E-Content

NPTEL
National Programme on Technology Enhanced Learning

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About NPTEL

Live Online Courses beginning Jan 2013
NPTEL provides E-learning through online Web and Video courses in Engineering, Science and humanities streams. The mission of NPTEL is to enhance the quality of Engineering education in the country by providing free online coursework.

A Joint Initiative of the IITs and IISc

New Courses
Analytical Techniques in Biotechnology - Video (14 Nov 2013)
Parallel Computing - Video (14 Nov 2013)
Processing of non-metals - Web (13 Nov 2013)
Chemical Technology I - Web (12 Nov 2013)
Environmental Engineering - Web (12 Nov 2013)
Nanophotonics - Web (12 Nov 2013)
Semiconductor Device Modelling (SDE-306) - Web (12 Nov 2013)
Soil Dynamics - Web (12 Nov 2013)
Urban transportation planning - Web (12 Nov 2013)
Cell Biology - Web (12 Nov 2013)
Organizational Behaviour - Video (11 Nov 2013)

VIRTUAL LABS
An Initiative of Ministry of Human Resource Development (MHRD) Under the National Mission on Education through ICT

Name of Lab
Broad Area

PARTICIPATING INSTITUTES

IIT DELHI
IIT BOMBAY
IIT KANPUR
IIT KARACHI

Objectives of the Virtual Labs:
- To provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.
- To entice students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.
- To provide a complete Learning Management System around the Virtual Lab which will include the tutorial, video lectures, lab notes, assessment and many other resources.

Consortium for Educational Communication, India

OBJECTIVES
SUMMARY
VIDEO / AUDIO

Transcript
2. Phases of fruit development:
Physiologically and biochemically, fruit development can be divided into four phases, that are fruit set, phase of cell division, phase of cell elongation and fruit ripening.
Fruit set
This phase includes ovary development in the flower, and following anthesis, a decision to abort or proceed with further development. Fruit set is...
Aakash 2Tablet @ 50$
Challenges & Road Map

- Bringing technology enabled learning to the core of teaching methodology.
- Adoption of online courses by conventional Universities and Credit Transfer.
- Usage and awareness
- Stabilization of network
Thank You

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