

# Pravega

Indian Institute of Science, Bangalore

## 1 Who are we?

Pravega is the annual program organised by the undergraduate students of Indian Institute of Science, Bangalore since 2012. Pravega is made up of many technical and cultural events that attract participants from all over India. Some of our main science events are the Pravega Innovation Summit, Hackathons (With a varying theme every year), Quizzes and various other fun competitions that bring out the scientists in us. This year, Pravega will be held from January 30<sup>th</sup> to February 2<sup>nd</sup>. If you'd like to know more, please do visit our webpage [here](#).

## 2 What's hapenning this year?

This year we plan to have a 24hr In-house Hackathon with a theme based on Health Care. There are enormous health problems in India and we believe that one's life will be good only if he/she has a healthy body. Some of the tentative themes that we have decided for our hackathon are -

1. Using AI based methods to plan treatments that is detect symptoms from machine data and plan appropriate steps for the solution.
2. Using methods like virtual reality to ensure that a minimum number of doctors can effectively reach a large number of people.

## 3 Past Hackathons

In 2019, we had partnered with IBM to organise a Hackathon during Pravega. The problem for this competition was to classify news article as reliable or not based on the sample training data given to the participants. The teams were selected through a preliminary online round, and the selected people attended a workshop before the event began. The Hackathon was held over 2 days.