



## Sample Problems for Open Category

The following are some of the sample problem statements that can be used in open category, while we encourage you to come up with your own problem statement

- Design a cost effective device for safety of women in cities which helps them in their self-defence and also alert others to save them. (The most pressing problem in India)
- Propose a solution to feed the hunger by untouched food which is left over in large amounts in every city of India. (The most pressing problem in India)
- To propose a solution for reusing the treated water in your hostels, the solution should be cost effective and efficient
- Design a device which transmits carrier's location to a receiver's Android application for the safety of Children in India.
- In a village, the only source of drinking water is ground water where salinity is very high. Propose a sustainable solution which is economical.
- Low cost diagnostics (at primary centres) and referral in cases of better attention/specialized treatment needs
- Timeline

Idea Proposal (give a link to the <a href="#">Idea Proposal</a> section)	January 10 <sup>th</sup> , 2016
Mentorship Kicks off! (give a link to the <a href="#">Mentorship</a> section)	20 <sup>th</sup> January OR as soon as your idea is selected (whichever is earlier).
Submission of final report	7 <sup>th</sup> February, 2016
Presentation in Apogee, technical festival of BITS Pilani (give a link to the <a href="#">Presentation</a> section)	February 25 <sup>th</sup> – 28 <sup>th</sup> , 2016
Implementation Phase (give a link to the <a href="#">Implementation</a> section)	Based on the preferences of the organization (if providing an internship) and student