

# NITK opens three centres of excellence

TIMES NEWS NETWORK

**Mangaluru:** National Institute of Technology Karnataka (NITK), Surathkal, has established three Centres of Excellence (CoEs) in line with the National Education Policy-2020.

The centres established are Centre for Sustainable Energy Engineering (CSEE), Centre for Women Welfare and Social Empowerment (CWWSE), and Centre for Public Relations, Information and Media Exchange (C-PRIME).

These CoEs have been designed to provide students with complete knowledge of technical and non-technical fields with access to the most recent research and technology, allowing them to remain at the forefront of their respective professions.

The newly established centres will engage with relevant ministries, industry experts and other higher education institutions, said Prasad Krishna, director (additional charge), NITK, Surathkal.

## What these centres do

C-PRIME will focus on the effective use of multiple media platforms and will serve as a hub for information exchange between the institute, its stakeholders, and the public in general, fostering greater collaborations as well as better transparency.

CWWSE is established to assist women in gaining more independence and empowerment. By providing proper resources and assistance, the centre aims at establishing a culture of inclusion and equality in the development of a more varied and productive workforce. It will also strive to empower its members to become active contributors to the nation's growth and development.

CSEE will provide researchers with a unique avenue to collaborate and share their field-specific expertise.

Dharmendra Pradhan, Union minister for education, skill development, and entrepreneurship, during his visit to the NITK campus for the 20th annual convocation in month of October, had re-

## NITK team helps forest dept track jumbos

**Mangaluru:** Based on a request from the forest department, a team from the Centre for System Design (CSD), NITK Surathkal assisted in tracking elephants in the Subrahmanya forest range. Pruthviraj U, assistant professor at the department of water resources and ocean engineering and part of CSD, told **TOI** that 'aerial thermal imaging' technology through drones was used to track the elephant. It may be recalled that two persons were killed at Renjilady village in an elephant attack on February 20, following which an operation to nab the tusker was launched. In an operation led by Dr Dinesh Kumar YK, deputy conservator of forests, Mangaluru division, the jumbo was nabbed on Thursday. The NITK team that assisted in the operations for three days included Shanker,

quested the institution to establish a full-fledged sustainable energy department in order to transform NITK Su-

Mohith, Manish, Abhijith, and Rakshith under the guidance of Pruthviraj U and Gangadharan KV, coordinator of CSD. Pruthviraj said that thermal cameras can detect heat signatures and are ideal for tracking elusive animals. They operate by detecting infrared radiation and can produce images in complete darkness, smoke, dust, and fog. They are commonly used for wildlife monitoring. According to Pruthviraj, academic institutions have a social obligation to promote knowledge and work for the betterment of society. For the past 10 years, CSD has been working with the Forest Department to encourage sustainable forest management and conservation through combined research, field studies and data gathering. **TNN**

rathkal as a national leader in energy transition within a decade. This led to the establishment of CSEE.