

# 109 D. (14) KSCST Regional Centre, Kalaburagi

## Preamble:

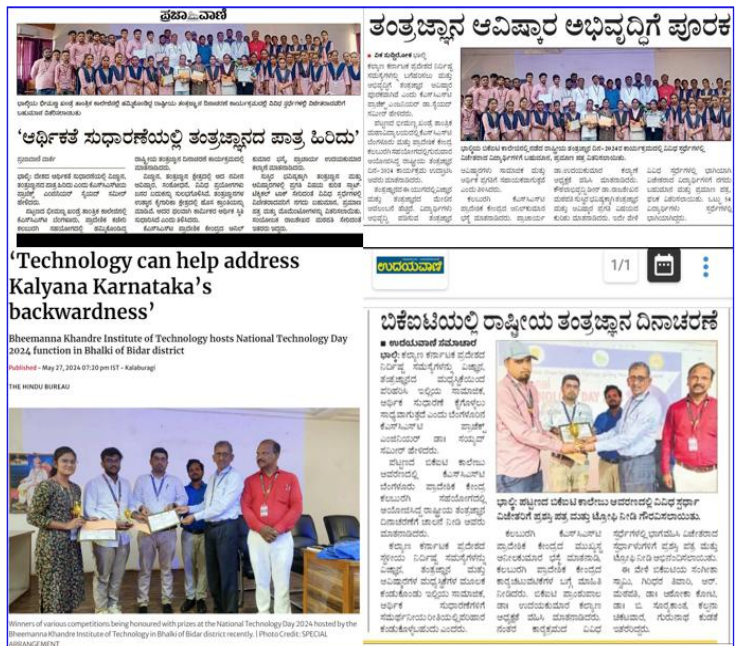
In pursuit of fostering innovation, research, and technological advancements, the Karnataka State Council for Science and Technology (KSCST) takes pride in establishing the Regional Centre in Kalaburagi, situated in the heart of the Kalyana Karnataka Region. With a vision to catalyze socio-economic development and empower communities through science and technology, the KSCST Regional Centre is a beacon of knowledge, collaboration, and progress.

## Objectives:

To promote research, innovation, and collaboration to drive socio-economic development and address local specific challenges through the STI ecosystem.

## Progress: April – November 2024

- Celebrated the 'World Earth Day' on 25th April 2024 in association with the Department of Geology, Central University of Karnataka, Kalaburagi, through KSCST Regional Center, Kalaburagi, as part of an awareness program towards earth protection in a sustainable way.

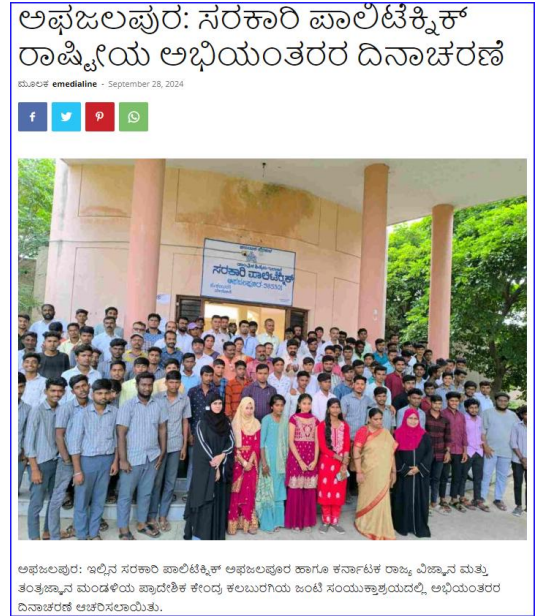


- BKIT Bhalki celebrated National Technology Day on 24th May 2024 in collaboration with KSCST Regional Centre, Kalaburagi, with the theme 'From Schools to Startups: Igniting Young Minds to Innovate'. Organised two competitions: a Spot-Technical Talk on May 23rd and a Poster Presentation on May 24th, both focusing on technology and innovation. A total of 54 students participated.

- World Environment Day was celebrated at Karnataka Public School (KPS) in Aurad (B), Kalaburgi, in collaboration with the KSCST Regional Centre, Kalaburagi and the Karnataka Knowledge Science Committee on 5th June 2024 on the theme 'Land Restoration, Desertification and Drought Resilience'. The event featured environment conservation competitions for students, with prizes awarded.

- Organized online technical sessions to the farmers of Kalaburagi district on "Groundwater Recharge Techniques" on 11th June 2024. More than 200 farmers have participated online.

- Celebrated National Space Day on 23rd August 2024 at Dr. Channabasaveshwar Gurukul, Science Composite College, Kardyal, Bidar District and organised Science and Space Technology Quiz competition for 660 PUC students
- Organized a quiz competition on the theme "Engineering Solutions for a Sustainable World" for students of Government Polytechnic College, Afzalpur, Kalaburagi district on 20th September 2024 as part of the National Engineer's Day celebration.
- Organized a One-Day Workshop on "Health, Hygiene, and Nutritional Importance among Women and Children" for 220 members of ASHA community health workers on 27th September 2024 at the District Health Office Meeting Hall, Yadgir, in association with the District Health and Family Welfare department, Yadgir District.
- Organized a One-Day Workshop on " Mathematics Mastery: Teaching Techniques for High School Educators" on 29th October 2024 in association with the District School Education Department at the Koppal District for the 160 High School Teachers of the same district.



**Proposals Submitted:**

- KSCST submitted a CRC project proposal to the Registrar VTU and Dean R&D titled "Center of Excellence for Hydrogen Production, Storage, and Fuel Cells Research" on 30th June 2024 in association with VTU faculty.
- KSCST jointly submitted a CRC project proposal to the Registrar VTU and Dean R&D titled "Solar PV-Emulated Lab-Scale Green Hydrogen Generation with Integrated Energy Storage" on 12th July 2024 in association with VTU faculty. The PI and Co-PI presented this shortlisted proposal to the selection committee on 29th July 2024 at VTU Nagarabhavi Campus.
- KSCST RCK submitted the DST-NCSTC division project proposal titled "Science Communications for Soil and Water Conservation in the Kalyana Karnataka Region for Sustainable Agriculture" on 31st July 2024. PI presented this shortlisted project proposal before the APEX Advisory Committee meeting on 24<sup>th</sup> September 2024 at IIT Hyderabad, Telangana.



**Executive Committee: For Information**