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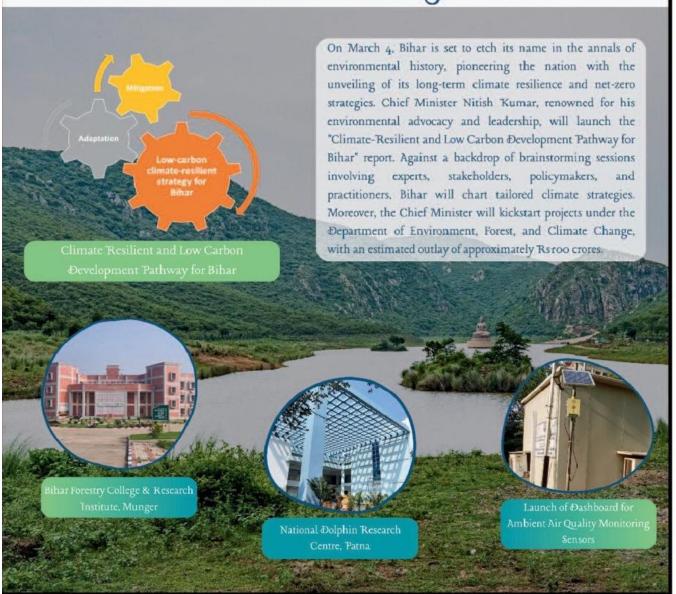
24 R.N.I. NO. BIHHIN/1999/30

Sunday, 03 MARCH, 2024

Weekly Tabloid

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Bihar Climate Action Conclave: Initiating a Green Revolution Against Climate Change



PROJECTS GALORE AT BIHAR CLIMATE ACTION CONCLAVE

Bihar Leads the Way in Dolphin Research with Inauguration of National Dolphin Research Centre



Patna: Bihar is poised to emerge as a pivotal hub for research on the Gangetic Dolphin, India's national aquatic animal, with the inauguration of the National Dolphin Research Centre (NDRC) by Chief Minister (CM) Nitish Kumar at the Bihar Climate Action Conclave in Patna on March 4. Marking a significant milestone, this center stands as the first of its kind not only in India but also across Asia, situated along the banks of river Ganga in Patna.

The NDRC aims to serve as a comprehensive facility for dolphin research, housing all necessary equipment under one roof. Researchers will delve into various aspects of dolphin behavior in their natural habitat, studying factors such as their food habits and adaptation to changing environments. Furthermore, the center will play a crucial role in training fishermen on methods to avoid inadvertently harming dolphins during fishing activities. The establishment of the NDRC in Patna traces back to a decision made during a meeting of the State Wildlife Board in February, 2012. Following adherence to pertinent legal norms, the Law College Ghat Complex of Patna University was chosen as the site for the center. CM Nitish laid the foundation for the project on September 22, 2020. Prior to the completion of the construction work, the interim office of NDRC operated from the Zoology Department of Patna University starting from July 30, 2021.

Munger's First Forestry College Renamed as Bihar Forestry College and Research Institute



Patna: The Bihar Climate Action Conclave is set to mark a significant milestone in the realm of forestry education and research in Bihar. On March 4, the state's pioneering forestry institution located in Munger will be officially renamed as the Bihar Forestry College and Research Institute (BFRI), ushering in a new chapter of development and progress.

Originally inaugurated by Chief Minister Nitish Kumar in February, 2023, BFRI comprises two distinct wings dedicated to academic pursuits and research endeavors respectively. Under the auspices of the forestry college, students engage in comprehensive studies in forestry, with academic programs affiliated with Bihar Agricultural University, Sabour. The college operates in accordance with the regulations laid down by the university. Overseeing the academic affairs within the college is a dedicated Dean, while administrative responsibilities of the institute are entrusted to a Director, an officer from the Indian Forest Services (IFoS) holding the rank of Chief Wildlife Warden. The necessary infrastructure, including the creation of posts and administrative arrangements, has already been established to facilitate the seamless functioning of BFRI. The research wing of BFRI focuses on forestry and wildlife studies, operating under the jurisdiction of the Bihar government. Collaborative agreements are being sought with prominent institutions in the field, such as the Forest Research Institute (FRI) and the Wildlife Institute of India, both based in Dehradun, Uttarakhand.

Dashboard for Air Quality Monitoring Set to Revolutionize Bihar's Pollution Control Efforts

Patna: In a bid to enhance air pollution measurement efforts across rural Bihar, Chief Minister Nitish Kumar is slated to launch an integrated dashboard for air quality monitoring sensors installed in all 534 block offices in the state.



The inauguration will take place at the Bihar Climate Action Conclave scheduled for March 4. The initiative, known as the Ambient air quality Monitoring over Rural areas using Indigenous Technology (AMRIT), is a collaborative project between the Center of Excellence on Advanced Technologies for Monitoring Air Quality Indicators at IIT Kanpur and the Bihar State Pollution Control Board (BSPCB). Under the auspices of the Principal Scientific Advisor's office, Government of India, this project aims to revolutionize air quality monitoring in Bihar. A total of 539 Internet of Things (IoT) based Sensor Ambient Air Quality Monitors (SAAQMs), covering all block office in Bihar, have been installed as part of the AMRIT project. These sensors will provide real-time data on key air quality indicators, including Particulate Matter (PM2.5), Temperature, and Relative Humidity, enabling authorities to take timely and informed actions to combat air pollution. A data visualization dashboard has been developed to empower local government bodies at the divisional, district, and block levels. This dashboard will enable authorities to analyze the measured air quality data and make evidence-based policy decisions. The dashboard features a range of visualization tools, including Line Charts, Bar Charts, and Box Plots, to facilitate scientific analysis and policy formulation.