

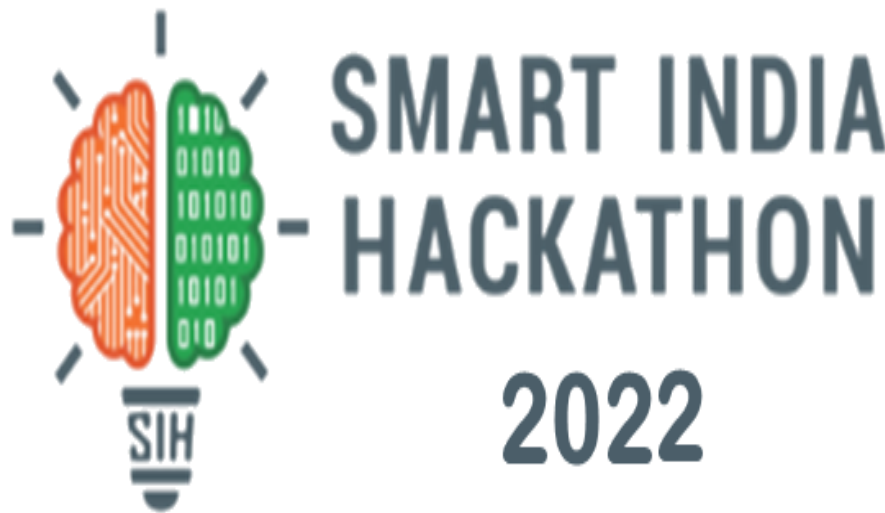
September - 02

## TNPSC BITS

- ❖ Acclaimed classical dancer and activist Mallika Sarabhai published her memoir 'Free Fall: My Experiments with Living'.
  - Born to renowned Indian classical dancer Mrinalini Sarabhai and the legendary space scientist Vikram Sarabhai, Mallika is an accomplished Kuchipudi and Bharatanatyam dancer.
- ❖ Dr Jitendra Singh launched the Coastal Clean-up Campaign Logo-Vasuki.
  - It is dedicated to the youth of the country as they are taking keen interest in the Coastal Clean-up campaign.

## NATIONAL

### Smart India Hackathon 2022



- ❖ It is a nationwide initiative to provide students with a platform to solve some of the pressing problems.
- ❖ This year, Smart India Hackathon – Junior has also been introduced as a pilot for school students.
- ❖ Smart India Hackathon (SIH) was started in the year 2017.



- ❖ It is an initiative by the Ministry of Education, All India Council for Technical Education (AICTE), Persistent Systems and Inter Institutional Inclusive Innovation Centre (i4C).
- ❖ A team of IGNOU students has been selected as the first Prize winner in the grand finale of Smart India Hackathon 2022.

### **India's first virtual school**



विद्याधनम् सर्वधनं प्रधानम्

**राष्ट्रीय मुक्त विद्यालयी शिक्षा संस्थान**  
**National Institute of Open Schooling**

- ❖ The Delhi government has launched a virtual school.
- ❖ It announced that students from across the country will be eligible for admission.
- ❖ It was claimed that it was India's first virtual school.
- ❖ However, the National Institute of Open Schooling (NIOS) said that the first virtual school in the country was launched last year by the Centre and not by the Delhi government.

### **Indian Army – QKD**

- ❖ India joins the elite club as the Indian army is set to possess Quantum Communication Technology with equipped troops and a high-end secured defense system.
- ❖ With the support of Innovation for Defence Excellence (iDEX), Defence Innovation Organisation, the QNu Labs a Bengaluru-based deep tech Startup has innovated advanced secured communication through Quantum Key Distribution (QKD).
- ❖ The leading countries in the QKD systems are China, the US, Canada, and other European countries.

- ❖ It is to carry out secure communication using a cryptographic protocol involving multiple quantum mechanical elements.
- ❖ A QKD system allows the creation of a quantum secure secret pair of symmetric keys between two points that are separated by a certain distance in terrestrial optical fibre infrastructure.
- ❖ QKD helps to create a non-hackable quantum channel for creating un-hackable encryption keys, which are used to encrypt critical data.

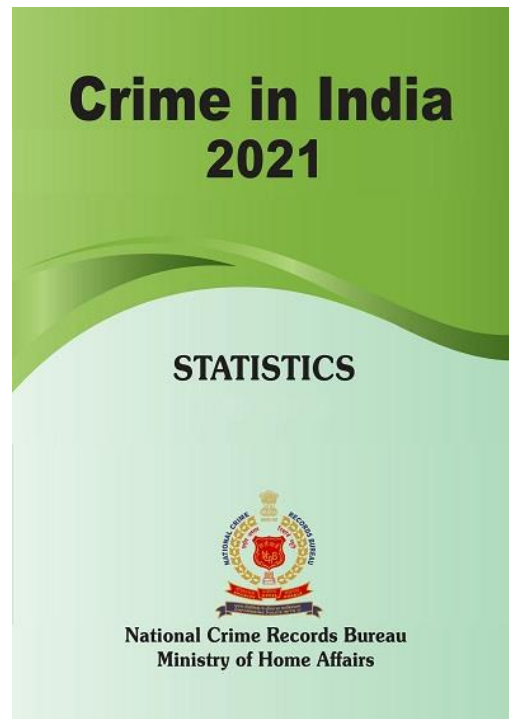


## Millet conclave 2022



- ❖ It was held at Raichur, Karnataka.
- ❖ It was organized by University of Agricultural Sciences in Raichur of Karnataka under the NABARD (National Bank for Agriculture and Rural Development).
- ❖ The theme of conclave was “Making Many Millet Magnets - Making Many Millet Entrepreneurs”.
- ❖ It was a curtain raiser for International Year of Millets in 2023.
- ❖ The Chief Minister of Karnataka Basavaraj Bommai said that the international millet fair will be held in Bengaluru in January, 2023.
- ❖ India has become the 5th largest country in the World in terms of Export of millets.

### **‘Crime in India’ report - National Crime Records Bureau**



- ❖ It is the annual report of the National Crime Records Bureau (NCRB).
- ❖ Overall, 2021 saw a 7.6 per cent decline in the number of crimes registered, as compared to 2020.
- ❖ The crime rate per lakh population declined from 487.8 in 2020 to 445.9 in 2021.
- ❖ Uttar Pradesh saw the highest number of deaths (24,711) in traffic accidents.
- ❖ A maximum number of Road accident cases were reported in Tamil Nadu.
- ❖ Suicide rate was 20 deaths per million population (the highest level ever recorded)



- ❖ Daily wage earners remained the largest profession-wise group among suicide victims in 2021.
- ❖ The overall share of “Persons engaged in the farming sector” among the total recorded suicides stood at 6.6 per cent during 2021
- ❖ Maximum number of suicides occurred in Maharashtra (22207).
- ❖ Tamil Nadu (18,925), Madhya Pradesh (14,965) and West Bengal (13,500) follows the suicide list.
- ❖ Jammu and Kashmir registered the most Unlawful Activities (Prevention) Act (UAPA) cases.
- ❖ Jharkhand and Maharashtra filed the highest cases of communal riots last year.
- ❖ The rate of crime against women (the number of incidents per 1 lakh population) increased from 56.5 per cent in 2020 to 64.5 per cent in 2021.
- ❖ Amongst the majority of the crimes against women, 31.8 per cent were cases registered under ‘cruelty by husband or his relatives’, 20.8 per cent cases were ‘assault on women with intent to outrage her modesty’, kidnapping and abduction accounted for 17.6 per cent cases and 7.4 per cent were rapes.
- ❖ The report places Uttar Pradesh on top (56,083) in terms of the actual number of cases registered in 2021.
- ❖ It is followed by Rajasthan (40,738) and Maharashtra (39,526).
- ❖ Nagaland stood out with the lowest number of crimes against women registered in the past three years.
- ❖ Delhi is the most unsafe metropolitan city.
- ❖ It is followed by Mumbai (12.76 per cent) and Bengaluru (7.2 per cent).
- ❖ Rajasthan reported the highest number of rape cases
- ❖ Only 507 cases were registered in the country under the Domestic Violence Act in 2021, showing an under-reporting of cases.

#### **NCRB**

- ❖ NCRB acts under the Ministry of Home Affairs.
- ❖ NCRB looks after CCTNS (Crime and Criminal Tracking Network and Systems) and Central Finger Print Bureau
- ❖ Its released reports are Crimes in India, Prison Statistics in India and Accidental Deaths and Suicides in India.

#### **One Herb, One Standard**

- ❖ The Ministry of Ayush has taken a significant step for Inter-Ministerial cooperation for promotion and facilitation of “One Herb, One Standard”.



- ❖ A Memorandum of Understanding (MoU) was signed between Pharmacopoeia Commission for Indian Medicine and Homoeopathy (Ministry of Ayush) and Indian Pharmacopoeia Commission (Ministry of Health & Family Welfare).
- ❖ It aims to promote public health by facilitating the development of harmonized Herbal drug standards.
- ❖ It aims to improve ease of doing business in India and also improve overall trade of Indian botanicals.

## **STATES**

### **Alapuzha – 5th fully digital banking district**

- ❖ Alappuzha has become the fifth fully digital banking district in the State of Kerala.
- ❖ As part of the initiative, at least one digital transaction facility has been enabled in 26 lakh savings/current bank accounts in 29 banks in the district.
- ❖ A digital transaction facility includes debit-credit card, Internet banking, mobile banking, unified payment interface, and so on.
- ❖ A declaration in this regard was made by Reserve Bank of India (RBI).
- ❖ Banking services in Thrissur, Kottayam, Palakkad and Kasaragod have already become digital.

