

NOC:How the Brain Creates Mind - Video course

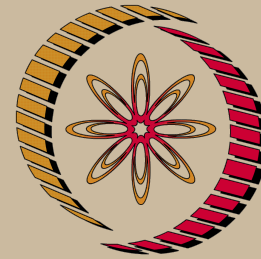
COURSE OUTLINE

This course intends to introduce the human brain and its processes especially with regards to electrochemical activity, the issues of mind and consciousness. It also indicates towards further possibilities of research.

Anyone with an interest in Human brain can join. Just a basic understanding of Brain would suffice. It should be useful for students of Neurosciences, Psychology , Medical and people working at brain computer interface.

COURSE DETAIL

Week	Topics
1.	Brain to Mind-- and how do we know it-- (essentially single neuron to multiple) Brain and gross specialization --- areas , right-left , association ,connectivity and our tools to learn including EEG
2.	Being Conscious -- Dynamics --- how do we learn about it from EEG
3.	Cognition,Memory,Emotion -- Normal and Pathology .
4.	Sleep Brain and Future-- with interactive session



NP-TEL

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<http://nptel.ac.in>

Humanities and Social Sciences

Pre-requisites:

Should watch the course links mentioned below

<http://nptel.ac.in/courses/109104029/>
Biological basis of Behaviour-Prof.Braj Bhushan

<http://nptel.ac.in/courses/109104082/12>
A Beautiful Mind-Dr.Alok Bajpai

Coordinators:

Alok Bajpai
Consultant Psychiatrist

