for the construction of phase one, which encompasses the conservation of the butterfly garden and a walkway.

The phase two would include the establishment of an in-house information centre, which would provide scientific knowledge with respect to the butterfly species identified.

H. Manikandan, the founder of RKPA, envisions the park to serve as an educational platform to showcase the remarkable species of butterflies, their lifecycle and the phenomenon of butterfly migration.

Information centres with displays of knowledge guides and illustrations would enable the visitors to develop deeper insights regarding the butterfly population.

"The park is expected to emerge as a hub for disseminating valuable ecological knowledge. The prospect of exploring a butterfly park naturally intrigues visitors, prompting them to discover the myriad of butterfly species around. The presence of a butterfly park in a semi-urban landscape offers a unique opportunity to raise public awareness about the rich biodiversity existing in the urban wetlands. The park, which is also a home to a diverse population of bird watchers and nature enthusiasts", he said.

The efforts of converting the Vellalore tank into a biological hotspot began in the year 2017. The Mysawadi forest with its one thousand varieties of indigenous plants, serves as the backbone for the emerging project. As the phase two works are in progress, the park is seen to be one of its coexist, retaining its ecological spirit.

## Gender resource centre opened to offer legal aid and shelter to women and children

**The Hindu Bureau**  
UDHAMPALAM

A gender resource centre, aimed at ensuring the safety of women and children at risk of domestic violence, was inaugurated in Kotagiri recently.

The centre, which is being operated with funds from the Tamil Nadu State Rural Livelihoods Mission (Mahaar Thiruvani), was set

up to provide refuge as well as legal help to women and children. Speaking to The Hindu, M. Mallika, the manager of the resource centre, said that it was the first such facility that has been set up in the Nilgiris.

"It was set up in Kotagiri as the incidence of violence against women and children was higher here than in other parts of the

Nilgiris," said Ms. Mallika.

### Training given

The centre has among its members, lawyers, police as well as members of non-governmental organisations, who were given training about the role that the centre would play in intervening in cases where women or children faced physical or sexual violence, abuse, denial of pro-

perty or harassment.

### Counselling session

"The affected persons can directly contact the centre, which will assist in helping to set up a counselling session between affected parties, if the situation can be resolved, failing which, it will contact the police or lawyers to file a case against the offender," said officials.

John Cyril, the founder of Sarvi, an NGO, and who is also a member of the resource centre, said that victims who approach it will also be given refuge, including food and shelter till it was safe for them to either return home or to a place of safety. People in need of the safety of the centre can contact them through phone number: 0435-6273304.

**Notice Inviting Tender**

Reliance Industries Limited (RIL) and BP Exploration (Global Limited) (BP) and its subsidiaries are collectively referred to as the "Tenderer" and individually the "Tender". They have entered into a Production Sharing Contract for the Block NG-CW-803 (NG-CO), dated 12 April 2010 with the Government of India. The Tender is invited to sell Crude Oil produced from the Block (NG-CO Crude Oil).

On behalf of the Tenderer, RIL, invites bids from eligible bidders having the necessary capability and expertise, statutory and regulatory clearances for purchase of Crude Oil of approximately 15,000 Barrels (B) 2,000 MTPD (10 Crude Oil) per month.

Subject to the terms of the Release Inviting Tender (RIT) and Crude Oil Sale Agreement (COISA), the Crude Oil will be made available to Petro-India Ltd at NG-CO, Coimbatore Terminal (CT) Coimbatore, Telangana Mandali, East Godavari District, State of Andhra Pradesh or at such other ports as agreed between the Parties in writing (the "Delivery Point") for the period 1st February 2024 - 31st December 2024.

Prospective bidders are requested to visit https://www.ril.com/india/reliance-bp-block-803-regular-sale-tender and download the detailed RIT, which includes instructions to bidders and the Crude Oil Sale Agreement. Prospective bidders are requested to follow instructions as detailed in the RIT to participate in the tender process.

Sealing bids through the RIT does not in any manner constitute any endorsement or approval on the part of the Tenderer to supply NG-CO Crude Oil unless the same is accepted through a bid and being within COISA executed between the bidders and the prospective bidder, subject to requisite approvals. The above details however shall apply with the Government of India's consent or under any legally binding obligations whatsoever to the bidders.

The bids shall be submitted as per instructions in RIT by 15:00 hrs IST on 15 January 2024 ("Bid Due Date") and the same will be opened at 10:00 hrs IST on 15 January 2024.

**Head PGBA - ESP Domestic Business**  
Reliance Industries Limited  
Reliance Corporate Park, 8th, 9th, 12, 14 Wing, 2nd Floor,  
Thane-Belapur Road, Ghansoli, Near Mumbai - 401 707.

**Reliance**  
Industries Limited

**bp**

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# Coimbatore's first butterfly park getting ready at Vellalore tank

**Shruthy Sabu**  
**Sandra Shaji R.**  
COIMBATORE

The first butterfly park in Coimbatore city is getting ready at Vellalore tank, a semi-urban waterbody in the Noyyal river system that is home to a variety of avifauna and insects.

The butterfly park project, which commenced in April this year, has successfully completed its phase one construction.

Initiated by the Kovai Kulangal Padhukappu Amaippu (KKPA), the butterfly park is soon to be opened to the public, right after the completion of the phase two work. The park, coming up on the tank bund in a patch of 50 metre width and 300 metre length, will serve as a testament of a positive human environment interaction, according to KKPA.

A year-long survey conducted by The Nature and Butterfly Society (TNBS) identified 101 butterfly species within the vicinity of the tank and the adjacent Miyawaki forest. In addition to the recorded species, the experts from TNBS spotted a new variety, Common nawab, following the conclusion of Phase one.

## 101 species

According to A. Praveendhan of TNBS, the 101 species of butterflies recorded in the tank belonged to five major families.

Some of the important species that are found in the semi-urban biological hotspot include Bamboo treebrown, Medus brown and Chocolate albatross,



The works for the butterfly park at Vellalore tank in Coimbatore began in April this year. M. PRASAD

which are predominantly forest species seeking shelter in the wetland.

"Wherever there is a butterfly, we tend to follow. It is as simple as that. At Vellalore, every month we used to have a few good species added to the list, so that is how the interest in Vellalore grew", he added.

The corporate social responsibility funds from Milacron India Private Limited (Mold Masters Division) provided the primary sponsorship for the culmination of phase one, which encompasses the cocstruction of the butterfly garden and a walkway.

The phase two would include the establishment of an inhouse information centre, which would provide scientific knowledge with respect to the butterfly species identified.

R. Manikandan, the founder of KKPA, envisions the park to serve as an educational platform to showcase the remarkable species of butterflies, their life-cycle and the phenomenon of butterfly migration.

Interpretation centres with displays of knowledge guides and il-

lustrations would enable the visitors to develop deeper insights regarding the butterfly population.

"The park is expected to emerge as a hub for disseminating valuable ecocritical knowledge. The prospect of exploring a butterfly park naturally intrigues visitors, prompting them to discover the myriad of butterfly species around. The presence of a butterfly park in a semi-urban landscape offers a unique opportunity to raise public awareness about the rich biodiversity existing in the urban wetlands. The park, which is also a home to a diverse population of birds is expected to attract bird watchers and nature enthusiasts", he said.

The efforts of converting the Vellalore tank into a biological hotspot began in the year 2017. The Miyawaki forest with its ten thousand varieties of indigenous plants, serves as the backbone for the emerging project. As the phase two works are in progress, the park is soon to be out of its cocoon retaining its ecosophical spirits.

## COIMBATORE'S FIRST BUTTERFLY PARK GETTING READY AT VELLALORE TANK

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Out of the 328 species of butterflies found in Tamil Nadu, 31% have been recorded at Coimbatore's Vellalore tank

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The works for the butterfly park at Vellalore tank in Coimbatore began in April this year. | Photo Credit: PERIASAMY M

The first butterfly park in Coimbatore city is getting ready at Vellalore tank, a semi-urban waterbody in the Noyyal river system that is home to a variety of avifauna and insects.

The butterfly park project, which commenced in April this year, has successfully completed its phase one construction.

Initiated by the Kovai Kulangal Padhukappu Amaippu (KKPA), the butterfly park is soon to be opened to the public, right after the completion of the phase two work. The park, coming up on the tank bund in a patch of 50 metre width and 300 metre length, will serve as a testament of a positive human-environment interaction, according to KKPA.

A year-long survey conducted by The Nature and Butterfly Society (TNBS) identified 101 butterfly species within the vicinity of the tank and the adjacent Miyawaki forest. In addition to the recorded species, the experts from TNBS spotted a new variety, Common nawab, following the conclusion of Phase one.

According to A. Pavendhan of TNBS, the 101 species of butterflies recorded in the tank belonged to five major families. Some of the important species that are found in the semi-urban biological hotspot include Bamboo treebrown, Medus brown and Chocolate albatross, which are predominantly forest species seeking shelter in the wetland.

“Wherever there is a butterfly, we tend to follow. It is as simple as that. At Vellalore, every month we used to have a few good species added to the list, so that is how the interest in Vellalore grew”, he added.

The corporate social responsibility funds from Milacron India Private Limited (Mold Masters Division) provided the primary sponsorship for the culmination of phase one, which encompasses the construction of the butterfly garden and a walkway.

The phase two would include the establishment of an inhouse information centre, which would provide scientific knowledge with respect to the butterfly species identified.

R. Manikandan, the founder of KKPA, envisions the park to serve as an educational platform to showcase the remarkable species of butterflies, their life-cycle and the phenomenon of butterfly migration. Interpretation centres with displays of knowledge guides and illustrations would enable the visitors to develop deeper insights regarding the butterfly population.

“The park is expected to emerge as a hub for disseminating valuable eco-critical knowledge. The prospect of exploring a butterfly park naturally intrigues visitors, prompting them to discover the myriad of butterfly species around. The presence of a butterfly park in a semi-urban landscape offers a unique opportunity to raise public awareness about the rich biodiversity existing in the urban wetlands. The park, which is also a home to a diverse population of birds is expected to attract bird watchers and nature enthusiasts”, he said.

The efforts of converting the Vellalore tank into a biological hotspot began in the year 2017. The Miyawaki forest with its ten thousand varieties of indigenous plants, serves as the backbone for the emerging project. As the phase two works are in progress, the park is soon to be out of its cocoon retaining its ecosophical spirits.

## **26<sup>th</sup> Jan 2024**

National Flag. With patriotic fervour, and charisma, the students, faculty, and staff of the institute commemorated the enactment of the Constitution of India. The Director received the guard of honour and addressed the gathering. The NIT Trichy students presented cultural events making it a remarkable moment for the future.



**28<sup>th</sup> Jan 2024**

NIT Tiruchirapalli will be hosting a live streaming of the 'Pariksha Pe Charcha 2024'- the honourable Prime Minister's interaction with the students, parents, and teachers at Bharat Mandapam, Pragati Maidan, New Delhi on 29th of January at 11 am, at the Barn Hall. The honourable Prime Minister's interaction with the students- 'Pariksha Pe Charcha' was attended by the NIT Trichy students as well as the students of neighborhood government schools through live streaming at the campus. They were highly motivated by the tips given by the PM on handling the stress and fear of exams.

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**30<sup>th</sup> Jan 2024**

We are pleased to announce that NIT Tiruchirappalli has achieved the 2nd position (Runner-up) in both the Women's and Men's categories at the All India Inter NIT Swimming Tournament hosted by NIT Rourkela. Despite the challenging cold weather, our students displayed exceptional performance during the tournament. Nearly 300 students from various NITs participated in the Tournament.



**4<sup>th</sup> Feb 2024**

The 2024 edition of the Business & Entrepreneurship for Engineers (BEE) global elective has commenced. Last week was the Sales Masterclass, delivered by our 1984 alumni, Sreeram Thiagarajan (1984 RECT, 1987 IIM-A). In his inimitable style Sreeram's interaction was humorous yet incisive. The first part of the lecture helped students understand the value of

creating "instant rapport" with stakeholders while the second session helped students get out of their comfort zone to drive win-win conversations.

Later that evening, students had the opportunity to listen to the son of the soil, Jayaraman Sadasivan (1984 RECT, 1986 Drexel) talk about his entrepreneurship journey. It was "from the heart" extempore by Jayaraman, wherein he shared his views on the passion and adrenal that drives entrepreneurs on a daily basis. Students had the opportunity to listen to our beloved Director, Dr. G. Aghila at this dinner event.



## 5<sup>th</sup> Feb 2024



NIT Tiruchirappalli is proud to present two teams- The Big 4 and Carpe Diem, both of which have made it to the National Level Competition of the prestigious HSBC India Business Case Program (HIBCP) 2023-24. A majority of the participants from both the teams are members of NIT Tiruchirappalli's very own consulting club - 180 Degrees Consulting. The Big 4 and Carpe Diem are part of the top 12 teams at National Level who have been selected after multiple rounds of screening held for over 4 months.

## 6<sup>th</sup> Feb 2024



## 9<sup>th</sup> Feb 2024

The masterclass in Economics began with a simple but profound statement that on how the universe is not divided into departments the way any teaching institution is. With that Chandru Rajam, the masterclass trainer for Economics spent 4 sessions over two days on 7, 8 Feb-24 with the class of BEE - 24.

He explained how there are various sciences, not just physics, chemistry and biology but also the physical, social, material, medical, and many more sciences. And that economics, among others

of its ilk, is a science with the only differentiator being in its unpredictable nature as opposed to the ones in engineering & pure sciences.

The cohort was treated to a simple, effective and thoughtfully put together presentation, explanation and engaging discussion on macroeconomics which included among others the six principles that bind them together and these were discussed in detail with examples & analogies to drive home the point. Chandru then took the class through microeconomics which considers the behavior of decision takers within the economy, such as individuals, households and firms.

Overall, a truly engaging and enriching session! All this notwithstanding the fact that Chandru delivered his sessions at 5:30AM his time from Washington DC where he stays!



**10<sup>th</sup> Feb 2024**

## **PARLIAMENT CLEARS PUBLIC EXAMINATIONS (PREVENTION OF UNFAIR MEANS) BILL, 2024**

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In an attempt to arrest cheating in government recruitment exams, the Parliament on February 9 cleared the Public Examinations (Prevention of Unfair Means) Bill, 2024, which aims to prevent use of “unfair means” in public examinations in order to bring "greater transparency, fairness and credibility”. Recognizing that as on date, there is no substantive law dealing with adoption of...

14<sup>th</sup> Feb 2024



The prestigious National Institute of Technology (NIT) Trichy is poised to commemorate its 60th year anniversary alongside the 10th year anniversary of the Indian Geotechnical Society (IGS) Trichy Chapter with the International Symposium on Geotechnical Aspects of Heritage Structures (ISGHS 2024). Scheduled from February 14th to 16th, 2024, at NIT Trichy, this symposium is anticipated to be a pivotal event in heritage conservation and geotechnical engineering.

## **LOWER NUMBER OF CREDITS, FOCUS ON PRACTICAL LEARNING KEY TO PROGRESS: AICTE CHIEF**



Sitharam says India's best chances to succeed on a global level in higher education is to concentrate on promoting STEM courses

A lower number of college course credits with greater emphasis on practical and industry-specific learning is essential for the country's progress, said T.G. Sitharam, chairman, All India Council for Technical Education (AICTE).

In an interaction with senior faculty members of the National Institute of Technology – Tiruchi (NIT-T) on the sidelines of a symposium on February 14, Mr. Sitharam said India's best chances to succeed on a global level in the higher education stakes was to concentrate on promoting STEM (science, technology, engineering, mathematics) courses.

“We are producing over 1.3 million engineers, not just for India, but for the whole world. The National Education Policy [NEP] in its third year has shown us that traditional classroom teaching is irrelevant today. Instead, we have to incorporate flexible undergraduate and postgraduate courses, and provide talented students an opportunity to thrive. I am planning to reduce the number of credits from 160 to 140-145 next year, as educational institutions abroad offer only around 120 credits,” said Mr. Sitharam. [Every course is allotted credit points based on the number of hours of tutorials and practicals. Credit points secured by students reflect in their overall assessment.]

The AICTE chief said greater emphasis would be placed on practical and vocational learning. “Make internship mandatory, from three months to a full year, and get it accredited. You could also incorporate micro-credits for skill courses in self-learning mode,” he said. “Already, University Grants Commission and AICTE allow for 40% of the course to be taken up through self-learning.”

Speaking on pedagogy and learning modules, he encouraged teachers to let children use ChatGPT ethically in their course work. He also highlighted the gap between school and college education in the country. “In the past three years of the NEP, we have seen that there are nearly 4.3 crore students in higher education, while we have over 15 crore students in school education. We need to fix this in the coming years,” he said.

### *Dropout problem*

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Replying to a query on how to deal with M.Tech students who drop out midway in favour of public sector jobs, Mr. Sitharam admitted that the problem was prevalent across many institutions. “Students could be allowed to leave after they complete two semesters, but perhaps there should be an arrangement for them to return briefly to finish their course later,” he said.

He also said the AICTE was mulling how to break the norm of students using diploma courses as a lateral entry to get admission into core engineering. “We want to shift the focus away from the joint engineering entrance [JEE] test, and bring schools earlier into higher education,” Mr. Sitharam said.

With the AICTE transforming from a regulator to a facilitator, it would look into issues such as bringing women back into higher education through new schemes, he added.

### **15<sup>th</sup> Feb 2024**

The prestigious National Institute of Technology (NIT) Trichy is poised to commemorate its 60th year anniversary alongside the 10<sup>th</sup> year anniversary of the Indian Geotechnical Society (IGS) Trichy Chapter with the International Symposium on Geotechnical Aspects of Heritage Structures (ISGHS 2024). Scheduled from February 14th to 16th, 2024, at NIT Trichy, this symposium is anticipated to be a pivotal event in heritage conservation and geotechnical engineering.

### **16<sup>th</sup> Feb 2024**



Progyan - 2024, A National Level Management Meet conducted by Sastra University. Students of DOMS actively participated in this National Management Meet and won various prizes. The team comprising of Aritra Maji and Ayush Mishra emerged as the winners of the Business plan. The team comprising of Aravind and Dharshini won the Stock War. The team comprising of Deepalakshmi, Niveditha and Suniti Kumari emerged as Winners of the HR Event. The Team comprising of Bhuvan Sundar, Bala Saraswathi and Jasvanth Harrish emerged as Runners of the IPL Auction (Strategy & Investment Decision) event. The team comprising of Abirami, Harshavardhini, Gowri Shankar and Nivetha emerged as runners of the Marketing event. On winning various events, NITT was adjudged as the Overall - Champions of Progyan' 2024.

**20<sup>th</sup> Feb 2024**



NIT Tiruchirappalli, with a contingent of 61 athletes, emerged as the overall champions of the tournament, securing 9 gold medals, 7 silver medals, and 2 bronze medals. Meanwhile, NIT Warangal, the organizing institution, secured the second position in the competition.

The All India Inter NIT Athletics and Kho-Kho Tournament took place from February 16th to February 18th, 2024, at NIT Warangal. The event was graced by Shri Joseph G Abraham, an Arjuna Awardee in athletics, who served as the chief guest. Nearly 800 students from various NITs across the nation participated in the tournament.



# பிரக்யான் 24 திருச்சி என்ஐடியில் நாளை தொடக்கம்

திருச்சி, சிப். 21-

திருச்சி என்ஐடியில் 'பிரக்யான் - 24' என்ற தலைப்பிலான தொழில்நுட்ப விழா நாளை (22ம் தேதி) தொடங்கி 25ம்

<b>மாணக்கொடை களிக்கோழி</b> மனக் கொடைகள் நூல்கள் புதிது 2023/2024 சந்திரா சேனா சிவசேனா <b>21-02-2024</b>	
திருச்சி	மயம்மலர்
₹140	₹130
முதுங்கோட்டை	அரியலூர்
₹140	₹140
சிறிய காழி 1700டி₹₹ 3 ரூபாய்	

## எல் அன்ட் டி ஏவுகணை தொழில் பிரிவு தலைவர் வருகை

தேதி வரை 4 நாட்கள் நடக்கிறது. இதுகுறித்து திருச்சி என்ஐடி இயக்குனர் அனிலா திருபாண்டம் தெரிவு கூறியதாவது:

திருச்சி தேசிய தொழில்நுட்பக் கழகத்தில் (என்ஐடி), மாணவர்களின் படைப்பாற்றலை வெளிக்கொண்டு வரும் வகையில் ஆண்டுதோறும் தேசிய அளவிலான பிரக்யான் தொழில்நுட்ப விழா மற்றும் பரிவரணம் நடத்தப்பட்டு வருகிறது.

இத்தொண்டுகளை பிரக்யான் -24 நாளை (22ம்

தேதி) தொடங்கி 25ம் தேதி வரை 4 நாட்கள் தொடர்பெற உள்ளது. தொடக்க விழாவில், எல் அன்ட் டி ஏவுகணைகள் தொழில் பிரிவு தலைவர் லக்ஷ்மீன் தொடங்கி கலந்துகொள்ளும்.

தொடர்ந்து மருத்துவத் துறையில் தோபல் பரிசு பெற்ற சிச்சுட் சாபுட், எப்.ஓ.பி.ஐ முன்னாள் ஏஜென்ட் ஸ்காட் ஆகஸ்ட் பாயும், தொம்பொருள் ஆல்வாஸ் அர்ஷ் அலி, வால்ட் டிஸ்னி திறுவனத்தில் முன்னாள் நிர்வாக இயக்குனர் கோஷாவி கார்த்தம்ராஜா உள்ளிட்ட பலர் பங்கேற்கும் பல்வேறு தொழில்நுட்ப தலைப்புகளில் பரிவரணம் நடைபெறுகிறது. திறமையான விழாவில் சிவசேனா ஆர் இயக்குனர் கலைச்செல்வி கவந்து கொள்வார்.

இவ்விழாவை முன்னிட்டு, தடைபெறும் தொழில்நுட்பக் கண்காட்சியில், பியோனீர் கவர்ட் ரம்பீன் ரோபோட், மயம்மலர் சிமனாண்டு ரோபோ ரோப, சைகைலால் கட்டுப்படுத்தப்படும் டிரோன், யுவி டிரோன், ராக்ஹெட் ராக், செயற்கைகொல்கை, இயற்கை மற்றும் ஆவடி படைக்கலத் தொழில்நுட்ப கருவிகளும் காட்சிக்கு வைக்கப்பட உள்ளன.

இப்போட்டிகளில் தேசிய மற்றும் சர்வதேச அளவில் 3 ஆயிரம் மாணவர்கள் தொடர்பாகவும் ஆன்லைனில் 10 ஆயிரம் மாணவர்களும் பங்கேற்க உள்ளனர். பள்ளி, கல்லூரி மாணவர்கள் கட்டடமியின்றி கவந்து கொள்ளலாம். இவ்வாறு அவர் தெரிவித்தார்.

**தினமும் காலையில் புத்துணர்வு தரும் உங்கள் அமுல்யா.**



# திருச்சி என்.ஐ.டி.யில் 'பிரக்யான்' தொழில்நுட்ப விழா



திருச்சி, பி.டி. 21

திருச்சி என்.ஐ.டி.யில் பிரக்யான் தொழில்நுட்ப விழா திருச்சி தேசிய தொழில்நுட்பக் கழகத்தில் பிரக்யான் 24 என்ற தலைப்பிலான தொழில்நுட்ப விழா வரும் 22 ஆம் தேதி முதல் 25 ஆம் தேதி வரை நடைபெறுகிறது.

இது குறித்து திருச்சி என்.ஐ.டி. இயக்குநர் செயதியாளர் கனக குபேட்டி அளித்தார்...

திருச்சி என்.ஐ.டி. தேசிய அளவில் ஆண்டுதொறும் மாணவர்களின் படைப்பாற்றவை வெளிக்கொண்டு வரும் வகையில் நடத்தப்படும் பிரக்யான் தொழில்நுட்ப விழாவானது வரும் 22 ஆம் தேதி முதல் 25 ஆம் தேதி வரை 4 நாட்களுக்கு நடைபெற உள்ளது தெரிவித்தார்

இதனை எல்.அன்.டி.

ஏலகண்ணகன் தொழில் பிரிவில் தலைவர் லக்ஷ்மீஷ் தொடங்கி வைக்கிறார்.

இதில், மருத்துவத்தில் நோபல் பரிசு வென்ற ரிச்சர்ட் ராபர்ட் ஸ்பீக்ரீஸ் முன்னாள் ஏனொவ்ன்ஸ்காட் ஆகண்ட்பவும், தொல்பொருள் ஆய்வாளர் அர்ஷ் அலி, டாக்டர் டி.என். சி. நிறுவனத்தின் முன்னாள் நிர்வாக இயக்குநர் சேஷாயி கார்த்தம் ராஜா உள்ளிட்ட பலர் பங்கேற்கும் பரிசீலனம் நடைபெறுகிறது. திரைப்படம் விழாவில் சி.எஸ்.ஐ.ஆர் இயக்குநர் கலைச்செல்வி பங்கேற்கிறார்.

பிரக்யான் தொழில்நுட்பக் கண்காட்சியில் பிரிவுவாரிக் க்வாட்ரபிளின் ரோபோட்டி, மல்டி ஹரிமனாஃடு ரோபோட்டி, கண்காணல் கட்டுப்படுத்தப்படும் டிரோன், புவியீட்டு ரோன், குயி

என்.ஐ.டி. ராக்ஹெட் குக், செயற்கை கோள்களும், இன்ரோ மற்றும் ஆவடி படைக்கலத் தொழில்நுட்பம் பொருள்களும் காட்சிக்கு வைக்கப்படும்.

இதில், சிமோல் அனலா க் சர்க்கூட்டிசைன், செயற்கை துண்டறிவு அன்.ஐ.டி.யில், வேட்டன்ட் வைபேஜ், ஆட்டோடெஸ்க், தேல்கிம், ஷைப் பாதுகாப்பு போன்ற பயிற்சி பட்டறைகளும், மேலாண்மை, குறியீட்டு முறை, ரோபோட்டிக்ஸ் பிரிவுகளில் போட்டிகளும் நடத்தப்படவுள்ளன. பிரக்யான் விநாடி, வினா, ஷாட் அபு அரிஃஃ, ஷாட் ராககெட்டரி, பிஸ்ட் ஆப் காட், கேப்சர் தி'க்' பிளாக் மேலாண் திகழ்வுகளும், கலைத் திருச்சிகளும் நடைபெறுகிறது.

**வழங்க**  
 கோட்டாச்சிபுட்  
 ஓ.டி. கண்ணகன் கோட்டாச்சிபுட்  
 கருத்தூர் தெருவின் எண்: 1296  
 எண்: 600096  
 த.க.எண்: 09952190022  
 த.எண்: 09952190024

**தொடர**  
 கல்புள்ளி மாண்பு  
 வம்: 09952190024  
 பிளையாபிளாட் 2096  
 ஹெட், தர்மவடாச்சிபுட்  
 எண்: 600096

**ஆர்.என்.டி**  
 தெருவின் எண்: 1296  
 த.க.எண்: 600096  
 எண்: 600096  
 த.க.எண்: 09952190022  
 த.எண்: 09952190024

**ஆர்.என்.டி**  
 தெருவின் எண்: 1296  
 த.க.எண்: 600096  
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 த.க.எண்: 09952190022  
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மாணவர்கள் இதற்கான தகுதியை குகவரி:  
 குகவரி: 09952190022  
 த.க.எண்: 09952190022  
 த.எண்: 09952190024  
 எண்: 600096

The National Institute of Technology Tiruchirappalli is one of the premier institutes in the country, offering quality education to students from diverse backgrounds since its establishment in 1964. NIT Trichy boasts an NIRF rank of 9 among all engineering institutes in the country, celebrates Pragyan'24 from 22 February to 25 February.

The inaugural edition of Pragyan was conceived in 2005 by the students of NIT Trichy in an effort to foster creativity and innovation in young minds. The annual techno-managerial festival, which started off small, has grown into a student-run organization that hosts online events that draw attendees from over 60 countries and a physical spectacle that draws 6,000 people. The pinnacle of its phenomenal expansion is the Sustainable Event Management (SEM) ISO 9001 and 20121 certification that Pragyan has earned. This makes it the first student-run organization globally and the third overall, after Manchester United and the London Olympics to receive this certification. Pragyan has continuously served as a forum for students to demonstrate their creativity and gives young people the chance to share ideas with one another across the nation.

This edition of Pragyan, we are honoured to have Mr. Laxmesh BH, Vice President and Head - Missiles & Aerospace Business, L&T Defence, Larsen & Toubro, as the chief guest. Mr. Laxmesh BH is a Mechanical Engineer with Management and leadership top-ups from SP Jain Institute of Management, Ross Institute of Leadership, Michigan, and INSEAD Singapore. He has delivered critical and strategic projects for the D-N-A development triad of DRDO, BARC, AND ISRO. With the purpose of “Making India Safer, Stronger and Self-reliant collectively,” he is currently working towards developing India as a global Space Hub. On August 23rd, 2023, ISRO marked a historic achievement as the Pragyan Rover landed on the Moon's South Pole, making India the first country to do so. Pragyan's Space Week paid ode to the heroes and minds that worked on this historic feat with a wide array of Guest Lectures and Social Media Posts featuring the likes of Dr. P. Veeramuthuvel, the mission director of the incredible lunar mission.

Pragyan boasts a unique forum of events, which are grouped into seven primary clusters. They feature a range of domains like management (MANIGMA), coding (BYTEHOC), robotics (ROBOSPIRE), and many more. Participants can look forward to many thrilling events, including the Pragyan Main Quiz, Startup Arena, Water Rocketry, Fist of God and Capture the Flag.

This edition of Pragyan features an acclaimed line-up of guest lectures by experts who are renowned in their respective fields. The esteemed speakers are Dr. Richard Robert, a 1993 Nobel Laureate in Physiology or Medicine; Shreya Dasgupta, the Director of Analog Devices and an alumnus of NITT; Scott Augenbaum, a former FBI agent and cybercrime prevention trainer; Arsh Ali, India's youngest archaeologist; Seshasayee Kanthamraju, the former Executive Director of Studios Marketing, Corporate Communications and Citizenship at The Walt Disney Company and the current Chief Executive Officer at Ramoji Film City; Savio Mascarenhas, the Group Art Director at Amar Chitra Katha and the illustrator of Shikari Shambhu; Anuj Dhar and Chandrachur Ghose, the authors of “Conundrum” and Dr. Radhakrishnan Pillai, the best-selling author and Chief Leadership Coach. Pragyan '24 also presents the thrilling Crossfire on the topic, “War and

Social Change: Revolution vs Non-Violence.” Students will get an opportunity to witness a fiery discussion with a stacked panel of guests, which include Amar Farooqui, Kapil Kumar, Chandrachur Ghose, Bijay Nair, Anuj Dhar, Mallika Joseph, and Sanjeev Kumar, along with M. Rangarajan Ravi as the Moderator.

Pragyan aims to reach a broader audience by employing the most effective communication channels. The Pragyan Blog witnessed another successful year, with a roster of literary pieces covering various themes. The Pragyan Blog is a hub of knowledge and information, from mathematical wonders to architectural history to the science behind faith. This season of the Pragyan Podcast saw enlightening episodes such as “A Med-evil Conversation,” which focussed on the neglect women face in healthcare, and “An Illuminati(ng) Conversation,” which shed light on intriguing conspiracy theories.

The presence of Pragyan on various other platforms, such as newspapers and radio channels, has also caught the eye of the general public. Some of the notable sponsors of Pragyan ‘24 are Larsen & Toubro, Cisco, TVS Apache, Bharat Versity, and NLC. The theme for this edition of Pragyan is Chronocle: A saga of Time. With just a few days to go for the fest, brace yourself as you jump the warp and explore the fine line between the past, present and the future. A key component of the Pragyan '24 experience will be workshops, where industry professionals will lead thought-provoking, practical sessions in certain technology specializations. Pragyan ‘24 presents a diverse portfolio of workshops, such as CMOS Analog Circuit Design by Texas Instruments, building edge AI applications on the MAX7800X microprocessor by Analog Devices, ethical hacking and cyber security by HT India Labs, and many more by Cybage, Latent View, Upstox, KPMG, Intuit and Autodesk.

Additionally, participants will be inspired by displays of leading-edge robotics technology at Pragyan '24. The Bionic Quadrupled Robot, the Multi Humanoid Robot Show, the Gesture Controlled Drone Experience, and the UAV Drone by Garuda Aerospace and Rhumi hybrid rockets and satellites by Space Zone Chennai will be displayed. Exhibits from the Aeronautical Development Agency, Bangalore and Armoured Vehicles Nigam Limited, Avadi will also be showcased at the Exhibitions of Pragyan ‘24. These displays offer a glimpse of what the future may hold as well as the unrealized potential hidden behind apparent barriers that might be broken by creative ingenuity.

Every year as part of the fest, Pragyan organizes Sangam and Ingenium to foster out-of-the-box thinking. The event aims to give aspiring technocrats a stage to showcase their creativity via inventions and ideas. While Ingenium is only available to young tech enthusiasts from outside of NITT, Sangam is an intra-NITT competition. This year's themes center on defense technology, healthcare, and the environment. As they are assessed by a knowledgeable team of judges, watch as the most brilliant minds in the country enthral the audience with their captivating case studies and innovations. With each new edition, Pragyan's infotainment shows surpass the expectations of the audience. This year's lineup of infotainment acts promises to add some joy and anticipation to

the fest. Kashi Fire Crew will be setting the stage ablaze with their Fire Act, while the Light Crew promises to dazzle the arena with their LED Flow Act. Pragyan '24 also features incredible shows by Aerial Acts India, with the final day consisting of shows by Naresh Iyer and Non Violinist Project.

In an effort to give back to the community, Pragyan established a Social Responsibility wing in 2012 and has since launched a number of programs to serve different societal groups. The second edition of Techids was conducted with the intention of giving bright young minds a forum to study technology. The program consisted of hands-on workshops that were open to students in grades 11 and 12, as well as career guidance sessions. Hundreds of youngsters have benefited from Pragyan's Social Responsibility initiative, Bag Of Delights, which aims to enhance the atmosphere and environment for children attending government schools. A 32-hour Hack-a-thon, was held on the 27th of January, 2024, at Virtusa Navalur Campus, Chennai, where participants tackled problem statements in domains such as Blockchain, Environmental Sustainability and Smart City.

The Student Center for Innovation in Engineering and Technology, or SCIEnt, is collaborating with Pragyan this year to host a two-day event titled OpenHouse. The event aims to showcase a multitude of projects made by the student community, spanning technical clubs, departments, and even features select startups founded by students.

This year, in an exciting development, the organizing team is extending invitations to investors and venture capitalists. Their presence highlights the collective ambition to propel these projects from the ideation stage through pre-incubation, and ultimately to market-ready solutions. Pragyan 2024 aims to be the perfect anthology of science, technology, and entertainment. In keeping with the legacy that Pragyan has built over the years, this 20th edition aims to reach greater heights and leave behind a mark on the enduring legacy of a beloved fest.

**திருச்சி என் ஐ டி யில் 10 ஆயிரம் மாணவர்கள் பங்கேற்கும் ப்ரக்யான் 24 வரும் 22ம் தேதி தொடங்குகிறது .**

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திருச்சி தேசிய தொழில்நுட்பக் கழகத்தில் (என்ஐடி) ப்ரக்யான் -24 என்ற தலைப்பிலான தொழில்நுட்ப விழா பிப்.22- ஆம் தேதி முதல் 25- ஆம் தேதி வரை நடைபெறுகிறது.

இதுகுறித்து திருச்சி என்.ஐ.டி. இயக்குநர் ஜி. அகிலா செய்தியாளர்களிடம் கூறியதாவது:

திருச்சி என்ஐடியில் தேசிய அளவில் ஆண்டுதோறும் மாணவர்களின் படைப்பாற்றலை வெளிக்கொணரும் வகையில் நடத்தப்படும் ப்ரக்யான் தொழில்நுட்ப விழா பிப். 22- ஆம் தேதி தொடங்கி 25- ஆம் தேதி வரை நடைபெற

உள்ளது. இதனை எல்அன்ட் டி ஏவுகணைகள் தொழில் பிரிவின் தலைவர் லக்ஷ்மேஷ் தொடக்கி வைக்கிறார்.

இதில், மருத்துவத்தில் நோபல் பரிசு வென்ற ரிச்சர்ட் ராபர்ட், எப் & பிஐ முன்னாள் ஏஜென்ட் ஸ்காட் ஆகன்ட்பவும், தொல்பொருள் ஆய்வாளர் அர்ஷ் அலி, வால்ட் டிஸ்னி நிறுவனத்தின் முன்னாள் நிர்வாக இயக்குநர் சேஷசாயி காந்தம்ராஜு உள்ளிட்டோர் பங்கேற்கும் பயிலரங்கம் நடைபெறுகிறது. நிறைவு விழாவில் சிஎஸ்ஐஆர் இயக்குநர் கலைச்செல்வி பங்கேற்கிறார். ப்ரக்யான் தொழில்நுட்பக் கண்காட்சியில் பயோனிக் க்வாட்ரப்பிள் ரோபோட், மல்டி ஹூமனாய்டு ரோபோ ஷோ, சைகையால் கட்டுப்படுத்தப்படும் ட்ரோன், யுவி ட்ரோன், ரூமி ஹைப்ரீட் ராக்கெட்டுகள், செயற்கைகோள்களும், இஸ்ரோ மற்றும் ஆவடி படைக்கலத் தொழிற்சாலைப் பொருள்களும் காட்சிக்கு வைக்கப்படும்.

இதில், சிமோஸ் அனலாக் சர்க்யூட் டிசைன், செயற்கை நுண்ணறிவு, அப்ஸ்டாக்ஸ், லேட்டன்ட் வைபேஜ், ஆட்டோ டெஸ்க், ஹேக்கிங், சைபர் பாதுகாப்பு போன்ற பயிற்சி பட்டறைகளும், மேலாண்மை, குறியீட்டு முறை, ரோபாட்டிக்ஸ் பிரிவுகளில் போட்டிகளும் நடத்தப்படவுள்ளன.

ப்ரக்யான் விநாடி வினா, ஸ்டார்ட்அப் அரினா, வாட்டர் ராக்கெட்டரி, பிஸ்ட் ஆப் காட், கேப்ச்சர் தி 'ஃ'பிளாக் போன்ற நிகழ்வுகளும், கலைநிகழ்ச்சிகளும் நடைபெறுகிறது.

போட்டிகளில், தேசிய மற்றும் சர்வதேச அளவில் 3 ஆயிரம் மாணவர்கள் நேரடியாகவும், இணையதளம் வழியாக சுமார் 10ஆயிரம் மாணவர்களும் பங்கேற்க உள்ளனர்.

பள்ளி, கல்லூரி மாணவர்கள் உள்பட அனைவருக்கும் அனுமதி இலவசம் என கூறினார்.

**Workshop on Carbon mitigation techniques using advanced coal cycles, MSW and other biomass resources (CMT), under the KARYASHALA scheme**

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On Monday, 19th Feb 2024, the Department of Energy and Environment has organised a 7-day workshop on Carbon mitigation techniques using advanced coal cycles, MSW and other biomass resources (CMT), under the KARYASHALA scheme. This workshop is funded by Science and Engineering Research Board (SERB), Department of Science and Technology, GoI, held at

National Institute of Technology, Tiruchirappalli. About 25 participants out of 80 applicants from different colleges had the privilege of attending the workshop.

The inauguration started upon the arrival of the Dr. R.Karvembu, Dean Student Welfare, the chief guest Shri M Venkatachalam, Director (Power), NLC India Ltd and other dignitaries in the venue. The occasion started with lighting of the lamp and the welcome song Tamil Thai Vazhthu. The welcome address was delivered by Dr Aditya Kumar, Assistant Professor, Department of Energy and Environment. Speaking with wisdom, Dr. M. Premalatha, Professor, Department of Energy and Environment gave a brief introduction about the workshop.

The honourable Dean Student Welfare, Dr. R.Karvembu, has given an insightful speech about the carbon net zero emission and the ways of attaining Sustainable Development Goals. As a token of love, the guests of honour were felicitated with the memento. Followed by the inauguration, the keynote speaker, Shri. M. Venkatachalam, Director (Power), NLC India Ltd. has explained about the rift between cost of electricity and cost of carbon capture technology. Furthermore he has given a brief about the current and future strategies of Thermal Power Plants in India.

The event organizer Dr. V. M. Jaganathan, Assistant Prof, Department of Energy and Environment has concluded the ceremony with gratitude by giving vote of thanks. The workshop focused on providing the participants with comprehensive knowledge on how carbon mitigation techniques help combat climate change and preserve ecosystem. Embracing these strategies is essential for creating a sustainable future and ensuring the wellbeing of both current and future generations.



மாணவர்களின் படைப்பாற்றலை மேம்படுத்தும்  
'பிரக்யான் தொழில்நுட்ப விழா' திருச்சி என்ஐடியில்  
நாளை தொடக்கம்!



Trichy NIT: திருச்சி என்ஐடி மாணவர்களின் படைப்பாற்றலை வெளிக்கொண்டு வரும் வகையில் நடத்தப்படும் 'பிரக்யான் தொழில்நுட்ப விழா' நாளை முதல் 25ஆம் தேதி வரை நடைபெறுகிறது.

பிரக்யான் தொழில்நுட்ப விழா

**திருச்சி:** திருச்சி துவாக்குடியில் தேசிய தொழில்நுட்பக் கழகம்(NIT) அமைந்துள்ளது. இந்த கல்வி நிறுவனத்தில் தமிழ்நாடு மட்டுமில்லாமல் மற்ற மாநிலங்களைச் சேர்ந்த மாணவ, மாணவிகள், பொறியியல், அறிவியல் தொழில்நுட்பம் , ஆராய்ச்சிகள் என அறிவியல் சார்ந்த படிப்புகளை படித்து வருகின்றனர். தேசிய தொழில் நுட்பக் கழகத்தில் பிரக்யான் 24 என்ற தலைப்பிலான தொழில்நுட்ப விழா வரும் 22ஆம் தேதி முதல் 25ஆம் தேதி வரை நடைபெறுகிறது.

இது குறித்து திருச்சி என்.ஐ.டி. இயக்குநர் ஜி. அகிலா செய்தியாளர்களிடம் பேசுகையில், "திருச்சி என்ஐடியில் தேசிய அளவில் ஆண்டுதோறும் மாணவர்களின் படைப்பாற்றலை வெளிக்கொண்டு வரும் வகையில்

நடத்தப்படும் 'பிரக்யான் தொழில்நுட்ப விழா' இந்த ஆண்டு வரும் 22ஆம் தேதி முதல் 25ஆம் தேதி வரை 4 நாட்களுக்கு நடைபெற உள்ளது.

இந்த விழாவை எல்அன்ட்டி(L&T) ஏவுகணைகள் தொழில் பிரிவின் தலைவர் லக்ஷ்மேஷ் தொடங்கி வைக்கிறார். இதில், மருத்துவத்தில் நோபல் பரிசு வென்ற ரிச்சர்ட் ராபர்ட், எப்"ஃ"பிஐ முன்னாள் ஏஜென்ட் ஸ்காட் ஆகன்ட்பவும், தொல்பொருள் ஆய்வாளர் அர்ஷ் அலி, வால்ட் டிஸ்னி நிறுவனத்தின் முன்னாள் நிர்வாக இயக்குநர் சேஷசாயி காந்தம்ராஜு உள்ளிட்ட பலர் பங்கேற்கும் பயிலரங்கம் நடைபெறுகிறது.

நிறைவு நாள் விழாவில் சிஎஸ்ஐஆர் இயக்குநர் கலைச்செல்வி பங்கேற்கவுள்ளார். பிரக்யான் தொழில்நுட்பக் கண்காட்சியில் பயோனிக் க்வாட்ரப்பிள் ரோபோட், மல்டி ஹூமனாய்டு ரோபோ ஷோ, சைகையால் கட்டுப்படுத்தப்படும் ட்ரோன், யுவி ட்ரோன், ரூமி ஹைப்ரீட் ராக்கெட்டுகள், செயற்கைகோள்களும், இஸ்ரோ மற்றும் ஆவடி படைக்கலத் தொழிற்சாலைப் பொருள்களும் காட்சிக்கு வைக்கப்படும்.

இதில், சிமோஸ் அனலாக் சர்க்யூட் டிசைன், செயற்கை நுண்ணறிவு, அப்ஸ்டாக்ஸ், லேட்டன்ட் வைபேஜ், ஆட்டோ டெஸ்க், ஹேக்கிங், சைபர் பாதுகாப்பு போன்ற பயிற்சி பட்டறைகளும், மேலாண்மை, குறியீட்டு முறை, ரோபாட்டிக்ஸ் பிரிவுகளில் போட்டிகளும் நடத்தப்படவுள்ளன.

பிரக்யான் விநாடி வினா, ஸ்டார்ட்அப் அரினா, வாட்டர் ராக்கெட்ரி, பிஸ்ட் ஆப் காட், கேப்ச்சர் தி "ஃ"பிளாக் போன்ற நிகழ்வுகளும், கலை நிகழ்ச்சிகளும் நடைபெறுகிறது. போட்டிகளில், தேசிய மற்றும் சர்வதேச அளவில் 3,000 மாணவர்கள் நேரடியாகவும், இணையதளம் வழியாக சுமார் 10,000 மாணவர்களும் பங்கேற்க உள்ளனர். பள்ளி, கல்லூரி மாணவர்கள் உள்பட அனைவருக்கும் அனுமதி இலவசம்" எனக் கூறியுள்ளார்.

**இதையும் படிங்க: 23 வயதில் சிவில் நீதிபதியான கூலித் தொழிலாளி மகன்..!**

Trichy NIT: திருச்சி என்ஐடி மாணவர்களின் படைப்பாற்றலை வெளிக்கொண்டு வரும் வகையில் நடத்தப்படும் 'பிரக்யான் தொழில்நுட்ப விழா' நாளை முதல் 25ஆம் தேதி வரை நடைபெறுகிறது.

பிரக்யான் தொழில்நுட்ப விழா

**திருச்சி:** திருச்சி துவாக்குடியில் தேசிய தொழில்நுட்பக் கழகம்(NIT) அமைந்துள்ளது. இந்த கல்வி நிறுவனத்தில் தமிழ்நாடு மட்டுமில்லாமல் மற்ற மாநிலங்களைச் சேர்ந்த மாணவ, மாணவிகள், பொறியியல், அறிவியல் தொழில்நுட்பம் , ஆராய்ச்சிகள் என அறிவியல் சார்ந்த படிப்புகளை படித்து வருகின்றனர். தேசிய தொழில் நுட்பக் கழகத்தில் பிரக்யான் 24 என்ற தலைப்பிலான தொழில்நுட்ப விழா வரும் 22ஆம் தேதி முதல் 25ஆம் தேதி வரை நடைபெறுகிறது.

இது குறித்து திருச்சி என்.ஐ.டி. இயக்குநர் ஜி. அகிலா செய்தியாளர்களிடம் பேசுகையில், "திருச்சி என்ஐடியில் தேசிய அளவில் ஆண்டுதோறும் மாணவர்களின் படைப்பாற்றலை வெளிக்கொண்டு வரும் வகையில் நடத்தப்படும் 'பிரக்யான் தொழில்நுட்ப விழா' இந்த ஆண்டு வரும் 22ஆம் தேதி முதல் 25ஆம் தேதி வரை 4 நாட்களுக்கு நடைபெற உள்ளது.

இந்த விழாவை எல்அன்ட்டி(L&T) ஏவுகணைகள் தொழில் பிரிவின் தலைவர் லக்ஷ்மேஷ் தொடங்கி வைக்கிறார். இதில், மருத்துவத்தில் நோபல் பரிசு வென்ற ரிச்சர்ட் ராபர்ட், எப்"ஃ"பிஐ முன்னாள் ஏஜென்ட் ஸ்காட் ஆகன்ட்பவும், தொல்பொருள் ஆய்வாளர் அர்ஷ் அலி, வால்ட் டிஸ்னி நிறுவனத்தின் முன்னாள் நிர்வாக இயக்குநர் சேஷசாயி காந்தம்ராஜு உள்ளிட்ட பலர் பங்கேற்கும் பயிலரங்கம் நடைபெறுகிறது.

நிறைவு நாள் விழாவில் சிஎஸ்ஐஆர் இயக்குநர் கலைச்செல்வி பங்கேற்கவுள்ளார். பிரக்யான் தொழில்நுட்பக் கண்காட்சியில் பயோனிக் க்வாட்ரப்பிள் ரோபோட், மல்டி ஹூமனாய்டு ரோபோ ஷோ, சைகையால் கட்டுப்படுத்தப்படும் ட்ரோன், யுவி ட்ரோன், ரூமி ஹைப்ரீட் ராக்கெட்டுகள், செயற்கைகோள்களும், இஸ்ரோ மற்றும் ஆவடி படைக்கலத் தொழிற்சாலைப் பொருள்களும் காட்சிக்கு வைக்கப்படும்.

இதில், சிமோஸ் அனலாக் சர்க்யூட் டிசைன், செயற்கை நுண்ணறிவு, அப்ஸ்டாக்ஸ், லேட்டன்ட் வைபேஜ், ஆட்டோ டெஸ்க், ஹேக்கிங், சைபர் பாதுகாப்பு போன்ற பயிற்சி பட்டறைகளும், மேலாண்மை, குறியீட்டு முறை, ரோபாட்டிக்ஸ் பிரிவுகளில் போட்டிகளும் நடத்தப்படவுள்ளன.

பிரக்யான் விநாடி வினா, ஸ்டார்ட்அப் அரினா, வாட்டர் ராக்கெட்ரி, பிஸ்ட் ஆப் காட், கேப்ச்சர் தி "ஃ"பிளாக் போன்ற நிகழ்வுகளும், கலை நிகழ்ச்சிகளும் நடைபெறுகிறது. போட்டிகளில், தேசிய மற்றும் சர்வதேச அளவில் 3,000 மாணவர்கள் நேரடியாகவும், இணையதளம் வழியாக சுமார்

10,000 மாணவர்களும் பங்கேற்க உள்ளனர். பள்ளி, கல்லூரி மாணவர்கள் உள்பட அனைவருக்கும் அனுமதி இலவசம்" எனக் கூறியுள்ளார்.

இதையும் படிங்க: 23 வயதில் சிவில் நீதிபதியான கூலித் தொழிலாளி மகன்..!

**22<sup>th</sup> Feb 2024**

**Four young architects' fashion an experimental home in Thalakudi village using techniques they learned in and out of the classroom**

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Nahla Nainar Architects B Praveen, K C Akash Babu and D V Iniyar, who have been working, alongwith their friend A. Harikrishnan, on a cost-effective house project using locally available

materials and labour in Thalakudi village, Lalgudi at Tiruchi district since 2022. | Photo Credit: M Moorthy

In a bylane of Thalakudi village, Lalgudi block, four friends have been giving shape to an experimental project, literally brick by brick since 2022.

Young architects B Praveen, KC Akash Babu, A Harikrishnan and DV Iniyan have spent the better part of the past two years building a 750 sq.ft house on a 1,550 sq ft plot, appointed with features that are unusual, yet traditional.



Students try out building techniques on site at the Thalakudi house. | Photo Credit: Special Arrangement

Praveen, Akash and Harikrishnan are graduates of Architecture from National Institute of Technology – Tiruchi (NIT-T), and were inspired to experiment with cost-effective construction after studying about it in class. “Harikrishnan and I met Iniyar in Bengaluru, and when Praveen decided to take up this project in Thalakudi, we decided to quit our jobs and join him,” says Akash.

Though both Akash and Harikrishnan have moved on to other projects recently, their ‘first-born’ naturally remains their favourite, say the friends.

### Unusual features

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The red-brick house stands out from the rest in the small street bounded by fields.

Its most impressive feature is the gently curving Mexican dome in the drawing hall, that makes the ceiling resemble a well-baked loaf of bread.

“The Mexican dome is an age-old technique that has been popularised in India by Bengaluru-based architect Varun Thautam. We attended workshops at Mr. Thautam’s practice, and worked there for about a year, learning different methods before coming to Thalakudi,” says Praveen.

Since it does not contain concrete or steel, the dome is formed manually by aligning the bricks, and can cover any type of surface. In the Thalakudi project, though the dome looks curved below, on the top, it is flat, to facilitate future construction.



Mexican dome ceiling at the Thalakudi house. | Photo Credit: Special Arrangement

“The one-brick width and shape decreases the heat entering the building. We noticed this even as we built it last year in the summer months. The difference in external and internal temperature in the drawing room is significant, almost like a micro-climate,” says Praveen.

The use of concrete has been restricted to provide structural support. Due to the clayey soil here, the foundation has been given a depth of five feet and width of three feet. The plinth of the house has been raised 2.5 feet above the road.

To learn the ropes as they went along, the friends did most of the building and masonry work by themselves, once a contractor laid the traditional stone foundation. “To speed up things, we have now decided to employ a mason and two women helpers. We also help with the construction, because we get to learn from their building methods,” says Akash.

The walls have a novel twist too, as they combine brickwork with rammed earth fillers. “The two ends of the walls are made of bricks; the mid-section is composed of rammed earth. This is a technique where a semi-dry earth mixture is tamped down between wooden shutters to create a wall panel. In our case, since we have very wet soil, we stabilised our mixture with cement and lime. It is a kind of manmade sedimentary rock,” says Praveen.

### **Something old, something new**

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Rustic yet contemporary doorways at the Thalakudi house. | Photo Credit: Special Arrangement

The doors for the house have been refashioned from large wooden chests that were once used to store rice. “These chests are solid and have some decorative elements that make it easy for them to be customised into doors,” says Akash.

With a drawing hall, kitchen and bedroom downstairs, and a suite above, the house radiates warmth and quiet comfort. Though it looks rustic, it is equipped with all the other standards of a modern dwelling, such as Wi-Fi, electricity and rainwater harvesting.

The free thinkers have taken care to incorporate old and new elements to the house, at a cost of approximately ₹20 lakh so far. With the project due to end soon, the friends know that they have been lucky to have escaped the pressures of a deadline- or budget-bound assignment. Along the way, they have also held workshops for students to pass on their real-time learning.

“This project has so much life in it. It has united people and drawn new visitors just to see the place,” says Iniyan.

### **PRAGYAN, TECHNO-MANAGERIAL STUDENT FESTIVAL, UNDER WAY AT NIT-TIRUCHI**

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The 20th edition of Pragyan, the annual techno-managerial student festival of National Institute of Technology – Tiruchi (NIT-T), was launched on Thursday with much fanfare, with “Chronicle – A Saga of Time” as its theme this year.

The festival was inaugurated by B.H. Laxmesh, vice-president and head of missiles and aerospace business at Larsen and Toubro Defence.

Scheduled to be held until February 25, Pragyan will feature guest lectures in the Illuminare Series, a debate in the form of Crossfire, besides workshops and exhibitions.

NIT-T director G. Aghila spoke.

23<sup>rd</sup> Feb 2024

திருச்சி



கல்வி



வாராங்கல்லில் நடந்த அகில இந்திய என்ஐடிகளுக்கு இடையிலான தடகள போட்டியில் சாம்பியன் பட்டம் வென்ற திருச்சி என்ஐடி வீரர்கள்.

## என்ஐடி தடகளம்: திருச்சி சாம்பியன்

திருச்சி, பிப். 23-

அகில இந்திய என்ஐடிகளுக்கு இடையிலான தடகளம் மற்றும் கோகோ போட்டிகள் வாராங்கால் லில் நடந்தது.

என்ஐடிகள் சார்பில் 61 வீரர், வீராங்கனைகள் கலந்து கொண்டனர். இதில் திருச்சி என்ஐடி வீரர்கள் 9 தங்கம், 7 வெள்ளி, 2

வெண்கலத்துடன் சாம்பியன் பட்டம் வென்றனர். போட்டிகளில் வெற்றி பெற்றவர்களுக்கு அர்ஜூனா விருது வென்ற வீரர் ஆபிரகாம் கோப்பை மற்றும் விருது வழங்கினார். சாம்பியன் பட்டம் வென்ற திருச்சி என்ஐடி மாணவர்களை இயக்குனர் அகிலா உட்பட ஆசிரியர்கள் பலர் பாராட்டினர்.



Town Official Language Implementation Committee (TOLIC) Awarded NIT Trichy with **THIRD PRIZE** and **RAJBHASHA STAMBH**, **RAJBHASHA PATHAPRASARSHAK**, **RAJBHASHA KARAMAVEER** in the year 2023 within Tiruchirappalli region

22.02.2024 | Ministry of Home Affairs insists all central government offices to promote the use of official Language in their offices. National Institute of Technology Tiruchirappalli (NITT) is continuously involved with various activities in order to promote the use of official language for all offices. Tiruchirappalli region has more than 70 central government offices. Every year all these offices will be getting evaluated towards their dedication to promote the use of Official language in their respective offices. For the year 2023, NITT has been awarded with **THIRD PRIZE** under the category of offices where Rajbhasha Officials are not posted for the works carried in the year 2023 within Tiruchirappalli region. Not only third prize but for the efforts and hardwork done by NITT, Town Official Language Implementation Committee has also awarded NITT the following grounds under certain other categories which includes: **RAJBHASHA STAMBH**, **RAJBHASHA PATHAPRASARSHAK**, **RAJBHASHA KARAMAVEER** etc.

Dr. G Aghila, Director, National Institute of Technology Tiruchirappalli has been awarded with **RAJBHASHA STAMBH** for her outstanding support for promotion of the official language within NITT.

Dr. N Kumaresan, Chairperson of Official Language Implementation Committee (OLIC)-NITT has been awarded with **RAJBHASHA PATHAPRASARSHAK** for the insights shown for promotion of the official language within NITT.

Dr. Ankur Singh Rana, Convener of Official Language Implementation Committee (OLIC)-NITT has been awarded with **RAJBHASHA KARAMAVEER** for the works carried-out for promotion of the official language within NITT.

Dr. Jyoti Sahu and Dr. Krtikeya Shukla from NITT have been awarded with certificate and cash prize for their participation in Joint Hindi Competitions organized by NITT in the month of December 2023 at Town Level by Town Official Language Implementation Committee.

### **NIT-T WINS THIRD PRIZE IN EVALUATION FOR OFFICIAL LANGUAGE**

The National Institute of Technology – Tiruchi (NIT-T) has been placed third among over 70 Union government organisations in the city that are engaged in the promotion of the usage of Hindi as *Rajbhasha* (official language), in an evaluation conducted by the Town Official Language Implementation Committee for 2023, as per a directive of the Ministry of Home Affairs.

According to a statement, G. Aghila, director, National Institute of Technology – Tiruchi (NIT-T), was conferred the “Rajbhasha Stambh” recognition for the support of Hindi within the institution.



## **NIT-T gets Rajbhasha awards**

**R. VALAYAPATHY I DC**  
TIRUCHY, FEB. 23

As per the instruction of the Union home ministry, the National Institute of Technology-Tiruchirappalli (NIT-T) is involved in various activities to promote the use of Rajbhasha in its offices.

A release said for 2023, NIT-T director Dr. G Aghila has been awarded the Rajbhasha Stambh for promoting the official language. NIT-T official language implementation committee chairperson Dr. N Kumaresan has been awarded Rajbhasha Pathaprarasak and convener Dr. Ankur Singh Rana was conferred Rajbhasha Stambh and Dr. Jyoti Sahu and Dr. Krtikeya Shukla have been awarded with a certificate and cash prize for their participation in the joint Hindi competitions organised by the NIT-T by the Town Official Language Implementation Committee.

## **Tiruchi Corporation to seek opinion of NIT-T experts on Thennur, Palakkarai overbridges**

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**Despite periodic repairs, it is a bumpy ride on the two overbridges because of widening gaps and damages to the expansion joints, say regular users of the road**

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Mayor M. Anbazhagan inspecting the gap on the expansion joint on the Palakkarai overbridge in Tiruchi on Friday. | Photo Credit: Special Arrangement

The Tiruchi City Corporation plans to seek the opinion of experts from the National Institute of Technology, Tiruchi, to carry out repairs on the two overbridges at Thennur and Palakkarai in the city.

Despite periodic repairs, it is a bumpy ride on the two overbridges because of widening gaps and damages to the expansion joints. At many places, the concrete edges at the expansion joints between the decks have been eroded or broken. This has created a wide gap between the decks, endangering the safety of motorists, especially two-wheeler riders, residents complain.

Following representations from the public and a few councillors, Mayor M. Anbazhagan, along with officials, inspected the bridge on Friday. Mr. Anbazhagan told *The Hindu* that the bridges built by the Highways Department had been handed over to the Corporation. “We have planned to carry out repairs, on

the lines of the rehabilitation work taken up recently on the Cauvery bridge by the Highways Department. We will carry out the work after obtaining the recommendations of experts from the NIT-T,” Mr. Anbazhagan said.

It had been almost two decades since the overbridges at Palakkarai and Thennur were built in the city at the initiative of the former Union Minister late Rangarajan Kumaramangalam. And both the structures are in need of comprehensive maintenance, say residents.

“With the Corporation commencing work on overbridge on the Fort Station Road, all vehicles will be diverted via Thennur to reach West Boulevard Road and other places. But the bridge is in a poor shape and makes for bumpy ride. The civic body should take up urgent repairs to ensure that motorists have a smooth ride on the bridges and provide adequate lighting,” said N. Saravanan, a road safety activist.

Conceding that the damages had become hazardous for road users, K. Suresh, CPI councillor representing Ward 23, who had made a representation to the Mayor along with a few other councillors, said the problem was similar to the one that had developed on the Cauvery bridge which required major repairs. He welcomed the Mayor’s inspection and decision to seek expert opinion to carry out repairs.

**24<sup>th</sup> Feb 2024**



## Tech competitions, talks enliven Pragyan 2024 at NIT-Tiruchi

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Exciting tech competitions were the highlights for students at Pragyan 2024, the annual festival of the National Institute of Technology – Tiruchi (NIT-T) as robots and drones were put through their paces on Saturday.

The three-day festival featured workshops by tech majors Upstox, Intel, HT India Labs, Grant Thornton, and Cisco. In the lecture programmes on Saturday, Shreya Dasgupta, director, Anlaog Devices India, spoke designing chips for enhanced battery monitoring systems in electric vehicles.

On Friday, archaeologist Arsh Ali explained interesting facts about the pyramids of Egypt as part of the Illuminare series of lectures.

The festival hosted a bicycle rally to raise awareness about cancer and cancer research.

Illumination shows by The Light Crew and Skipper Crew kept the audiences enthralled.

Pragyan 2024 is scheduled to end on Sunday with a musical performance by Naresh Iyer and the Non Violinist Project.

## BIOMINING: BIOMINING PROJECT IN ARIYAMANGALAM TRICHY: RECLAIMING THE CITY'S DUMP YARD | TRICHY NEWS

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Trichy: Trichy corporation has completed a detailed project report (DPR) to initiate phase III of the biomining project to completely reclaim the city's dump yard in Ariyamangalam by scientifically removing the solid waste including those deposited below the ground level. Based on the study report submitted by an expert committee from National Institute of Technology (NIT) Trichy, the third and final phase of the land reclamation is estimated to cost Rs44.5 crore. Phase I and II of biomining have so far retrieved 38 acres of the dump yard which sprawls for 47.7 acres. Meanwhile, the study by NIT Trichy has inferred that Ariyamangalam dump yard contains about 7.7 lakh cubic metres of waste, a majority of it below the surface level. About 6.1 lakh metric tonnes of waste is expected to be removed in the final phase. As the dump yard has been exploited to deposit waste for over five decades now, officials said that its subsurface has been contaminated too. Waste has been deposited even six feet below the ground level. "The final phase of biomining would predominantly focus on removing the waste below the surface. After consulting the elected council, we may go for mass plantation of native tree saplings in the retrieved space to revive the polluted soil," a senior official said.

## RECLAIMING TRICHY'S DUMP YARD

 <p><b>Location  </b> Ariyamangalam, Trichy-Thanjavur NH</p>	 <p><small>Pic: R Baskar</small></p>	<p><b>WASTE QUANTITY HANDLED AND PROPOSED TO BE HANDLED</b></p> <p><b>Phase I  </b> 7.6 lakh cubic metres</p> <p><b>Phase II  </b> 3 lakh cubic metres</p> <p><b>Phase III  </b> 7.7 lakh cubic metres</p>	
		<p><b>Phase III (final phase)</b></p> <p>Estimated cost <b>₹44.5 crore</b></p> <p>Area <b>6 feet below ground</b></p> <p>Duration <b>1 year</b></p>	<p><b>Future Plans</b></p> <ul style="list-style-type: none"> <li>&gt; Reserving 15 acres for waste management infrastructure</li> <li>&gt; Bio-CNG plant to process degradable waste</li> <li>&gt; Material recovery facility for recycling other waste</li> <li>&gt; Mass tree plantation drive to revive contaminated soil</li> </ul>

**CONTAMINATED:** Reclaimed space of Ariyamangalam dump yard in Trichy city



As the dump yard has been accommodating the city's municipal solid waste since the 1970s or before, officials said that the reclaimed land cannot be put to use immediately. Locals are demanding constructive projects such as commercial office space in the retrieved space. Even after completing the final phase, the civic body may reserve around 15 acres of the total 47.7 acres of reclaimed land to develop sustainable waste management facilities for processing daily waste.

“Bio-CNG(compressed natural gas) plant and material recovery facility will be constructed at Ariyamangalam yard to handle and recycle the city's waste. The rest of the retrieved space will be utilised to plant tree saplings for reviving the contaminated soil,” the official added. The CNG gas proposed to be produced by the plant in Ariyamangalam may be used for powering green vehicles. Trichy corporation plans to obtain funds from Swachh Bharat Mission (SBM) to implement the final phase of biomining which is likely to go on for a year.

### Kodungaiyur dumpyard to be biomined

Greater Chennai Corporation has awarded tenders worth 640 crore to three firms to biomine the 50-year-old dumpyard in Kodungaiyur, North Chennai. Chief Minister M K Stalin is to flag off the project. The project is being carried out under Swachh Bharat Mission 2.0.

### Waste collection hit as villagers halt dumping

Garbage crisis in Bengaluru worsens in south. Bellahalli landfill affected due to protests. Discussions underway with BSWML to resolve the issue. Byappanahalli landfill being considered as an alternative. Govt should speed up acquiring lands for permanent landfills.

### Waste-dumping: Mayor orders ghat vigil

Kolkata Mayor Firhad Hakim has instructed KMC to prevent waste dumping in major Hooghly ghats. Activist Subhas Datta reported plastic pollution. KMC will conduct surveys and implement a waste management plan to prevent river pollution in the ghats.

admashri Mylswamy Annadurai inaugurated Samavesha'24 on the occasion of National Science Day 28.02.2024:Samavesha 2024: Uniting Minds, Igniting Innovations in Science

Trichy, India – February 28, 2024 – NIT Trichy and I-STEM Bangalore proudly announce the successful joint organization of Samavesha 2024, an initiative aimed at promoting indigenous technologies for a developed India on National Science Day 2024. The event, held under the theme of "Uniting Minds, Igniting Innovations," witnessed a remarkable inauguration by Padmashri Mylswamy Annadurai, Distinguished Space Scientist, alongside esteemed dignitaries including Dr. Harilal Bhaskar, COO of I-STEM, and Dr. Umashathy, Chairperson of the Sophisticated Instrumentation Facility (SIF).

During his inaugural address, Padmashri Mylswamy Annadurai emphasized India's cost-effective contributions to the space sector compared to other developed countries. He articulated the nation's next ambitious mission of establishing a lunar lab, heralding a significant leap in space research. Dr. Annadurai also commended NIT Trichy for its invaluable contributions to the lunar mission, particularly through its Lunar Soil work, underscoring the importance of nurturing young scientific minds to advance technological frontiers.

In a compelling keynote address, the chief guest highlighted the transformative potential of collaborative research in sectors spanning healthcare, agriculture, and space research. Prof. Sudhir K Sinha, Founder of Lab2Market and a retired professor from IISc, shared his experiences in leveraging technology to address challenges in the railway sector, showcasing the power of translating research into tangible solutions.

Shri P V Kannan, alongside Dr. Srimathy Kesan, Dr. Balaji R, Dr. Sudhir K Sinha, and Dr. K. Muthukumar, led a spirited discussion, touching upon key aspects of research commercialization, intellectual property rights, market viability, and sustainable profitability. Their collective wisdom resonated with the audience, inspiring them to explore new horizons and embrace innovation-driven endeavors.

Samavesha 2024 attracted participation from over 200 faculty members and scholars representing various institutions. Throughout the day, participants were treated to thought-provoking dialogues and deep dives into the intricacies of transforming academic research into tangible outcomes. Attendees displayed a keen interest in exploring avenues for research facilitation, networking opportunities, and understanding the pathway from publications to patents to products and eventually profits.

Dr. Annadurai's visionary insights, coupled with the expertise shared by distinguished speakers, have set a dynamic tone for Samavesha 2024, reinforcing the commitment towards fostering indigenous innovation and propelling India's technological prowess to greater heights.

27<sup>th</sup> Feb 2024



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**28<sup>th</sup> Feb 2024**

## **NIT-T, I-STEM launch initiative to promote indigenous tech**

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The National Institute of Technology – Tiruchi (NIT-T) and I-STEM Bengaluru jointly launched ‘Samavesha 2024’ on Wednesday, as an initiative to promote indigenous technologies, to celebrate National Science Day.

According to a release, the programme was inaugurated by noted scientist Mylswamy Annadurai, in the presence of Harilal Bhaskar, chief operating officer, I-STEM, and M. Umopathy, chairperson, Sophisticated Instrumentation Facility (SIF).

In his address, Mr. Annadurai spoke on India’s cost-effective contributions to the space sector in comparison with other countries, and highlighted the transformative potential of collaborative research in sectors spanning healthcare, agriculture, and space research.

Sudhir K Sinha, founder, Lab2Market, shared his experiences in leveraging technology to address challenges in the railway sector. A panel discussion on aspects of research commercialisation and intellectual property rights, among other issues, was also part of the programme.

‘Samavesha 2024’ attracted participation from over 200 faculty members and scholars representing various institutions.

## குலசேகரன்பட்டினத்தை உலகமே திரும்பிப் பார்க்கும்

திருச்சி, பிப். 28: உலகளவில் திரும்பிப் பார்க்கக் கூடிய இடமாக குலசேகரன்பட்டினம் இருக்கும் என இஸ்ரோ முன்னாள் இயக்குநர் மயில்சாமி அண்ணாதுரை தெரிவித்தார்.



மயில்சாமி  
அண்ணாதுரை.

திருச்சி தேசிய தொழில்நுட்பக் கழகத்தில் (என்ஐடி) தேசிய அறிவியல் தினத்தை முன்னிட்டு புதன்கிழமை நடந்த சமவேஷா 24 என்ற தலைப்பிலான தொழில்நுட்பக் கருத்தரங்கைத் தொடங்கி வைத்த அவர் மேலும் கூறியது:

அறிவியல் தொழில்நுட்பம், விண்வெளி அறிவியலில் இந்தியா வேகமாக வளர்ந்து வருகிறது. விண்வெளி அறிவியல் தொழில்நுட்பத்தில் வளர்ச்சியை அடிகப்படுத்தும் விதமாக,

ஸ்ரீஹரிசோட்டாவைத் தாண்டி விண்வெளிக்கு செயற்கைக்கோள்கள் அனுப்பச் சிறந்த இடமாக குலசேகரன்பட்டினம் தேர்வு செய்யப்பட்டு, அங்கு ராக்கெட் ஏவுதளத்துக்கு அடிக்கல் நாட்டப்பட்டுள்ளது. இதன் மூலம், உலகளவில் திரும்பிப் பார்க்கக் கூடிய இடமாக குலசேகரன்பட்டினம் இருக்கும். இங்கிருந்து குறைவான செலவில், குறைவான எரிபொருள் மூலமாக விண்வெளிக்கு செயற்கைக்கோள்களை அனுப்ப முடியும்.

மாணவர்கள் கவனமுடன் படித்து தேர்வெழுத வேண்டும். தெரிந்த வினாக்களுக்கு சிறப்பான விடை எழுதினால் நல்ல மதிப்பெண்கிடைக்கும். விவசாயம் முதல் விண்வெளி வரையுள்ள துறை சார்ந்த படிப்புகள் ஏராளமாக உள்ளன. சரியான துறையை தேர்ந்தெடுத்து மாணவர்கள் படிக்க வேண்டும் என்றார் மயில்சாமி அண்ணாதுரை.



திருச்சி என்ஐடியில் நடந்த கருத்தரங்கில் இஸ்ரோ முன்னாள் விஞ்ஞானி மயில்சாமி அண்ணாதுரை பேசினார்.

## என்ஐடியில் கருத்தரங்கம்

திருச்சி, பிப். 29-

திருச்சி என்ஐடியில் வளரும் இந்தியாவுக்கான உள்நாட்டு தொழில் நுட்ப உணக்குவிப்பு எனும் ஒரு நான் கருத்தரங்கம் நடந்தது.

என்ஐடி பேராசிரியர் உமாபதி தலைமை வகித்தார். இஸ்ரோ முன்னாள் விஞ்ஞானி மயில்சாமி அண்ணாதுரை கருத்தரங்கை தொடங்கி வைத்து பேசுகையில், "விவசாயம், மனித ஆரோக்கியம்

ஆகியவற்றுக்கு முக்கியத்துவம் தந்து ஆராய்ச்சிகள் மேற்கொள்ளப்படுகிறது. நிலவில் இருந்து கொண்டு வரப்பட்ட மண் குறித்து ஆராய்ச்சி மேற்கொள்வதில் என்ஐடியின் பங்கு மகத்தானது" என்றார். இஸ்டெம் முதன்மை அலுவலர் ஹரிலால் பாஸ்கர், லேப்டி 2 மார்க்கெட் முன்னாள் பேராசிரியர் கதிர்சின்கா, உட்பட பலர் கலந்து கொண்டனர்.

தினத்தந்தி

## உலகமே திரும்பிப் பார்க்கக் கூடிய இடமாக குலசேகரன்பட்டினம் உருவாகும் இஸ்ரோ விஞ்ஞானி மயில்சாமி அண்ணாதுரை பேட்டி

திருச்சி, பிப்.29- உலகமே திரும்பிப் பார்க்கக் கூடிய இடமாக குலசேகரன்பட்டினம் உருவாகும் என்று இஸ்ரோ விஞ்ஞானி மயில்சாமி அண்ணாதுரை கூறினார்.

### தொழில்நுட்பம் ஆராய்ச்சி

திருச்சி தேசிய தொழில்நுட்பக்கழகத்தில் நேற்று தேசிய அறிவியல் தினத்தை முன்னிட்டு 'சமவேஷா 2024'- அறிவியல் புதுமையான கண்டுபிடிப்புகளை கண்டுபிடிக்க துண்டல், கண்டுபிடிப்பாளர் களை ஒருங்கிணைத்தல் என்றும் தலைப்பில் கருத்தரங்கம் நடைபெற்று கருத்தரங்கிற்கு தேசிய தொழில்நுட்பக்கழக இயக்குனர் அகிலா தலைமை தாங்கினார்.

இதில் இஸ்ரோவின் முன்னாள் இயக்குனர் விஞ்ஞானி மயில்சாமி அண்ணாதுரை சிறப்பு விருந்தினராக கலந்து கொண்டார். இதில் சூ-ஓட்டெம் நிறுவனத்தின் தலைமை செயல் அதிகாரி ஹரிவால் பாஸ்கர் மற்றும் பல்வேறு கல்வி நிறுவனங்களில் இருந்து 200-க்கும் மேற்பட்ட பேராசிரியர்கள் மற்றும் ஆராய்ச்சி மாணவர்கள் கலந்து கொண்டனர். முடிவில் சமவேஷா 2024 ஒருங்கிணைப்பாளர் ரூபாலா நன்றி கூறினார்.

### அறிவியல் தொழில்நுட்பம்

இதைத்தொடர்ந்து விஞ்ஞானி மயில்சாமி அண்ணாதுரை நிருபர்களிடம் கூறிய

தாவது- விண்வெளி அறிவியல் தொழில்நுட்பத்தை பொறுத்தவரை இந்தியா நன்கு வளர்ச்சி அடைந்துள்ளது. விண்வெளி அறிவியல் தொழில்நுட்பம்

ஆராய்ச்சி மூலம்பல செயற்கைக்கோள் களை அனுப்பி வைத்துள்ளது. குறிப்பாக நிலவில் நீர் இருப்பதை இந்தியா தான் கண்டுபிடித்துள்ளது.

அதுதான் மற்ற நாடுகள் நிலவில் ஆராய்ச்சி செய்வதற்கு ஒரு ஆர்வத்தை ஏற்படுத்தியது. அதே போல ஸ்ரீஹரி கோட்டாவில் இருந்து விண்வெளிக்கு செயற்கைக்கோள்கள் அனுப்புவது மட்டும் இல்லை அதையும் தாண்டி ஒரு சிறப்பான இடமாக குலசேகரன்பட்டினம் தேர்வு செய்யப்பட்டது.

### குலசேகரன்பட்டினம்

உலகமே திரும்பிப் பார்க்கக் கூடிய ஒரு இடமாக குலசேகரன்பட்டினம் உருவாகும். இங்கிருந்து குறைவான செலவில், குறைவான எரிபொருள் மூலமாக விண்வெளிக்கு செயற்கைக்கோள்கள் அனுப்ப முடியும். ஒரு காலத்தில் உழைப்பாக இருந்த பயிற்சி தற்போது உடற்பயிற்சியாக மாறி உள்ளது. அதே போல் எதிர்காலத்தில் மூளையை உபயோகிக்காமல் எப்படி வேலை செய்யலாம் என வரும் போது அந்த மூளை பயிற்சிக்கான பயிற்சி எடுக்க வேண்டிய அவசியம் வரும்.

இவ்வாறு அவர் கூறினார்.



திருச்சி என்.ஐ.டி.யில் தேசிய அறிவியல் தினத்தை முன்னிட்டு நடைபெற்ற கருத்தரங்கை இஸ்ரோ முன்னாள் இயக்குனர் மயில்சாமி அண்ணாதுரை தொடங்கி வைத்தார்.

திருச்சி, என்.ஐ.டி.யில் தேசிய அறிவியல் தினத்தை முன்னிட்டு நடந்த கருத்தரங்கை, இஸ்ரோ முன்னாள் இயக்குனர் மயில்சாமி அண்ணாதுரை துவக்கி வைத்தார்.

அப்போது அவர் கூறியதாவது:நிலவில் நீர் இருப்பதை நாம் தான் கண்டுபிடித்துள்ளோம். அது தான், மற்ற நாடுகள், நிலவில் ஆராய்ச்சி செய்ய ஆர்வத்தை ஏற்படுத்தியது. விண்வெளியில் அடுத்த கட்ட புரட்சிகளுக்கான செயற்கைக்கோள்கள் அனுப்பப்பட்டு வருகின்றன.

குலசேகரப்பட்டினத்தில் இருந்து குறைவான செலவில், குறைவான எரிபொருள் செலவில் செயற்கைக்கோள்கள் அனுப்ப முடியும்.



குலசேகரப்பட்டினம் சுற்றியுள்ள பகுதியில், 3,000 ஏக்கரில் ஏவுகலன்கள், எரிபொருள், உதிரி பாகங்கள் தயாரிப்பு, சிறிய செயற்கைக்கோள்கள் தயாரிப்புக்கான கட்டுமானங்கள் நடைபெற்று வருகின்றன. மூன்றாண்டுகளில், மிகக் குறைந்த செலவில், விண்வெளிக்கு செயற்கைக்கோள்கள் அனுப்புவதற்கான சிறந்த இடமாக குலசேகரப்பட்டினம் அமையும். அதன் அடையாளமாக, தேசிய அறிவியல் தினத்தில், குலசேகரப்பட்டினத்தில் இருந்து ஒரு ராக்கெட் ஏவப்படுகிறது. நாட்டின் தென்கோடியை உலகமே திரும்பி பார்க்கக் கூடிய இடமாக குலசேகரப்பட்டினம் உருவாகும்.



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