



**June - 20**

## **TNPSC BITS**

- ❖ The TN forest department Thermal imaging drones were deployed at the Gudalur forest division of Nilgiris to monitor elephants
- ❖ The DRDO and the IIT Delhi has demonstrated the free-space quantum secure communication using quantum entanglement over a distance of more than one km via an optical link.
- ❖ Lucknow has been nominated for UNESCO's Creative City of Gastronomy title.
- ❖ India's heavy largest automobile Gati Shakti Multi-Modal Cargo Terminal was inaugurated at Maruti Suzuki's facility in Haryana's Manesar.
- ❖ The Defence Cyber Agency has conducted Cyber Suraksha, a very comprehensive cyber security exercise recently.
- ❖ The Kerala State Commission for Protection of Child Rights (KeSCPCR) launched Radio Nellikka, an exclusive internet radio station for children.
- ❖ Russia's Rosatom has been selected as the leader of an international consortium to build Kazakhstan's first planned nuclear power plant.
- ❖ Brazil has announced that Vietnam has officially joined BRICS as a 10th partner country.
- ❖ Tamil Nadu government announced that, the paddy procurement price would be ₹2,500 a quintal of ordinary variety and ₹2,545 for fine variety.
  - Currently Bihar is providing ₹3,500 for a quintal of paddy.

## **TAMIL NADU NEWS**

### **G.M. Akbar Ali panel**

- ❖ The State government has constituted a panel, headed by the Justice (retd.) G.M. Akbar Ali.
- ❖ It will examine the impact of the Supreme Court's verdict on its recruitment process and propose legal options to overcome issues arising out of the ruling.
- ❖ Traditionally, the State government had been preparing rank lists for government appointments, following a 200-point roster system.
- ❖ As part of the system, reservations were provided to candidates belonging to BC, BCM, MBC and DNC, SC, and ST.
- ❖ The system determined seniority and merit within the categories, giving regard for equitable treatment in promotion for all government employees.

- ❖ However, the practice was sought to be scrapped through the Supreme Court's direction on April 18, 2023.
- ❖ The State government had been asked by the Court to revise the seniority of the candidates directly recruited through the TNPSC after March 10, 2003 on the basis of merit, as determined by the TNPSC in the selection process itself and not on the basis of roster point.
- ❖ In July and November 2023, the office of Commissioner of Treasuries and the Accounts, issued orders revising the entry level seniority as per merit list sent by the TNPSC in respect of Accounts Officers who were directly recruited in the Tamil Nadu State Treasuries and Accounts Services (2007-2008).



### **Outstanding loan of in microfinance 2025**

- ❖ Tamil Nadu has the highest average outstanding loan amount per account in the micro finance sector.
- ❖ Among the top 10 states, Tamil Nadu has the highest average loan outstanding per account of ₹31,131 followed by West Bengal at ₹30,488.
- ❖ Bihar continues to be the largest state in terms of portfolio outstanding followed by Tamil Nadu and Uttar Pradesh in the microfinance sector.
- ❖ Tamil Nadu is one of the oldest states with microfinance presence.
- ❖ The loan size and loan outstanding in the past was generally a factor of the client vintage and their repayment performance and with every new cycle a borrower would get a higher loan amount.
- ❖ So naturally, the client vintage in Tamil Nadu is higher than other states and which explains the higher average loan outstanding.
- ❖ Tamil Nadu's Gross State Domestic Product (GSDP) for the financial year 2024-25 is estimated at ₹17.23 lakh crore.



- ❖ Per Capita Income of Tamil Nadu in 2022-23 was ₹2.78 lakh.
- ❖ It is 1.6 times the national average of ₹1.69 lakh and was ranked as the fourth-largest state in terms of per capita income.
- ❖ This also shows a higher loan absorption capacity of microfinance borrowers in the state, which reflects in the high average loan outstanding per account.
- ❖ Still then it is only marginally higher than the All-India average loan outstanding of ₹28,285.
- ❖ Among the top 10 states with the highest outstanding loans, four—Bihar, Tamil Nadu, West Bengal and Karnataka have above average outstanding loan amount.
- ❖ This is largely driven by a consistent trend of higher disbursements in larger loan sizes in recent months.
- ❖ Additionally, the growing credit maturity of the Microfinance Institution (MFI) borrowers in Tamil Nadu has further contributed to this trend.
- ❖ The Gross Loan Portfolio (GLP) of the microfinance industry in Tamil Nadu stood at ₹46,689 Crore as on March 31, 2025.

<b>Microfinance Lending in Tamil Nadu: Key Statistics</b>	
<b>Parameter</b>	<b>Value</b>
<b>Gross Loan Portfolio (Dec 2024)</b>	<b>₹53,300 crore</b>
<b>Share of National MFI Portfolio</b>	<b>13.70%</b>
<b>Average Loan per Borrower</b>	<b>₹ 26,600</b>
<b>NBFC-MFI Market Share (National)</b>	<b>37.30%</b>
<b>Small Finance Bank Market Share</b>	<b>16.60%</b>
<b>MFI Loans Overdue &gt;90 Days (Dec. 2024)</b>	<b>6.10%</b>

## NATIONAL NEWS

### **Dharti Aaba Janbhagidari Abhiyan 2025**

- ❖ The Government of India has launched the Dharti Aaba Janbhagidari Abhiyan.
- ❖ This campaign is being rolled out across 549 tribal-dominated districts and 207 Particularly Vulnerable Tribal Groups (PVTG)-dominated districts covering about 100,000+ Villages & Habitations.

- ❖ This Largest-Ever Tribal Empowerment Campaign was initiated under Janjatiya Gaurav Varsh.
- ❖ It will provide access to critical entitlements and government services, including, Adhaar Card Enrolments and Updates, Ayushman Bharat Health Card Issuance, Opening of Jan Dhan Bank Accounts and etc.



### 1st Assembly of IBCA



- ❖ The first Assembly of the International Big Cat Alliance (IBCA) was held in New Delhi.
- ❖ Prime Minister of India announced the IBCA in 2023 in Mysuru, commemorating the 50th anniversary of Project Tiger.
- ❖ The Indian government has also established the IBCA through the National Tiger Conservation Authority in March 2024.

- ❖ IBCA is a coalition of 95 range countries with a mandate for the conservation of seven big cats
- ❖ The seven big cats are Tiger, Lion, Leopard, Snow Leopard, Cheetah, Jaguar and Puma.

### **Samarth Program for Telecom Startups**



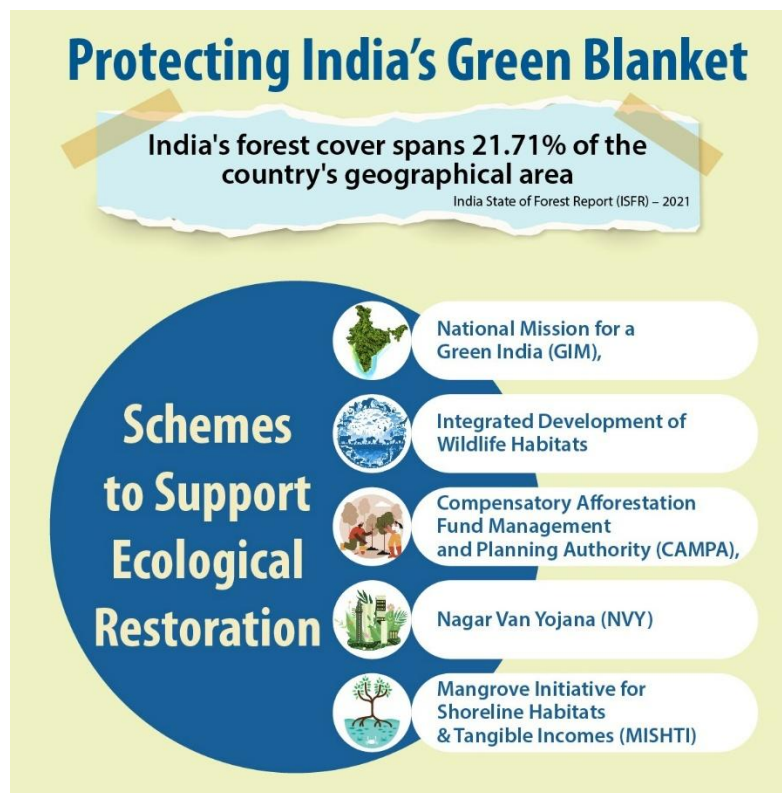
- ❖ The Centre for Development of Telematics (C-DOT) launched 'Samarth' Program.
- ❖ It is a cutting-edge Incubation Program for startups in Telecom & ICT Sector.
- ❖ In the first phase 18 startups have been selected in cohort 1 through a highly competitive process.
- ❖ These startups are provided the financial grant, fully furnished office space and access to C-DOT's lab facilities at Delhi and Bengaluru campuses.
- ❖ "Samarth" Incubation Program offers holistic support to startups and innovators working in telecom applications, cybersecurity, 5G/6G technologies, AI, IoT, and quantum technologies.

### **Revised Mission Document - Green India Mission**

- ❖ The Ministry of Environment, Forest and Climate Change has released the revised document for 2021-2030 period.
- ❖ The revised mission document also projected, India could achieve a carbon sink of 3.39 billion tonnes, from the combination of all restoration activities.



- ❖ This will require an increase in the forest and tree cover over an estimated 24.7 million hectares.
- ❖ The National Mission for Green India aims to create an additional carbon sink of 2.5 to 3 billion tonnes of carbon dioxide equivalent through additional forest and tree cover.
- ❖ The mission's interventions were started in the year 2015-16.
- ❖ About 11.22 million hectares of the area could be included under plantations till 2020-21, as per the revised document.
- ❖ The ministry will focus on restoration of vulnerable landscapes like Aravalli's and Western Ghats Mountain ranges, along with mangroves and Indian Himalayan region.



## INTERNATIONAL NEWS

### 113th International Labour Conference

- ❖ This Conference has also adopted the first international labour standards aimed at protecting workers from biological hazards.
- ❖ This is the 1st international instrument specifically addressing biological hazards in the working environment.

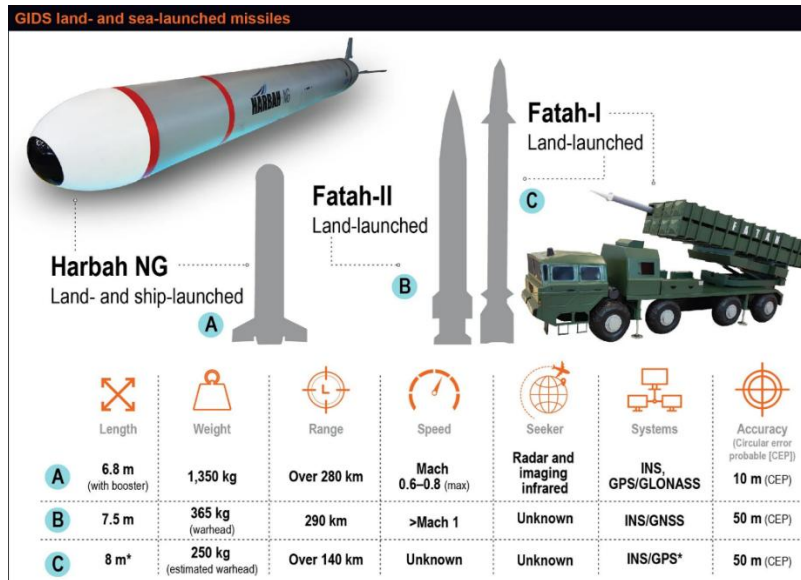
- ❖ The Convention (C 192) calls on Member States to formulate national policies and adopt measures on occupational safety and health.
- ❖ It also called to include the prevention and protection against biological hazards, and the development of preparedness and response measures to deal with the accidents and emergencies.
- ❖ Seven amendments to the Maritime Labour Convention, 2006, were approved during the event.
- ❖ Palestine participated as a non-member observer State at the Conference.



### **Barak Magen vs Fattah I missile**

- ❖ Israel activated its new aerial defence system, 'Barak Magen' or 'Lightning Shield,' for the first time after Iran's Fattah-1 missile attack.
- ❖ It is a special version of the Barak MX missile defence system.
- ❖ It is built to protect the navy ships from various aerial threats like drones, cruise missiles, and ballistic missiles.
- ❖ The system is deployed on advanced Israeli Navy ships called Sa'ar 6 corvettes.
- ❖ Fattah-1 is a medium-range hypersonic ballistic missile.
- ❖ It has been specifically engineered to evade defense systems such as Israel's Iron Dome and Arrow

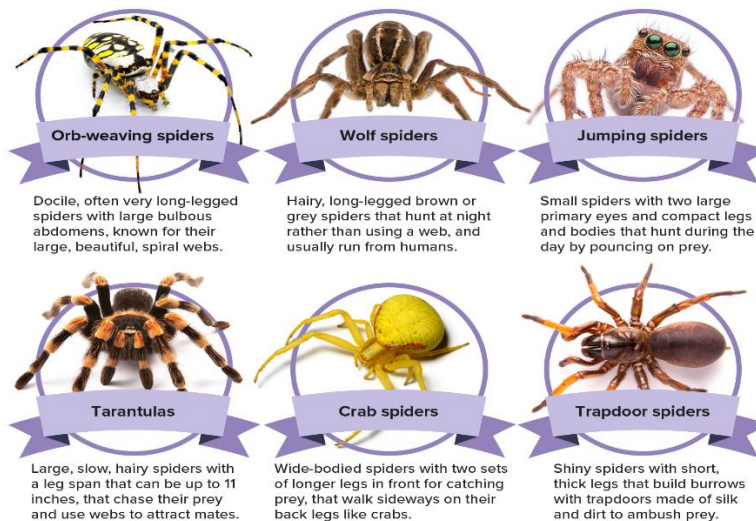
- ❖ The missile is capable of reaching the speeds between Mach 13 and 15—around 15,000 km/h.
- ❖ It has a range of approximately 1,400 kilometres (about 870 miles).



## ENVIRONMENT NEWS

### Spartaeus and Sonoita

#### Identifying common spider families



- ❖ Researchers have identified a new species of jumping spiders of the *Spartaeinae* subfamily in southern India.
- ❖ They are known for their intelligent hunting skills and web-invasion tactics.



- ❖ This discovery possibly marks the first time that the genera previously known only from Southeast Asia and Africa, have been found in India.
- ❖ These spiders, part of the Salticidae family, are known for their keen eyesight and unique hunting methods, often deceiving other spiders by mimicking prey.
- ❖ In addition, *Sonoita cf. lightfooti*, a species previously thought to be confined to Africa, was also identified in Karnataka.
- ❖ More specimens were also discovered in Tamil Nadu's Villupuram district.
- ❖ The study also resolved a longstanding taxonomic confusion.
- ❖ The species *Marpissa gangasagarensis* was described in 2005 from Gangasagar, West Bengal.
- ❖ It was confirmed to be the same as *Phaeacius fimbriatus*, a species first described in 1900, following careful examination of historical museum specimen.
- ❖ With these findings, India's spider fauna under the *Spartaeinae* subfamily has also grown to 15 species across 10 genera.

## STATES' NEWS

### India's First Mobile-Based e-Voting System – Bihar



- ❖ The Bihar State Election Commission has decided to roll out an e-voting system using an Android-based mobile.

- ❖ Bihar will be the country's first state to adopt this revolutionary change in the voting process.
- ❖ The entire e-voting process will be executed through two mobile apps, namely "e-Voting SECBHR".
- ❖ One app was developed by the Centre for Development of Advanced Computing (C-DAC) and another was by the Bihar State Election Commission.
- ❖ Migrant labourers, migrant voters, divyang voters, pregnant female voters, elderly and senior citizens, and seriously ill electorates will be able to cast their votes using the e-voting process.
- ❖ The e-voting system will also have features like a blockchain platform, liveness detection, face match, live face scan, and face comparison, making the voting tamper-proof.
- ❖ Like EVMs feature of VVPAT, an audit trail has also been put in place in the e-voting process.
- ❖ As per information available on e- e-voting process, only the European country Estonia has rolled out this option.

### **Jal Ganga Sanvardhan Abhiyan Initiative - Madhya Pradesh**

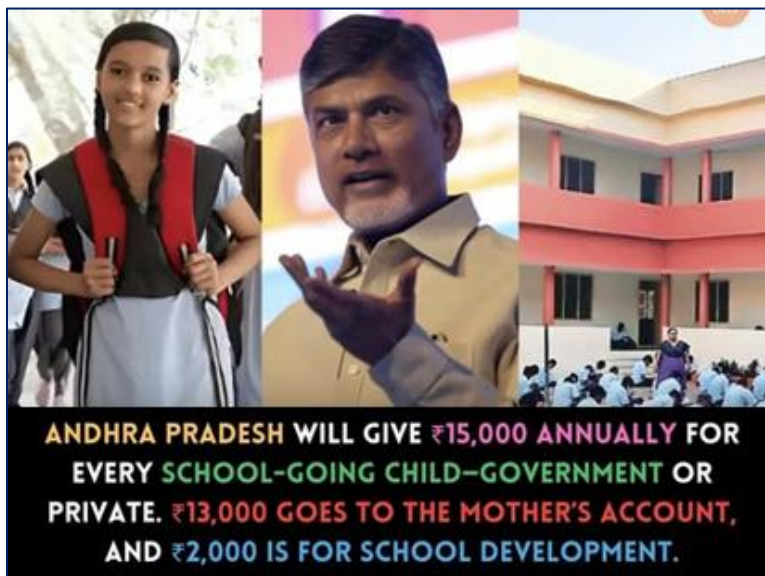


- ❖ Jal Ganga Samvardhan Abhiyan, a campaign was launched on the banks of the Kshipra River on March 30, 2025.
- ❖ It aims to protect and restore the state's water structures (rivers, ponds, wells, stepwells, and so on).

- ❖ Uncontrolled groundwater extraction had dried up this and other small rivers, affecting agriculture.
- ❖ Through water conservation structures built using the 'Ridge to Valley' principle, water has been harvested over a 33km stretch.
- ❖ As a result, the river is once again flowing now.

### **Talliki Vandanam - Andhra Pradesh**

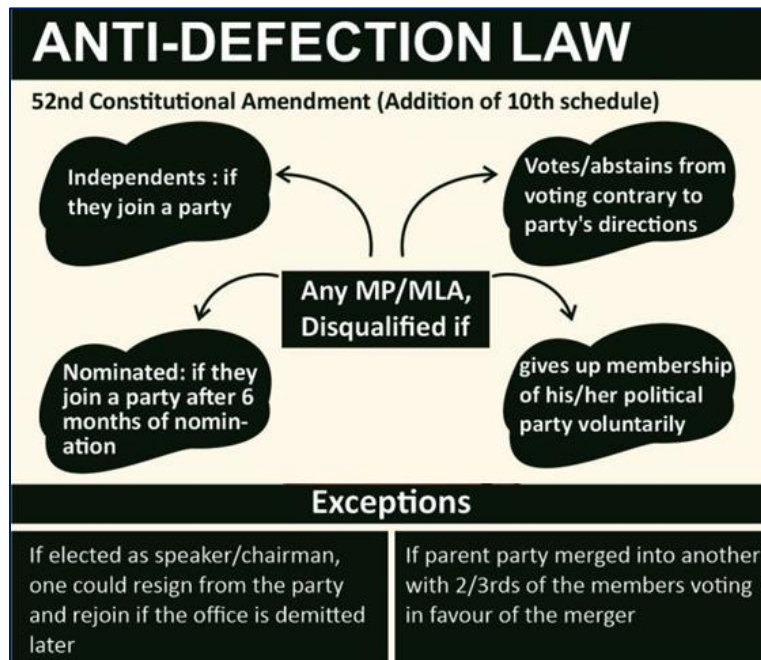
- ❖ The Andhra Pradesh government, has started a new welfare scheme called 'Talliki Vandanam'.
- ❖ Under this scheme, every student's mother or guardian will get Rs 15,000 every year.
- ❖ Every student studying in Classes 1 to 12 will be covered under this scheme.
- ❖ The government is calling this the "mother of all welfare schemes".



### **Utkal Keshari Parida case – 2013**

- ❖ The Speaker M. Appavu can entertain a petition by an elector of Bodinayakanur against former Chief Minister and MLA of the constituency O. Panneerselvam.
- ❖ It was also by the Supreme Court's verdict in the Speaker of Orissa Legislative Assembly vs Utkal Keshari Parida, 2013 case.
- ❖ However, this position is not in conformity with the 1986 Rules of the Tamil Nadu Assembly regarding disqualifications.
- ❖ It explicitly states that only an MLA can submit any such petition.

- ❖ Even in the Odisha case, the locus standi of a non-member of the House in submitting a petition for disqualification of four legislators was raised.
- ❖ But the Supreme Court held that not only a Member of the House, but any person interested would also be entitled to bring to the notice of the Speaker the fact.
- ❖ It may be that a Member of the House had incurred disqualification under the Tenth Schedule to the Constitution of India.
- ❖ As regards the Tamil Nadu Assembly, Rule 6 — References to be by the petitions — deals with the matter of who can give the petition.
- ❖ Sub-rule (2) says: “A petition in relation to a member may be made in writing to the Speaker by any other member.”
- ❖ Here, the term, “member,” as per Rule (2) titled Definitions, means “a member of the Tamil Nadu Legislative Assembly.”
- ❖ The last time the disqualification of legislators was carried out was in September 2017.
- ❖ Then the then Assembly Speaker P. Dhanapal took action against 18 MLAs of the AIADMK on the grounds that they had “voluntarily given up” their membership of the party.



### **Dhanya M Vs State of Kerala & Others**

- ❖ The Supreme Court has held that the extraordinary measure of the preventive detention must not be used as a substitute for criminal prosecution or to bypass orders of bail.





- ❖ The judgment by SC underscored the difference between 'public order' and 'law and order', citing SK. Nazneen v. State of Telangana (2023) and Nenavath Bujji Vs State of Telangana (2024).
- ❖ The SC set aside the preventive detention under the Kerala Anti-Social Activities (Prevention) Act, 2007.
- ❖ Other Key Supreme Court Judgments are
  - Rekha v. State of Tamil Nadu (2011),
  - Vijay Narayan Singh v State of Bihar (1984),
  - Icchu Devi v Union of India (1980) and
  - A.K. Gopalan v. State of Madras (1950)
- ❖ Preventive detention is recognised in the Constitution under Article 22(3)(b).
- ❖ The power of preventive detention is an exception to Article 21 and, therefore, must be applied as such, as an exception to the main rule and only in rare cases.
- ❖ The provision for preventive detention is an extraordinary power in the hands of the State that must be used sparingly.
- ❖ It curtails the liberty of an individual in anticipation of the commission of further offence(s), and therefore, must not be used in the ordinary course of nature.
- ❖ When a person is enlarged on bail by a competent criminal court, a great caution should be exercised in scrutinising the validity of an order of preventive detention which is based on the very same charge which is to be tried by the criminal court.

SUPREME COURT RAISES A SERIOUS ISSUE	DETENTION ORDERS MUST BE UNDERSTOOD	INDEPENDENT JUDICIAL SCRUTINY REQUIRED	LIBERTY IS A CORE DEMOCRATIC VALUE
<ul style="list-style-type: none"> <li>The SC criticized authorities for misusing preventive detention to keep individuals in jail even after securing bail.</li> <li>It emphasized that preventive detention is an extraordinary safeguard, not a tool to extend incarceration arbitrarily.</li> </ul>	<p>The Court said the detention order must be given in a language the person understands.</p> <p>✗ Just reading it out or explaining it is not enough.</p>	<ul style="list-style-type: none"> <li>The Court faulted the Home Dept. for simply rubber-stamping police recommendations.</li> <li>It stated that the detaining authority must actively apply independent judgment, review evidence, and provide individualized reasoning</li> </ul>	<ul style="list-style-type: none"> <li>The judgment reaffirmed: personal liberty can't be compromised for administrative convenience.</li> <li>The detention orders were quashed, and the accused were ordered to be released unless held for separate cases.</li> </ul>

## PERSONALITIES, AWARDS, AND EVENTS

### ISRO Scientist Nellai Su. Muthu

- ❖ Nellai Su.Muthu, a former scientist of the Indian Space Research Organisation (ISRO), passed away.



- ❖ He worked as a senior scientist at the ISRO's Satish Dhawan Space Centre in Sriharikota.
- ❖ He is the recipient of the Kavi mamani Award presented by the World Tamil Poets Association of Malaysia.
- ❖ He has authored more than 70 books on topics varying from science, children's literature, poetry, history, translation.
- ❖ Four of his books were honoured with the Tamil Development Department of the Government of Tamil Nadu's Best Book Award and the Best Author Award.
- ❖ His book 'Vinveli 2057' (SKY 2057) won the best book award in the Mathematics, Astronomy, Physics and Chemistry categories for the year 2000.
- ❖ Another book, titled 'Arivuttum Vigyaana Vilaiyaatu' (Science Tricks That Provide Knowledge), clinched the best book award in the Children's Literature category for the year 2004.
- ❖ The book, titled 'Einsteinum Andaveliyum' (Einstein and Space), won the best book award in the Biography and Personal History categories for the year 2005.
- ❖ He worked with the late former President APJ Abdul Kalam.

**இஸ்ரோ முன்னாள் விஞ்ஞானி காலமானார்**  
இஸ்ரோ முன்னாள் விஞ்ஞானி நெல்லை சு.முத்து, திருவனந்தபுரத்தில் உடல்நலக்குறைவால் காலமானார். முன்னாள் குடியரசுத் தலைவர் அப்துல்கலாம்முடன் பணியாற்றிய இவர் அறிவியல், விண்வெளி தொடர்பாக பல புத்தகங்கள், கட்டுரைகளையும் எழுதியுள்ளார். இவரின் 4 புத்தகங்களுக்கு தமிழ்நாடு அரசின் சிறந்த நூலாசிரியர் விருது கிடைத்துள்ளது.

