

Eligibility Criteria

1. WHO CAN APPLY

The concepts may be received from undergraduate and postgraduate students with a mentor from the same Institution. The team of students applying from a particular institute would be encouraged, though not mandatory.

2. BROAD PARAMETERS THAT DEFINE A CERTAIN WORK AS 'SYNTHETIC BIOLOGY'

INCLUSION CRITERIA

Rational design of biological components that include construction of standard parts (DNA, RNA, Protein), devices (modules e.g. operon, transcription factor complex) and circuits (pathways/networks).

EXCLUSION CRITERIA

Standard molecular biology studies that do not map to the rational design approach

3. APPLICATION CRITERIA

-Maximum of 5 member team, including a mentor with credible experience. Overall Budget should not exceed ₹ 10.00 lakhs comprising Consumables, Registration Fees and Travel head. Additional funds, if required need to be arranged from other sources/institute

-Proposal based on pre-existing iGEM parts.

4. SHORTLISTING PROCESS

Teams will be invited to submit full proposals. Due consideration will be given to the extent of *non-obviousness* and *potential applications* emerging from the proposed work.