



A **SCIENTIST-STUDENT**
CONNECT INITIATIVE



Indian Council of
Forestry Research
and Education



About PRAKRITI



A scientist-student connect initiative was envisioned and accordingly ICFRE entered into MoUs with Kendriya Vidyalaya Sangathan (KVS) and Navodaya Vidyalaya Samiti (NVS) in 2018.

The concept was implemented in the form of a programme named "PRAKRITI" with the following objectives:

- To promote awareness about forests and environment among the school children
- To stimulate interest among the students of KVs/NVs in maintaining a balanced environment and for acquiring skills that reflect care and protection towards forests, environment and society
- To inculcate a sense of desire and duty to be actively involved in protection of the forests and environment for the overall benefit of the society.
- To provide a platform to school children to learn practical skills towards judicious use of our resources
- To mobilize a cadre of youth for raising a people's movement committed to Preservation and Conservation of forests and environment
- To make the youth of the country aware about environment, forests, society and services provided by them and to develop scientific temperament



GLIMPSES OF ACTIVITIES

FOREST RESEARCH INSTITUTE DEHRADUN

- An interactive meet was organized for 100 teachers of Kendriya Vidyalayas running in Lucknow & Dehradun regions.
- About 35 students from KV FRI, KV IMA and KV ONGC were sensitized about the benefits/ contribution of forest for society and environment.
- A total of 110 students from KV SOI 2, KV HBK and KV Upper camp, KV OLF, KV ITBP and KV Ordinance Factory (OFD) visited Silviculture museum and were sensitized about the various silviculture systems and the aspects of silviculture. They were also benefitted with the knowledge about forest diseases & their control.
- Painting and Essay competitions among students of eleven Kendriya Vidyalayas and one Navodaya Vidyalaya on the eve of International Day of Forest (IDF) with theme "Forests an Education" were organized.



TROPICAL FOREST RESEARCH INSTITUTE JABALPUR

- Demonstration cum awareness programme organized for students in which the research activities were briefed and lecture's were delivered about the need of environmental conservation.
- Scientists visited Jawahar Navodaya Vidyalaya, Bargi and briefed about the biodiversity issues and the environmental issues for conserving biodiversity.
- Demonstration cum awareness visit for fifty students of class 8th and 9th and four teachers of KV-2, Dharamtekdi, Chhindwara was organized for exposure of the biodiversity of available plants including identification of plants. They were also updated about the environmental issues and measures for conserving biodiversity.
- An exposure visit to generate awareness about biodiversity conservation, identification of local flora in and around school campus was organized by FRC-SD, Chhindwara for students of KV Badkuhi, Chhindwara.



RAIN FOREST RESEARCH INSTITUTE JORHAT

- A nature conservation awareness programme for 80 students of Kendriya Vidyalaya, ONGC was organized to motivate them for environmental conservation and sustainable future in the planet Earth.
- An Exposure Visit for 25 students of Class IX and XI and two Post Graduate Teachers of Jawahar Navodaya Vidyalaya, Jorhat and 41 students of Class VIII and IX and three Post Graduate Teachers of Kendriya Vidyalaya ONGC, Cinnamara, Jorhat was organized on various environmental and forest related issues. Students visited various laboratories, bambusetum, nursery and bamboo composite centre. They visited the Forest Pathology laboratory where various macro fungi and other disease samples were displayed.



HIMALAYAN FOREST RESEARCH INSTITUTE SHIMLA



- 50 students of Kendriya Vidyalaya, Jakhu Hills, Shimla, 50 students of Jawahar Navodaya Vidyalaya, Deorightat, Thiyog, Shimla, 106 students of Kendriya Vidyalaya, NHPC, Sainj, Kullu, 80 students of Kendriya Vidyalaya, Jatog, Cantt., Shimla, 70 students of Jawahar Navodaya Vidyalaya, Nahan, Sirmour



were benefitted from awareness programme on forestry and environmental issues, Forest and Biodiversity, Biodiversity Hotspots.

- An awareness camp for 72 students of Class 10th, 11th and 12th of Kendriya Vidyalaya, Bangana, Una, Himachal Pradesh was organized on forestry and environment.



INSTITUTE OF FOREST PRODUCTIVITY RANCHI



- 110 students and 20 teachers of Jawahar Navodaya Vidyalaya, Patna, 43 students of Jawahar Navodaya Vidyalaya, Mesra, Ranchi, 190 students and 8 teachers of Jawahar Navodaya Vidyalaya, Bonga, Hazaribagh were benefitted from the awareness programmes on forest and environment, one day programme on Nursery and maintenance, favorable effect of planting trees through agroforestry on the environment, how to save the environment related to Forest, Environment and Wildlife and on "Biodiversity". A documentary pertaining to Wildlife was also screened for the students.



INSTITUTE OF FOREST GENETICS AND TREE BREEDING COIMBATORE



- Two days training on the theme “Junior Rangers – Connecting Students with Nature” for 20 students of 6th & 9th classes of Kendriya Vidyalaya (KV), Sowripalayam, Coimbatore organized. The main objective of the training was to develop nature and environment consciousness, and impart action oriented learning methods, hands on activities and exposure visits to the students on role of forests and its conservation, Wetland biodiversity, Birds & butterflies and activity based learning. Exposure visits were conducted to Gass Forest Museum of IFGTB and Insect museum of TNAU, Coimbatore.
- “Talk to Scientist” module was arranged, wherein the students had a chance to interact with the Scientists on the role of forests & its conservation, on the butterflies-their role and significance as pollinators. The “Junior Rangers” also released a “Butterflies- Calendar 2019”.
- An exclusive field trip to Singanallur Wetland in Coimbatore was organized as part of training to impart wetland conservation and its pivotal role in landscape ecosystem.
- “Nature Quiz” was organized for the students on the lessons learnt and prizes were given to the winners. A certificate, saplings of indigenous trees and booklets on plants, birds, reptiles and amphibians published by IFGTB was distributed to the students.



ARID FOREST RESEARCH INSTITUTE JODHPUR

- A lecture "Direct and Indirect benefits of trees, and environmental conservation" was delivered to 180 students of class 8th of Kendriya Vidyalaya No. 1, AFS Jodhpur, 42 students of class 11th of Kendriya Vidyalaya, B.S.F Jodhpur and also demonstrated plantation techniques.
- A lecture on " Forest and Environmental Conservation" was delivered to 513 students of Class 6th to 12th of Jawahar Navodaya Vidyalaya Tilwasani, Jodhpur, 55 students of Class 8th and 9th of Kendriya Vidyalaya, I.I.T. Jodhpur,



120 students of class 9th and 11th of Kendriya Vidyalaya, Army no. 1, Jodhpur, 487 students from class 6th to 12th at Jawahar Navodaya Vidyalaya, Jojawaar (Pali), 118 students from class 9th and 11th of Kendriya Vidyalaya (Army) Banad, Jodhpur.

- Tissue culture Technique was explained to the students and extension literature was provided. The students visited various laboratories of the institute, Interpretation Center and learned about various research activities of the Institute. Experimental Nursery was also shown.
- A short video on the "Germination in Plants" was also shown to students. Students also visited Experimental Nursery of the Institute.
- In all, a total of 982 students of Kendriya Vidyalayas and 1000 students of Jawahar Navodaya Vidyalaya i.e.1982 students were benefitted.



INSTITUTE OF WOOD SCIENCE AND TECHNOLOGY BENGALURU

- An awareness programme on Forestry and Wood Science was organized for the students of Grade 6, 7, 8, 9 and 11 of Kendriya Vidyalaya, Malleswaram, Bengaluru.
- A total of 850 students visited the Institute. 200 students of Grades 6, 7, 8 and 11 from morning batch and around 650 afternoon batch students of Grade 6 to 8 were visited the Institute.
- A nature walk in the 25 acres campus was also organized. Students enjoyed the 10 acres natural forest that is well preserved and maintained with a pathway through the forest thus giving children an opportunity to experience, enjoy and understand the beauty of nature and at the same time actually see some of the rare trees, birds flowers etc. and learn about them.
- A visit to the plant nursery, greenhouse with automatic controls for humidity and temperature and shade net house used for hardening of plants was also arranged.
- The students learnt all about WOOD, at the state of the art Wood Museum cum Interpretation Centre which endeavors to disseminate the significance and importance of this wonderful and natural material. It exposes visitors to many facets of wood like history, anatomy, processing, products, problems, solutions and much more.



You are welcome to contact ICFRE Institutes for any suggestions or queries.

Through Prakriti programme we at ICFRE are working together to create awareness in the young citizens of our country towards building a greener India. The programme is operational through 9 ICFRE institutes across the country. The enthusiastic response from the students all over the country is overwhelming.



INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION

Ministry of Environment, Forest and Climate Change
Government of India

P.O. New Forest, Dehradun - 248006
Website: www.icfre.org; www.icfre.gov.in