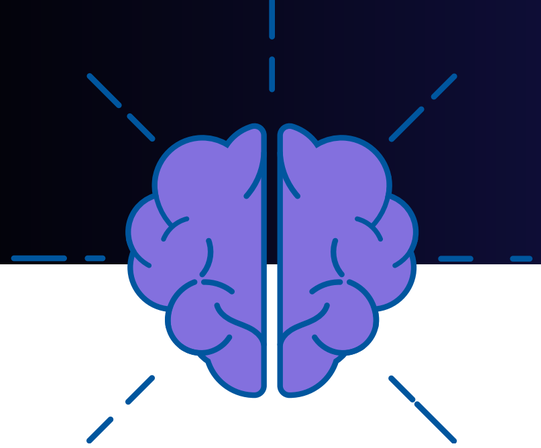
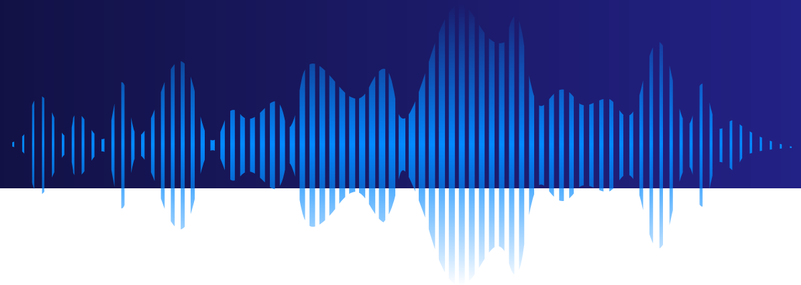
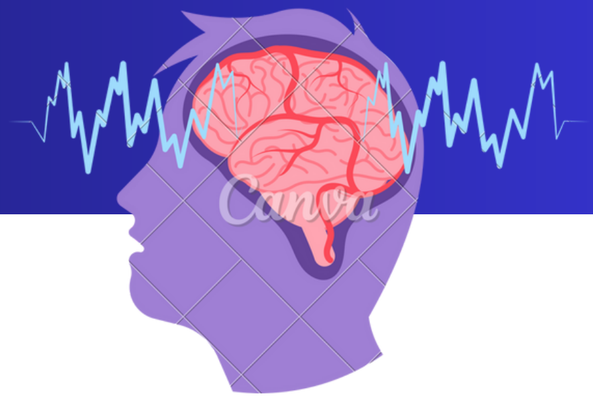




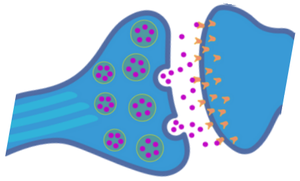


Unleashing the Power of Personalised Brainwaves for Peak Productivity

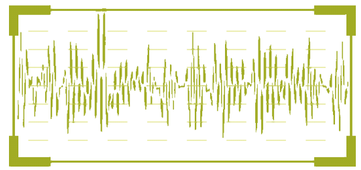
Presentated by NeuroPi

Dev Saran Sujan (Computer Science)

Team Members



Madhavi Nibauria (Cognitive Science)

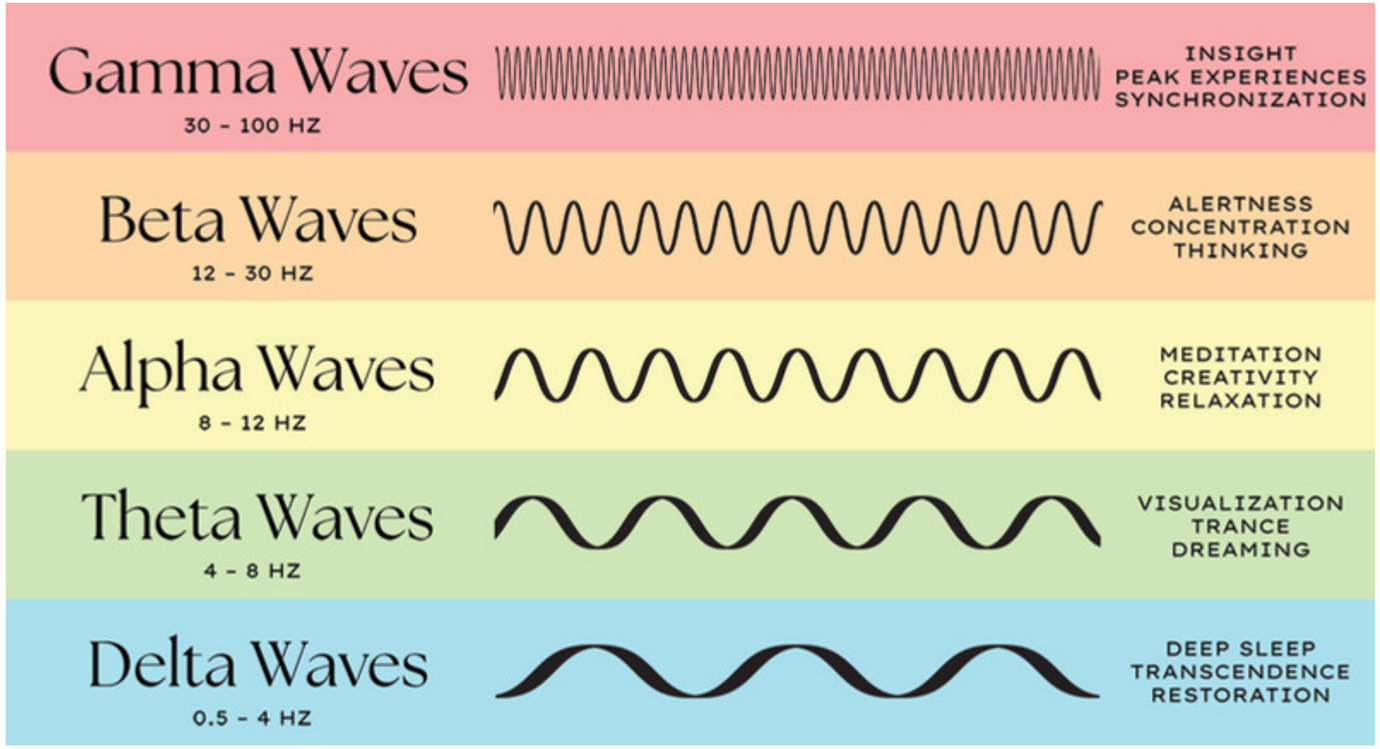


Shreya Satsangi (Physics)

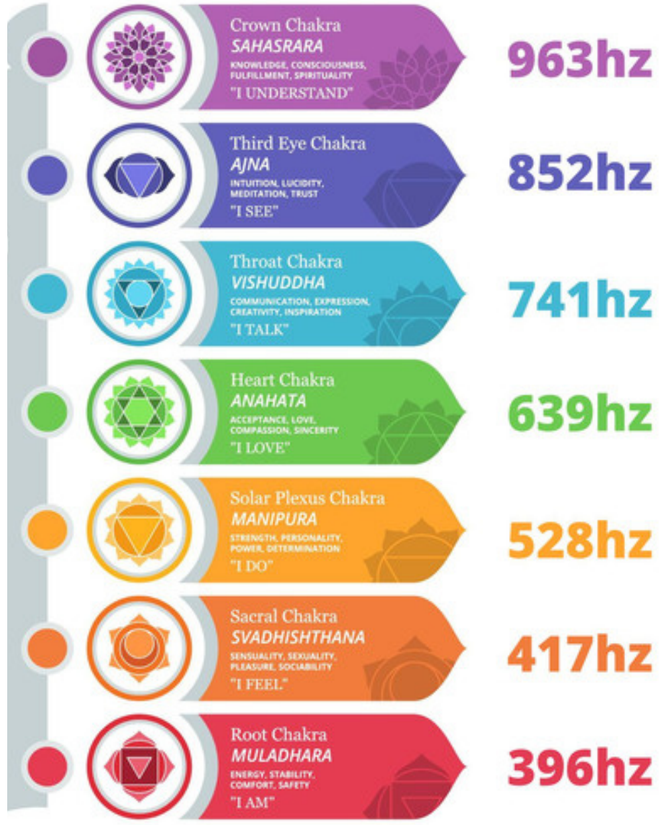
Brain waves

Personalised frequency for different productive work like,

1. Meditation 2. Studying 3. Sleep



Binaural-beats



Solfeggio-Frequencies

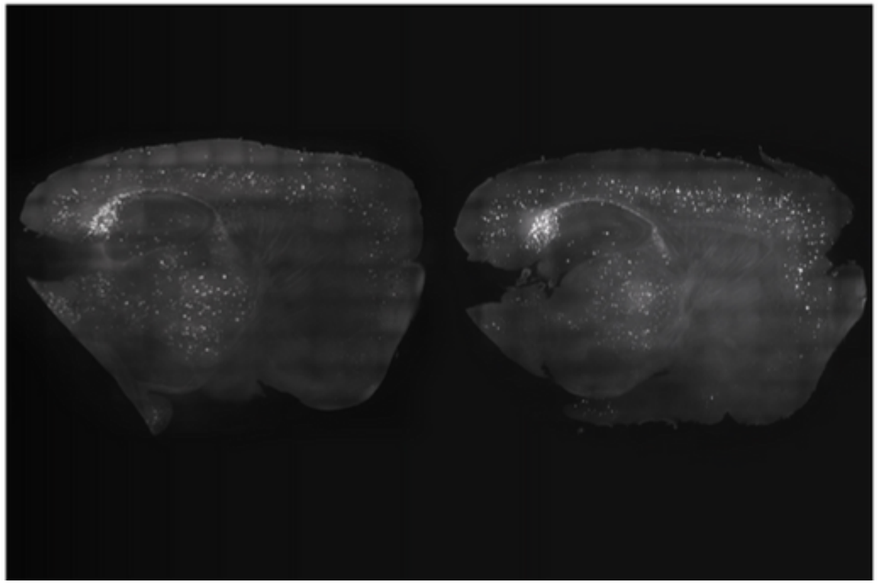
Contribution to Community

Brain wave stimulation may improve Alzheimer's symptoms

Noninvasive treatment improves memory and reduces amyloid plaques in mice.

Anne Trafton | MIT News Office
March 14, 2019

PRESS INQUIRIES



By exposing mice to a unique combination of light and sound, MIT neuroscientists have shown that they can improve cognitive and memory impairments similar to those seen in Alzheimer's patients. At left, the mouse cortex shows a reduction in amyloid plaques following visual and auditory stimulation, compared to the untreated mouse at right.

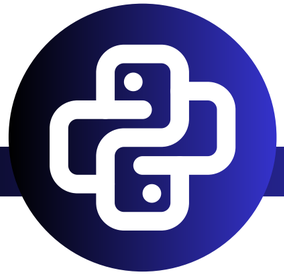
Image: Gabrielle Drummond

- Empowering students to take control of their academic success.
- Assistance with Insomnia and Sleep-related Problems.
- Managing Neurodegenerative Disorders and Enhancing Well-being.
- Unlocking creativity and flow states for artists, writers, and entrepreneurs.

Execution

Data Collection

1. **Initial Assessment**: Capture baseline brainwaves (EEG), understand needs (psychometric tests), and lifestyle factors (sleep, stress, environment).
2. **Personalized Frequency :** Using our software to detect frequency suitable for your desirable state
3. User Friendly:- Easy to use and set up so can be easily implemented by simple microcontroller and basic electrodes.



Python Coding

Capturing data through arduino for eeg and performing analysis on it seems difficult . With our software there are many prebuilt tools in our software which can be helpful for community development as python is the most learned language

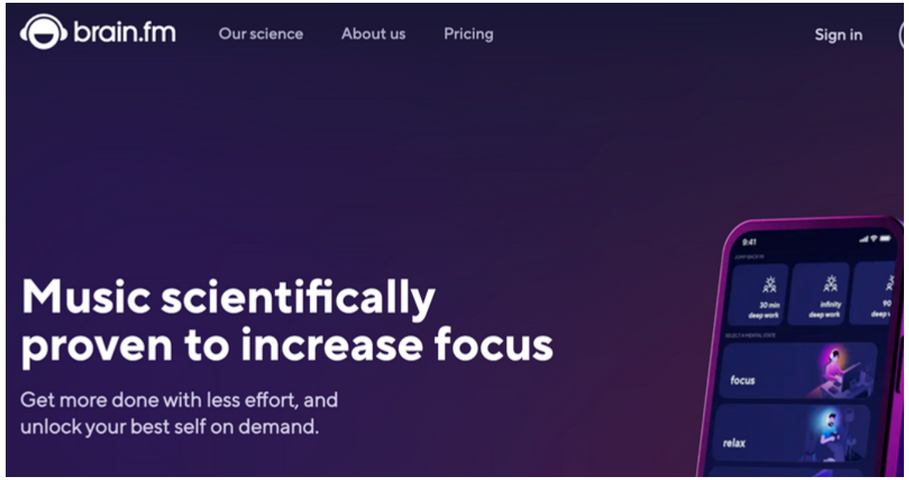
Spotify Intergration

Integrating it with spotify opens a new window of recognising user interest in music and can be used by a user to hack his brain into productivity.

Youtube Video Link

Future Plans

- Including Solfeggio-frequencies to give user different other musical healings
- Generating our own music for the user. Gradual increase of frequency.
- Our mission is to help people around the world unlock their full potential. brain.fm has already grown to support users in all aspects of people's lives, we will help such companies to enhance their music, we agree with Brain.fm that different brains have different needs, and that understanding a person is key to helping them. Thus understanding one's particular focus frequency is important.
- Authentic user feedback for music or ott streaming services like Netflix, Spotify etc.



Conclusion

To sum up, introducing this advanced device is a big step toward **personalised productivity**. Its unique features and customised solutions could change how people handle their everyday tasks. This device has the potential to revolutionise the way individuals manage their responsibilities.