



A Report on Prakriti program conducted at Kendriya Vidyalaya, Kakinada

In compliance of MoU signed between ICFRE and Kendriya Vidyalaya Sangathan, to promote awareness about forest and environment, Forest Research Centre for Coastal Ecosystem (FRC-CE), Visakhapatnam organized “Prakriti: A scientist - student connecting initiative” among students of Kendriya Vidyalaya, Kakinada. On 4th November 2022 Shri T. Srinivas, Scientist-B and Head (In-charge) of FRC-CE guided a ‘Research Outreach’ team comprising of Shri M. Ganesh, Smt T. Anusha and Shri CH. Srinivas to organize an interactive training at KVS Kakinada on Coastal Ecosystem Services and Human Well Being. Mr. Bontha Sekhar, Principal of KVS welcomed the team and arranged the needful for the program. Smt T. Anusha, Technician, FRC-CE gave a brief introduction about the “PRAKRITI” program, FRC-CE and its contribution towards environment and society.

Shri. T. Srinivas, Scientist, FRC-CE apprised students about the different coastal ecosystems like the mangroves, coral reefs, seagrass beds, estuaries, lagoons and backwaters etc., and their significance in providing various ecosystem services for humans, such as sequestering carbon, cycling nutrients and elements, providing nurseries and fishing



grounds for commercial fisheries, preventing coastal erosion and moderating extreme event. He also apprised students about the impact of climate change on faunal biodiversity of coastal ecosystems. He further added that Mangroves play a vital role in coastal ecology and in sustaining and securing coastal communities.

Following the presentation Smt T. Anusha, presented on “Ecological role of Mangroves”, in which she briefed about mangrove forests, types of mangroves, their

adaptations, importance of mangroves, threats to mangrove communities and conservative steps taken by FRCCE.



A quiz was also conducted regarding the identification of flora and fauna related to coastal ecosystems. Digital presentations regarding scenic beauties of coastal ecosystems and threats to the ecosystems due to human interference were clearly picturized to students. Winners of the quiz were distributed with prizes from behalf of FRCCE. A total of 40 students including teachers were present in the program. After the program, all students along with school principal and faculty gathered for a group photograph.



Group photo with Principal and students of KV