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# DAILY CURRENT AFFAIRS

## 17<sup>th</sup> July 2021

### 93rd Foundation Day of ICAR Celebrated

- Est on 16<sup>th</sup> July 1929, **Indian Council of Agricultural Research (ICAR)** is an autonomous body responsible for coordinating agricultural education and research in India.
- On the occasion awards in various categories were announced along with releasing the publications of ICAR.
- The Council's hard work to achieve the targets of **doubling the farmers' income by 2022** was also appreciated.

### Kisan Sarathi: 'Right Information at Right Time'

- To facilitate farmers to get '**right information at right time**' in their desired language, a digital platform namely 'KisanSarathi' was launched jointly by Shri Narendra Singh Tomar, Minister for Agriculture and Farmers Welfare with Shri Ashwini Vaishnav, Minister for Electronics and Information Technology, on 93<sup>rd</sup> ICAR Foundation Day.
- The farmers can interact and avail personalized advisories on agriculture and allied areas directly from the respective scientists of **KrishiVigyan Kendra (KVKs)**.
- The Minister asked the ICAR Scientists to take-up research on new technological interventions in transportation of farmer's crop from their farm gate to warehouses, markets, and the places where they want to sell with minimum damage.

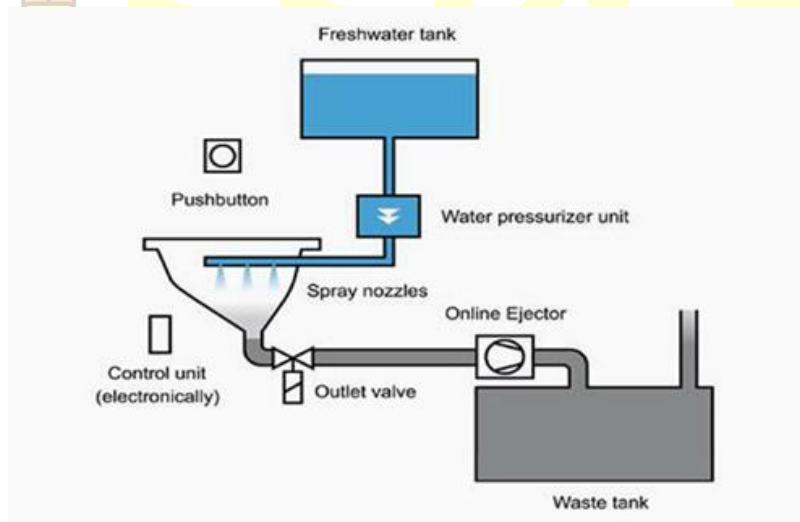
### School Innovation Ambassador Training Program

- Education Minister Dharmendra Pradhan and Tribal Affairs Minister Arjun Munda jointly launched the **School Innovation Ambassador Training Program**.
- It aims to train **50 thousand schoolteachers** on Innovation, Entrepreneurship, Design Thinking, Product development and Idea generation.
- The program has been designed by **Innovation Cell** of the **Ministry of Education** and AICTE for School Teachers. The training will be given in **online mode only**.

- Ministry of Agriculture has signed a MOU with Microsoft to run a pilot programme for 100 villages in 6 states.

## Automated Train Toilet Sewerage Disposal System

- **An automated technology** for collection of toilet waste which is easy to maintain and seven times cheaper alternative to the bio-toilets, developed by an Indian scientist (**Dr. R.V. Krishnaiah**), can be used to maintain the toilet system of the Indian Railways.
- The technology developed with support from the Advanced Manufacturing Technologies programme of the Department of Science & Technology (DST), aligned with the '**Make in India**' initiative has been granted five National patents and is in the testing phase.
- Existing **Bio toilets** use anaerobic bacteria for converting human waste to gas, but that bacterium cannot decompose plastic and cloth materials dumped into toilets by passengers.
- Hence maintenance and removing of such non decomposed materials inside the tank is difficult.



- The **automated system** has 3 steps: The **septic tank** (which is placed under the track) top cover gets opened when train approaches to the septic tank place by using **Radio Frequency Identification (RFID)** sensor and reader placed at Engine and septic tank position respectively,
- sewerage material in toilet tanks is dropped into the septic tank when they are mutually synchronized,
- **Septic tank** cover gets closed when train departs away from it.



## Aruna Asaf Ali Remembered on her Birth Anniversary

- Vice President M Venkaiah Naidu today remembered freedom fighter Aruna Asaf Ali on her birth anniversary.
- In a tweet, Mr. Naidu said, she was a fearless freedom fighter, resolute leader and passionate educator and earned the sobriquet 'Heroine of the 1942 Movement' for her role in the Quit India Movement.
- The Vice President said, her love for the motherland continues to inspire every Indian.

## Draft Drone Rules, 2021

- The Ministry of Civil Aviation has unveiled the **Draft Drone Rules, 2021** based on **“trust, self-certification and non-intrusive monitoring”**.
- The new rules would replace the existing Unmanned Aircraft System (UAS) Rules, notified in March 2021.
- It aims to create a **“digital sky platform”** as a business-friendly single-window online system for procuring various approvals.
- There will be **minimal human interface** on the digital sky platform and most permissions will be self-generated.

## REVIEW QUESTIONS

**1. Who is the Current Director General, ICAR?**

- A. Dr. S Ayyappan
- B. Dr. Trilochan Mohapatra
- C. Dr. Renu Swarup
- D. Dr. Ashutosh Sharma

**ANSWER: B**

**2. \_\_\_\_\_ is the motto of ICAR?**

- A. Agrisearch with a human touch
- B. Agriculture for Human Life
- C. Agri Development with Human touch
- D. Food for Life

**ANSWER: A**

**3. Indian Institute of Rice Research is located at?**

- A. Hyderabad
- B. Chennai
- C. Mysore
- D. Bengaluru

**ANSWER: A**

**4. Central Marine Fisheries Research Institute is located at?**

- A. Thiruvananthapuram
- B. Kochi
- C. Vishakhapatnam
- D. Mumbai

**ANSWER: B**

**5. Indian Institute of Sugarcane Research is located at?**

- A. Kanpur
- B. Lucknow
- C. Patna
- D. Ranchi

**ANSWER: B**

**6. Central Tobacco Research Institute is located at?**

- A. Rajamahendravaram
- B. Kurnool
- C. Kadapa
- D. Chittoor

**ANSWER: A**

**7. Indian Institute of Horticultural Research is located at?**

- A. Hyderabad
- B. Chennai
- C. Kochi
- D. Bengaluru

**ANSWER: D**

**8. Indian Institute of Spices Research is located at?**

- A. Kochi
- B. Thiruvananthapuram
- C. Khazikode (Calicut)
- D. Kollam

**ANSWER: C**

**9. Indian Institute of Agricultural Biotechnology is located at?**

- A. Ranchi
- B. Jhansi
- C. Meerut
- D. Varanasi

**ANSWER: A**

**10. Indian Institute of Soil and Water Conservation is located at?**

- A. Dehradun
- B. Bhopal
- C. Bhubaneswar
- D. Karnal

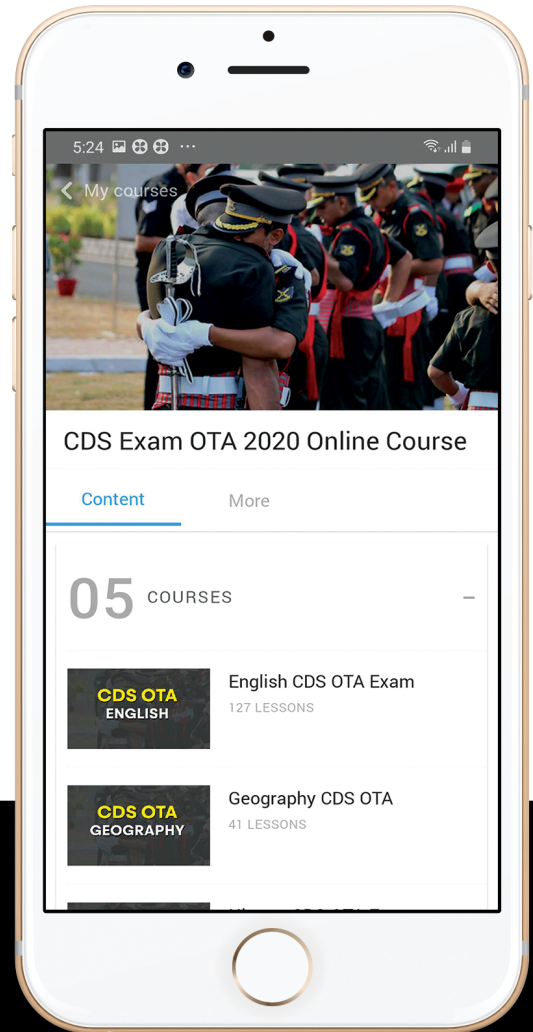
**ANSWER: A**



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