

Winner of eYIC 2019-20 : Position in Top 6 Best projects

Physiotherapy portable cervical joint assessment device with feedback system

developed by a team of following KJSCE students has bagged a position in the Top 6 Best projects in the National finals of eYantra Ideas Competition held online on July 10-12, 2020.

Team Members

Shrey Shah - LY EXTC

Arjun Patel - LY EXTC

Bharati Nadar - LY EXTC

Abhishek Kansara - LY ETRX

These students have worked under the guidance of faculty members, Prof Anjali Puntambekar and Prof Mugdha Oberoi from KJ Somaiya College of Physiotherapy along with Prof Arati Phadke as a mentor from KJSCE.

Brief about their project:

This game based solution, developed as a device, helps physiotherapy doctors while they treat patients with cervical problems.

While the games in the device entertain and motivate the patients for exercise, the device simultaneously collects data which gives fairly accurate feedback and indications of the progress of the patient to the doctor.

Students also have attempted to use the sensor module for exercises to knee and such other joints.

About competition:

eYantra Ideas Competition (eYIC) is a nationwide competition held by eYantra Lab IIT Bombay every year. The focus of this competition is to encourage innovation amongst the engineering students across the country.

Students are required to propose and develop innovative ideas that have the potential of further getting converted into a product / service.

About eYIC 2019-20:

The organisers received 321 project proposals, from which 136 projects were selected to implement their ideas and submit a demonstration video and code.

After continuous reviews by the IIT team, 49 out of these were selected for regional finals.

From 5 regional finals conducted across India, 21 teams were selected for the final showcase during National Finals held online.

**Top 6 were awarded prizes; KJSCE team being one of the 6 teams.
Heartiest Congratulations to the team!**