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Kerala Regional News

Kisan Kavach	**Context:** ● A team of Malayali scientists has developed a groundbreaking fabric called **'Kisan Kavach' to protect farmers from the harmful effects of pesticide exposure, which often endangers their health.** **Key points:** ● This innovative fabric, chemically treated to neutralize pesticides, was created by researchers from the **Department of Biotechnology at the Institute for Stem Cell Science and Regenerative Medicine (inStem) in Bengaluru.** ● This fabric aims to address the severe health issues farmers face due to pesticide exposure, such as vomiting, shortness of breath, tremors, blurred vision, muscle pain, and weakness. ● Durable and reusable for up to a year, **'Kisan Kavach' represents a significant technological advancemen**t. ● Its development has been recognized with a recent publication in the prestigious journal Nature Communications.
Onavillu	**Context:** ● In Thiruvananthapuram, a legal dispute has emerged between the **Sree Padmanabhaswamy Temple administration and the Onavillu family regarding the trademark of Onavillu.** **About:** ● This bow-shaped religious artifact is traditionally offered to the deity of Padmanabhaswamy Temple on Thiruvonam day. ● The Onavillu consists of a wooden part adorned with paintings of the deity and red strings attached to it. ● This dispute echoes a previous legal battle where the **Attukal Temple Trust secured a trademark for the image of the deity and the title 'Sabarimala of women'.**

Kerala: 23,000+ Cyber Fraud Cases in 2023	**Context:**
	● Kerala faced a significant surge in cyber fraud incidents, with over **23,000 complaints recorded in 2023.**
	● Information based on complaints lodged on the **National Cybercrime Reporting Portal (NCRP).**
	Cyber Security?
	● Cybersecurity refers to the practice of protecting computers, servers, networks, electronic systems, and digital data from unauthorised access, theft, damage, or disruption.
	● It involves implementing measures and employing technologies and processes to ensure the confidentiality, integrity, and availability of information and systems.
	● Cybersecurity is necessary to protect sensitive data, preserve operational continuity, and mitigate financial risks posed by evolving cyber threats and crimes in the digital landscape.
	Indian Cyber Crime Coordination Centre (I4C)
	Establishment and Purpose:
	● The Indian Cyber Crime Coordination Centre (I4C) was established under the Ministry of Home Affairs (MHA) to comprehensively address cybercrime in India.
	● Its primary objective is to enhance coordination among various Law Enforcement Agencies (LEAs) and stakeholders, ensuring a unified approach to tackling cybercrime issues that affect citizens.
	● The I4C is headquartered in New Delhi.
	Functions:
	● The I4C serves as the central hub in the fight against cybercrime.
	● It is tasked with identifying research problems and the needs of LEAs, undertaking research and development (R&D) activities to create new technologies and forensic tools in collaboration with both domestic and international academic and research institutions.
	● Additionally, the centre works to prevent the misuse of cyberspace by extremist and terrorist groups.
	● Another critical function of the I4C is to recommend necessary amendments to cyber laws to stay abreast of evolving technologies and foster international cooperation.
	● It also coordinates activities related to the implementation of Mutual Legal Assistance Treaties (MLAT) concerning

	cybercrimes, in collaboration with the relevant nodal authority within the MHA. **Do you know?** ● According to the Indian Cyber Crime Coordination Centre (I4C), Southeast Asian countries such as **Cambodia, Myanmar, and Laos** have become significant hotspots for cybercrimes, with approximately **48% of financial frauds in India originating from these nations.**
Velankanni-Lourde spiritual tourism circuit	**Context:** ● **Union Minister Suresh Gopi has proposed a spiritual tourism circuit connecting major pilgrim centers in South India.** **Key points:** ● The circuit starts from Velankanni Church and includes stops at temples and churches across South India. ● Key locations on the circuit include the Mangaladevi temple, St Alphonsa's tomb, Malayattoor Church, and more. ● The circuit concludes at Lourde's Cathedral in Thrissur, with feasibility checks underway by tourism officials. ● Minister Gopi aims to integrate the Jewish Synagogue in Fort Kochi into the circuit, enhancing its appeal as a pilgrimage site. ● He envisions the synagogue attracting annual religious gatherings for Jewish communities.

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