

iGEM - ACM HACKATHON

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BIO-CSE Integration

- Educational Web App targeting school students
- Can be developed into Mobile App as well

AI - The future

- Our web app uses advanced machine learning algorithms and APIs.
- Due to unavailability of a data set regarding Biosynthesis, we created a data set of question and answers.

I'mBrickBot

- Uses AI to answer basic questions regarding iGEM's "BioBricks" and "RiboSwitches"

DEEP LEARNING

- We have used *API.ai* to actually implement the chat bot, which runs “recurrent neural networks” in its background.
- We have trained the bot to be domain specific, narrowed down to “BioBricks” and “Riboswitches”

EASY AND LUCID

- The bot is under learning phase.
- We have trained the bot using quora, wiki, stack overflow, etc,.

FRONT-END

- CSS3
- HTML5
- BOOTSTRAP
- Fun and engaging to all age groups :)

THANK YOU

- It has been a learning experience for us.
- Thank you :)

Arise Awake and Stop not till the goal is reached.

- Swami Vivekananda.

- K.SASHANK
- P.VIJAY VIGNESH
- CSE - C, SVCE.