



One-Year Fellowship in Advancing Undergraduate Science Education

Center for Advancement of Research Skills

Dr. Reddy's Institute of Life Sciences

University of Hyderabad Campus

Hyderabad, Telangana

Web: www.drils.org | Email: cars@drils.org

With an aim of **improving and enhancing undergraduate life sciences education** in the Greater Hyderabad region, the Center for Advancement of Research Skills (CARS) at Dr. Reddy's Institute of Life Sciences (DRILS) is announcing a one-year fellowship to mentor and support one position for the academic year 2019-20. The role of the fellow will involve design, execution, communication, and documentation of training and educational programs and events for students and teachers. The focus will be on life sciences, including chemistry and the interface of biology and chemistry. Local travel and occasional outstation travel will be required.

The primary objective underlying the Fellowship is empowerment of undergraduate teachers by providing support to them in implementing high quality hands-on and minds-on activities in their classrooms/labs. The Fellow will be a key player in a support system benefiting many teachers. The Fellow will be mentored to blend research experiences with recent developments in the scholarship of teaching and learning.

The fellow will work closely with [Dr. Anil Kumar Challa](#), visiting scientist at DRILS and adjunct professor at the University of Alabama at Birmingham, USA. The fellowship will also offer opportunities to work in biology education research (BER), in collaboration with international leaders in the field. This opportunity offers experiences that will potentially result in BER publications and advancement of skills useful in pursuing doctoral/postdoctoral work in BER or in experimental research.

Eligibility and Requirements: Master's Degree (within the last two years) in any area of life sciences with a rich laboratory research experience, deep interest in science education, ability to communicate clearly, and enthusiasm to work with students and teachers. Interested recent PhDs with a serious interest in undergraduate education may also apply.

Desired: Fluency in Telugu

Fellowship duration: One year beginning in May/June, 2019

Applicants need to send their vita and a two-page statement summarizing their interest in teaching & research by **15 May, 2019**. Shortlisted candidates will be asked to send a short video (3–5 minutes) on the topic "an example of an engaging and exciting undergraduate biology education/degree program".