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Telangana State Regional News

<p>NDSA Final Report on Medigadda to be Delayed</p>	<p>Context:</p> <ul style="list-style-type: none"> • The National Dam Safety Authority (NDSA) is conducting a multi-disciplinary investigation into the structural issues of the Medigadda and two other barrages of the Kaleshwaram Lift Irrigation Project. • The final report, initially expected within three to four months, will not be available until at least December. • The delay is due to the need to correlate recommendations with ongoing studies by three other central organizations, one of which has only just begun its work. <p>Central Soil and Materials Research Station:</p> <ul style="list-style-type: none"> • The Central Soil and Materials Research Station (CSMRS), one of the three agencies involved, has not yet arrived at the Medigadda barrage. • Consequently, their study reports are not expected before September. <p>About:</p> <ul style="list-style-type: none"> • The Central Soil and Materials Research Station (CSMRS), an attached office of the Department of Water Resources, River Development & Ganga Rejuvenation, Ministry of Jal Shakti, Government of India, is a premier institute in the country located at New Delhi, which deals with field and laboratory investigations, basic and applied research, and problems in Geotechnical engineering, construction materials and allied fields relevant to river valley projects within India and neighbouring countries viz. Nepal, Bhutan, Afghanistan, Myanmar etc.
<p>KU Signs MoU with Bourntec Solutions</p>	<p>Context:</p> <ul style="list-style-type: none"> • Kakatiya University's Department of Geology has signed a Memorandum of Understanding (MoU) with Bourntec Solutions Private Limited, Hyderabad. <p>Key points:</p> <ul style="list-style-type: none"> • According to the terms of the MoU, Bourntec Solutions will align its training with the university's curriculum, focusing on GIS and related fields. • This initiative is expected to enhance students' skills and open up long-term employment opportunities.



	<ul style="list-style-type: none"> Selected students will undergo training and participate in an internship programme, receiving a stipend of Rs. 7,000 for the first 12 months. Bourntec will also work with the university to develop a sustainable employment strategy for M.Sc. Geology students.
<p>Nirmal Gynecologist Wins Mrs. World Peace International 2024 Title</p>	<p>Context:</p> <ul style="list-style-type: none"> Dr. Chandrika Gunturu, a gynecologist from Nirmal, has achieved the prestigious title of Mrs. World Peace International 2024. Alongside this, she also won the subtitle of Mrs. Intellectual, recognized for her wisdom and impactful contributions to society. <p>Key points:</p> <ul style="list-style-type: none"> The competition, held from May 28 to June 1, saw Dr. Chandrika competing against 140 participants from across the country. Her victory brought significant recognition to her profession and district, as she received the crown and certificate from Glamour Gurgaon, an event organized by Barkha Nangia. Dr. Chandrika qualified for the finals by excelling in a State-level competition organized by the same entity.
<p>South India's Mangrove Ecosystems at Risk of Collapse</p>	<p>Context:</p> <ul style="list-style-type: none"> A recent study has highlighted the significant risk faced by South India's mangrove ecosystems. These vital coastal forests are threatened by pollution, deforestation, and coastal development, exacerbated by climate change effects like rising sea levels and more frequent severe storms. <p>Mangroves: Natural Coastal Protectors:</p> <ul style="list-style-type: none"> Mangroves are tropical trees or shrubs thriving in coastal saline or brackish water, where other plant species cannot survive. They serve as a natural barrier against coastal soil erosion and protect against natural disasters such as floods. <p>Global Mangrove Assessment:</p> <ul style="list-style-type: none"> The "Red List of Mangrove Ecosystems," the first global assessment by the International Union for Conservation of Nature (IUCN), warns that half of the world's mangrove ecosystems are at risk of collapse. This report categorizes India's mangrove ecosystems into three regions: <ul style="list-style-type: none"> Bay of Bengal (shared with Bangladesh) Western region (shared with Pakistan)



	<ul style="list-style-type: none"> • Southern region (shared with Sri Lanka and the Maldives) <p>While the Bay of Bengal and Western regions are considered least concerned, the southern region is critically endangered.</p> <p>Importance of Mangroves:</p> <ul style="list-style-type: none"> • Mangroves play a crucial role in coastal disaster risk reduction, carbon sequestration, and supporting fisheries and biodiversity. • The report, prepared with contributions from over 250 experts across 44 countries, underscores the potential disaster of losing these ecosystems. • Mangroves store nearly 11 billion tons of carbon and protect 15.4 million people and \$65 billion worth of property annually from coastal disasters. <p>Urgent Need for Conservation:</p> <ul style="list-style-type: none"> • The report stresses the urgency of implementing additional conservation measures to protect mangroves. • Without these efforts, by 2050, about 7,065 km² more mangroves could be lost, and 23,672 km² submerged. • This degradation could release significant amounts of carbon, leading to substantial economic and social costs, increased coastal flooding risks, and loss of valuable fishing days.
World Environment Day	<p>About:</p> <ul style="list-style-type: none"> • On June 5th of each year, the world observes World Environment Day (WED), a significant global event aimed at raising awareness and promoting action towards environmental protection. • Established by the United Nations Environment Program (UNEP) in 1972, this day serves as a platform to highlight pressing ecological issues faced by our planet and foster sustainable practices. • This year, the theme for World Environment Day is 'Land restoration, desertification, and drought resilience' under the slogan 'Our land. Our future. We are #GenerationRestoration.' • The Kingdom of Saudi Arabia will host the 2024 World Environment Day global celebrations, marking a pivotal moment as the world commemorates the 30th anniversary of the UN Convention to Combat Desertification.



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