CODE & PIXELS

Interactive Technologies Private Limited

COMPANY PROFILE

Registered with

GeM Government e Marketplace
Efficient • Transparent • Inclusive

NSIC National Small Industries Corporation
राष्ट्रीय लघु उद्योग निगम लिमिटेड

MSME
सूक्ष्म, लघु एवं मध्यम उद्योग
MICRO, SMALL & ENTERPRISES

TNV United Kingdom
AB-CAB ACCREDITED
TNV Certification UK Ltd.

NASSCOM MEMBER

ISO 9001:2015

SETWIN

CODE & PIXELS

About

Software Development is our Passion not just Our Business

About Us

❖ Code and Pixels Interactive Technologies Private Limited is a IT company with its headquarters in Hyderabad, providing **e-Content development and Custom software development Services** to industries in verticals such as **Defence BFSI**, **Transportation**, **Aerospace**, **Manufacturing**, **Energy**, **BFSI** and **Education**.

Departmnets

IETM DEVELOPMENT

- IETM , all Levels
- Web Application Develomnet
- EXE based Application

Content Engineering

- Computer Based Learning
- Training Aids
- Video Based Learnig

Software Development

- LMS and LCMS
- English Language Lab
- Smart Classroom Service

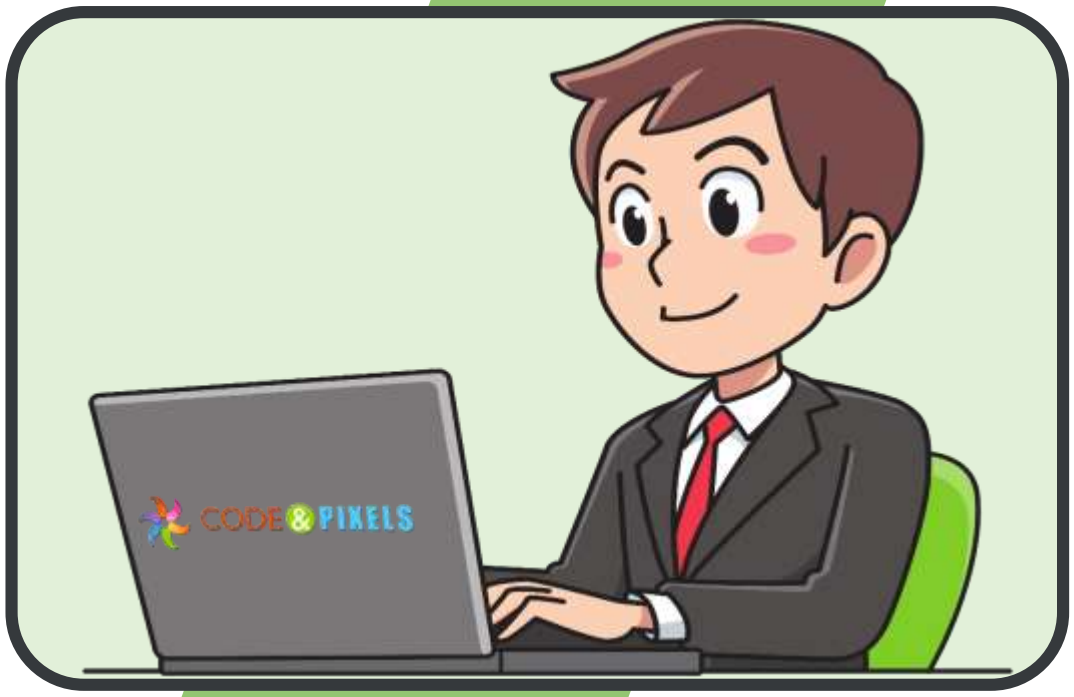
Mobile App Developmet

- Mobile Based Learning
- Customized App Developnet

Our Team

We have 50+ Members Professional Team Consists of :

- *IETM Programmers*
- *IETM - UI & UX*
- *Document Integrator*
- *QA & QC*
- *HTML/PHP developer*
- *Project Managers*
- *Content writers*
- *Instructional Designers*
- *Multimedia team*
- *Sales & Marketing team*



80+

Company owned building

CODE & PIXELS

Planet X - The Cafe

Planet X - The Cafe

CRE TIVITY
IS
INTELLIGENCE
HAVINGFUN

CREATIVITY
INTELLIGENCE
HAVINGFUN

2014.08.25 21:25

JUST

CODE & PIXELS
Celebrating
7
Years
of Excellence

Shot on OnePlus
By Jaswanth Bethala

Shot on OnePlus
By Jaswanth Bethala

CREATIVITY
INTELLIGENCE
HAVINGFUN

CODE & PIXELS

CODE & PIXELS

CIOReviewIndia

Recognizes

Digital Teacher

In Annual Roll of Honor
As one of the

"10 Most Promising Smart Classroom Solution Providers – 2019"

In commendation for their unbridled strive towards excellence and innovation in this field.

Sudhakar Singh
Editor
CIOReviewIndia

insightssuccess
The way of business solutions

Code & Pixels Interactive Technologies Pvt Ltd
is recognized by Insights Success magazine in

INNOVATIVE E-LEARNING SOLUTION PROVIDERS IN 2019

An annual listing of **"Innovative E Learning Solution Providers in 2019"** that are setting new standards for education and learning.

Pooja M. Bansal
Editor-in-Chief

Code & Pixels Interactive Technologies

recognized by siliconindia Magazine as

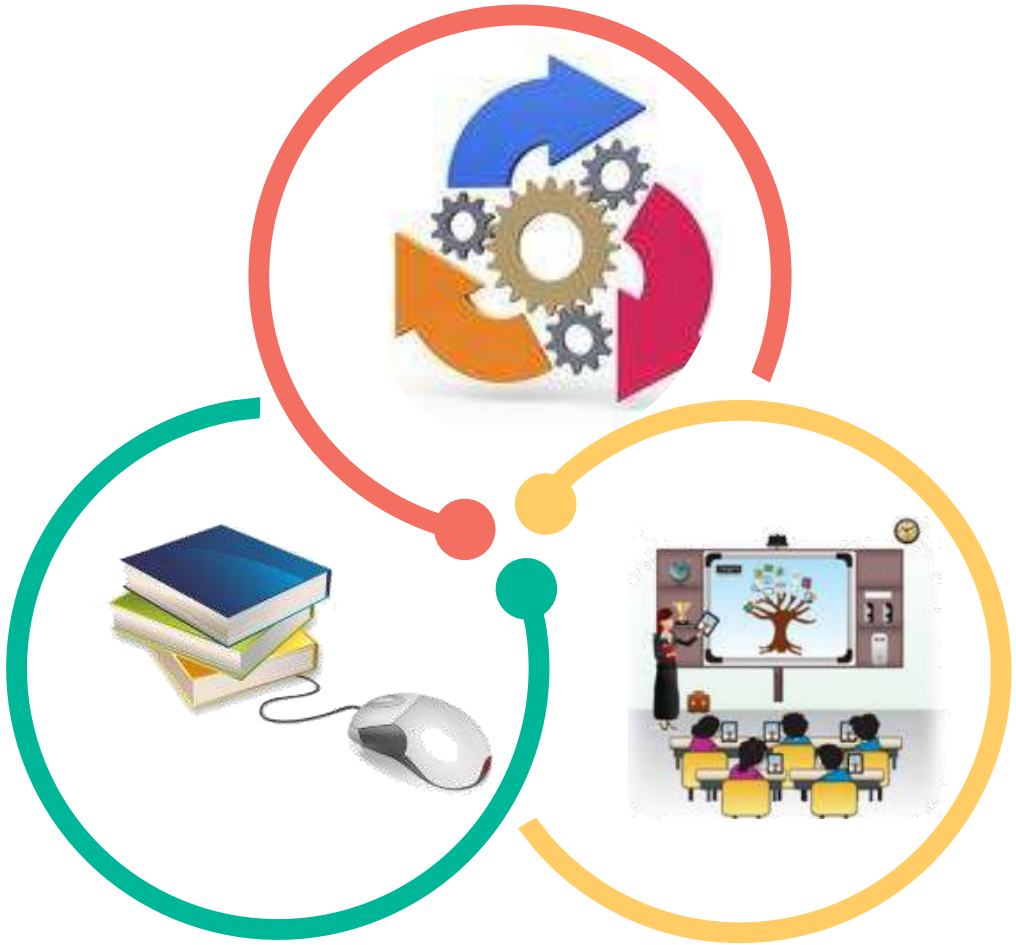
siliconindia 10 MOST PROMISING K-12 TECH Service Providers - 2017

This annual listing of 10 Most Promising K-12 Tech Service Providers represents not only the glory of companies offering quality & efficient technology services to the K-12 segment, but also recognizes businesses impacting the marketplace

Anamika Sahu
Managing Editor

Services

IETM



Content Engineering Services

& Software Development Service, Smart Classrooms

Code and Pixels at a Glance

Performance

- 100+ Customers across a broad spectrum of industries and sectors
- Excellent track record of Delivery
- Experienced Team
- Developed and Deliver 5000+ hours of custom learning content

Operations

- 80+ professionals in development team and 70 + sales team
- Well equipped Development centre in Hyderabad and sales offices across Telugu States
- ISO 9001:2015 Quality Certified

Happy Clients

AWARDS ARE GREAT, REFERENCES ARE AWESOME.. BUT WHAT IS MOST IMPORTANT TO US IS THAT OUR CLIENTS ARE HAPPY!

We measure our success

By our Client's Success

ABOUT THE COMPANY

CODE & PIXELS
Interactive Technologies Private Limited
Registered with: ISO 9001 : 2015 Quality Certified Company

Code and Pixels, an ISO 9001: 2015 company headquartered in Hyderabad employs the best talent in the industry with a range of specializations including Subject Matter Experts, Instructional Designers, Multimedia Specialists, Software Professionals and Consultants.

We are a specialist e-learning company, providing Simulation & Training Solutions, Content Engineering Services, Consultancy Services and IT Services to the Industry.

Universities

NMEICT
UGC University Grants Commission
INFLIBNET
AICTE
Pathshala पाठशाला
swayam
Jawaharlal Nehru University
University of Mumbai
Sri Ramachandra University
Avinashilingam University
National Institute of Nutrition
Tilak Maharashtra University
University of Madras
University of Calcutta
Anna University
INDIAN INSTITUTES OF PUBLIC HEALTH
University of Mysore
Prof. Jayashankar Agricultural University
University of Hyderabad
SNDT Women's University
Indian Statistical Institute
Gujarat University
University of Jammu
ndri
teri
The Energy and Resources Institute

BFSI, Defence and Government Organizations

State Bank Of India
SBI Life INSURANCE With Us, You're Sure
SBI MUTUAL FUND A PARTNER FOR LIFE
ANDHRA BANK
बैंक ऑफ़ इंडिया Bank of India
बैंक ऑफ़ बड़ौदा Bank of Baroda
केनरा बैंक Canara Bank A Government of India Undertaking
इंडियनऑयल IndianOil
DRDO
INDIAN RAILWAYS
NDCRTC NATIONAL DIGITAL CRIME RESOURCE & TRAINING CENTRE
इकाएक
आर सी आई
BrahMos
भारत इलेक्ट्रॉनिक्स BHARAT ELECTRONICS
सी डैक CDAC
ASL
रेलटेल RAILTEL
RailTel Corporation of India Ltd (A Miniratna Category - I Enterprise)
Army Air Defence College
MHRD Govt. of India
BHARAT DYNAMICS LTD (A Govt. of India Enterprise)
Sardar Vallabhbhai Patel National Police Academy
Rural Development of AP
Nimi
राष्ट्रीनिसं NIRD
Digital India Power To Empower

Corporates

Globarena Transforming Talent
TATA
Piramal
ANSA
LARSEN & TOUBRO
german cooperation
giz
Tally
Kirloskar
hitech HYDRAULICS
APTARA
एनटीपीसी NTPC
Josts Since 1907
talent sprint
integra
ENERTECH
TAFE Tractors India

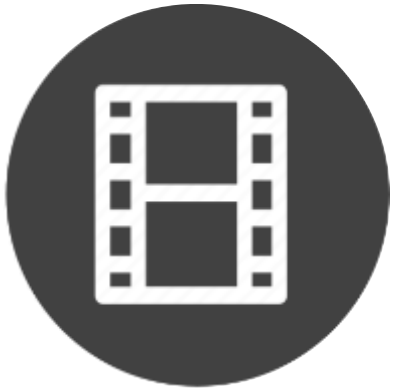
Partnering with the best to deliver exceptional quality & value

All logos, and brands of clients are property of their respective owners. All company, product and service names used in this brochure are for identification purposes only. Use of these names, logos, and brands does not imply endorsement.

CODE & PIXELS

CONTENT DEVELOPMENT

CBT



Video Films

HTML Based Courses

Virtual Labs

Banking and Financial Services

e-Learning Solutions

TOP & PREFERED VENDOR

FOR PAST 5 YEARS

- ✓ Working with state bank of india from past 4 years on design and development of 639 e-lessons, 572 e-capsules and 510 m-nuggets
- ✓ Working with State Bank of India for Design and Development of E-Lessons, E-Capsules and mNuggets. Our team parallely working with 5 SBI Apex Training Centers
- ✓ For BOB and successfully completed design and development of 25 courses in HTML 5

भारतीय स्टेट बैंक
State Bank of India

SBH Modern Innovative Dependable
State Bank of Hyderabad

SBI Life INSURANCE
With Us, You're Sure

SBI MUTUAL FUND
A PARTNER FOR LIFE

बैंक ऑफ़ बड़ौदा
Bank of Baroda

ANDHRA BANK

बैंक ऑफ़ इंडिया
Bank of India

Canara Bank

Tools : HTML5, Adobe Flash, Captivate, Storyline, Lectora

Empaneled vendors to develop e-Content for all the mentioned Banks

Prior Experience / Current Projects

भारतीय स्टेट बैंक
State Bank of India

✓ Our team parallely working with 5 SBI Apex Training Centers, consisting of

State Bank Staff College, Hyderabad

State Bank Institute of Information and Communication, Hyderabad

State Bank Academy, Guragon

State Bank Institute of Rural Development, Hyderabad

State Bank Foundation Institute – Chetana, Indore

Prior Experience / Current Projects

SBI MUTUAL FUND
A PARTNER FOR LIFE

- ✓ Design and Development of eLearning Modules for SBI Mutual Fund, Mumbai.

CODE&PIXELS

Prior Experience / Current Projects

SBI Life INSURANCE
With Us, You're Sure

Prior Experience / Current Projects

- Design and Development of eLearning Modules for Andhra Bank.
  - Understanding the Training needs
  - Designing the Storyboard in consultation with SME
  - Development of Media Elements and integration of eLearning Lessons as per the SBI Standard guidelines.
  - Final approval by SME and deployment and packing into LMS version.

- Design and Development of eLearning Modules for Bank of Baroda & Canara Bank
  - We are empaneled vendors for BOB and successfully completed design and development of 25 courses in HTML 5

CODE & PIXELS

Government Sector

e-Learning Solutions

Design and Development of eLearning Training Courses on various subjects for Government officials. Also, Provided PPT Presentations, Mobile Apps, Scenario based Simulations etc…

Digital India
Power To Empower

GOVERNMENT OF ANDHRA PRADESH
सत्यमेव जयते

सी डैक
CDAC
CENTER FOR DEVELOPMENT OF ADVANCED COMPUTING

NDCRTC
NATIONAL DIGITAL CRIME RESOURCE & TRAINING CENTRE

राग्रानिसं
NIRD

इंडियनऑयल
IndianOil

Tools : Java, C, C++, PHP, Adobe Flash, Captivate, Storyline, After Effects, PPT

Developed various multimedia traing courses

CODE & PIXELS

We have done Training Video Films on ECIL Voting equipment's for polling staff

- **EVM with VVPAT - M1**
- **EVM With VVPAT – M1 Multipost**
- **EVM with VVPAT – M2** First Level Checking(FLC) & Sealing, Distribution, Polling & Commissioning (SDPC)
- **EVM with VVPAT M3** – (FLC,SDPL)

Electronics Corporation of India Limited

A Govt. of India (Dept. of Atomic Energy) Enterprise

Registered Vendor

Corporates

e-Learning Solutions

APTARA

Kirloskar

TATA

Piramal

ANSA

integra

LARSEN & TOUBRO

Globarena
Transforming Talent

एनटीपीसी
NTPC

talent sprint

INSTITUTE OF Tally LEARNING

Tools : Adobe Flash, Captivate, Storyline, After Effects, Fusion, Maya.....

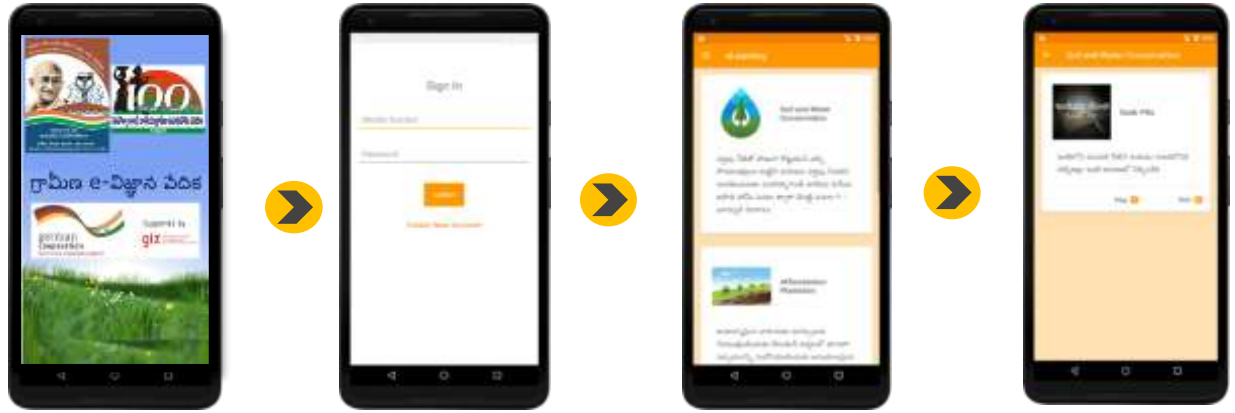
Developed various multimedia traing courses

Prior Experience / Current Projects

german cooperation
DEUTSCHE ZUSAMMENARBEIT

Implemented by giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

- ✓ Developed courses Andra Pradesh Rural development to strengthen capacity building activities
- ✓ Also Developed a Learning APP to reach Smart phone users easily



CODE & PIXELS

Piramal

Prior Experience / Current Projects

ANSA

Developing e-learning courses on various aspects of Glass Decoration and other process involved in production. Courses are uploaded in Skilldom LMS

Prior Experience / Current Projects

- **Design and Development of e-Learning Package on Core Values, Management and Effective Body Language**
  - ✓ Course shall contain chapter titled 'Introduction' that explains the course purpose as per SME/Coordinator from PMI.
  - ✓ Writing shall be factual, specific, terse, clearly worded, and simply illustrated, so that the user can understand.
  - ✓ Each course should have a self-running interactive content with navigation buttons at the bottom of the course window regarding the subject of the course.
  - ✓ There should be a self-assessment test after every course for the user.
  - ✓ There should be course ending assessment after the user goes through all the modules and corresponding assignments.

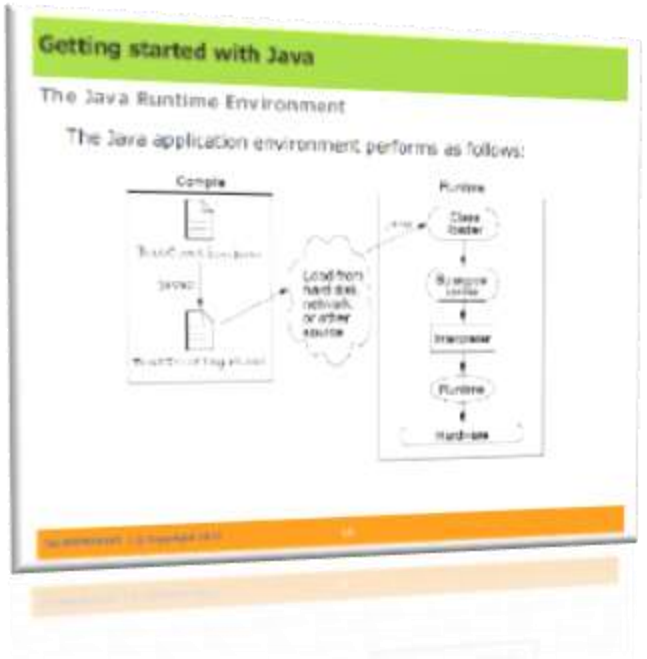
Prior Experience / Current Projects

Design and Development of eLearning Module on "Business Accounting using Tally.ERP 9 "

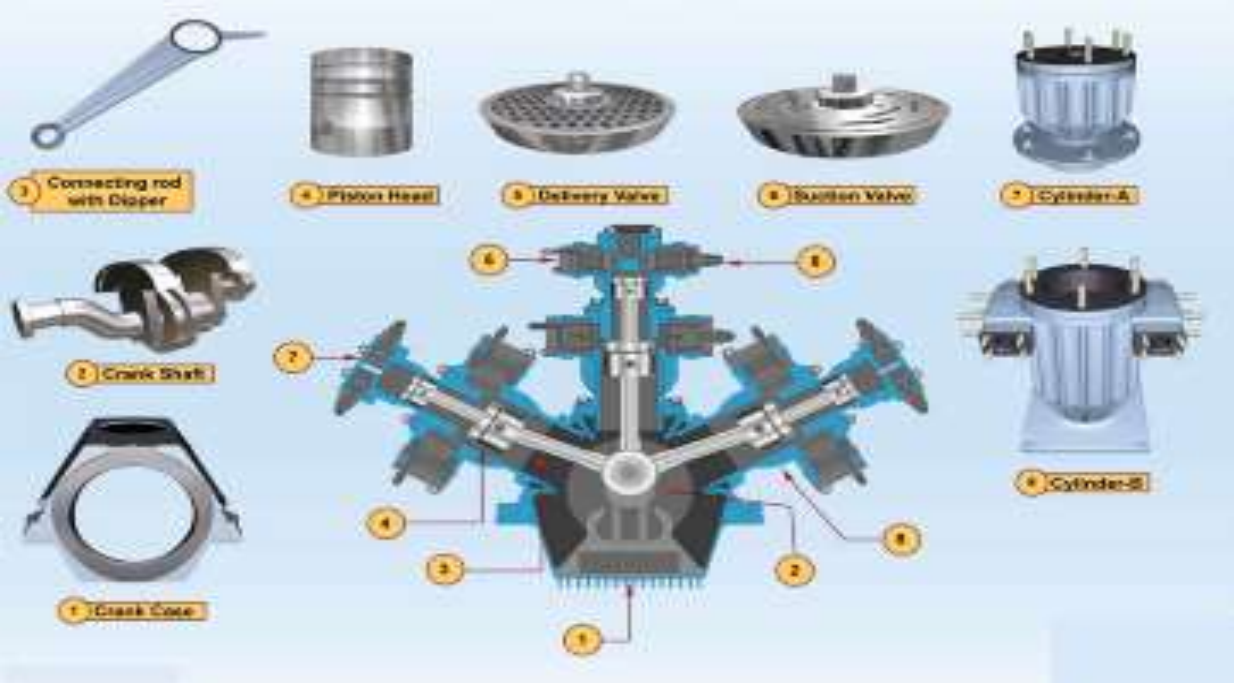
CBTS + MANUALS Required for training students of tally authorized institutes across India

Prior Experience / Current Projects

- ✓ Design, Standardization and conversion of Courses to Standard Book Format as per the given requirements of Talent Sprint.
- ✓ Understanding the document
- ✓ Designing and Standardization as per the standard guidelines of Talent Sprint.
- ✓ Final approval by Talent Sprint.



Other Training aids



CBT

- Operator
- Maintainer

Training AIDS

- CHARTS
- BLOWUP DIAGRAMS
- Training Brochures
- Technical Literatures
- Slides
- IETM

Delivered to DEFENCE labs

President Pranab Mukherjee on Sunday 9th july 2017 launched 'Swayam Prabha', a digital platform intent on revolutionizing education in the country.

SWAYAM is a programme initiated by Government of India. SWAYAM platform is indigenously developed by Ministry of Human Resource Development (MHRD) and All India Council for Technical Education (AICTE) with the help of Microsoft for plat form (LMS) and content by UGC empaneled vendors, and *Code and Pixels* Is one of the empaneled vendor

CODE & PIXELS

ePathshala पाठशाला

Learning Portal for Post Graduation courses

Initiative of:

- Design and Development of eContent Modules / Multimedia Works
  - ✓ Understanding the Training needs
  - ✓ Designing the Storyboards with the help of Content Writers / SME / PI's
  - ✓ Development of Media Elements and integration into final eContent Module
  - ✓ Review by PI's and UGC
  - ✓ Final version uploaded in ePG Pathshala Portal

1500+ LESSONS ARE UPLOADED IN PORTAL

e-Pathshala, Saransh, Shaala Siddhi Portals launched by Govt. of India on 07th November 2015 by Union Human Resource Development Minister Smriti Irani.

epgp.inflibnet.ac.in

Apps | Main Page | SBI_ID_HTML5 Conv... | SBI_ID_Status - Goo... | DT_KG,1,2,3,4,5_Stat... | GK_01_BBS - Google... | Accounts 2015 - Go... | HRR_02_ATTENDA... | Accounts 2015 - Go... | Other bookmarks

ePathshala पाठशाला

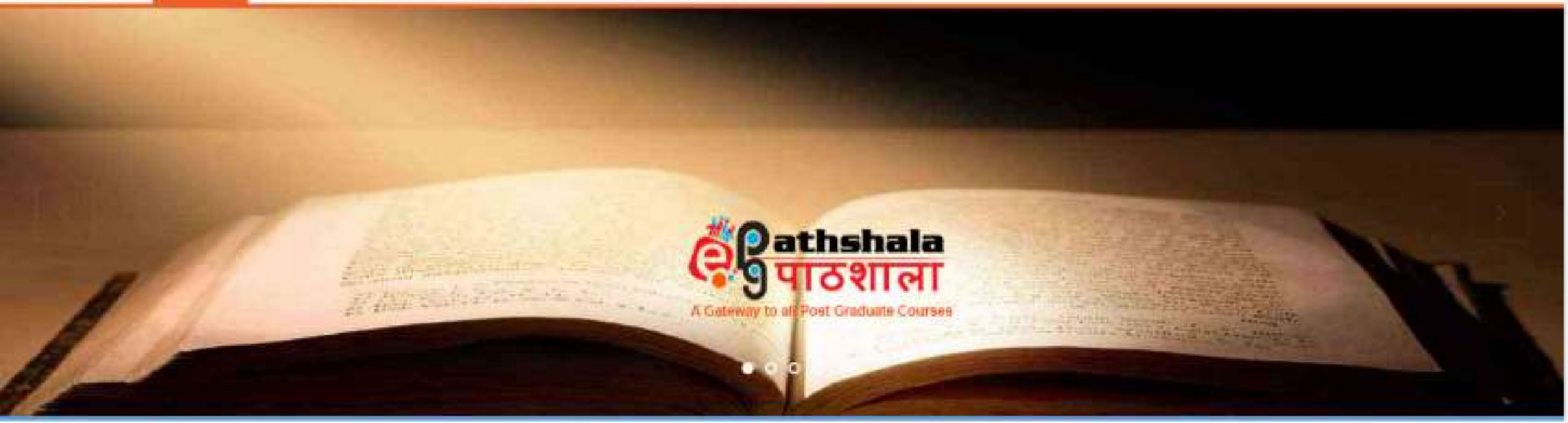
A Gateway to all Post Graduate Courses

An MHRD Project

National Mission on Education through ICT

(NME-ICT)

Home | Uploaded Content | Downloads | NME-ICT (MHRD) | Registration | Search | Stats | Contact Us | Feedback | Quiz



e-PG Pathshala

About

An MHRD, under its National Mission on Education

Subject Category

Search the web and Windows

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2/15/2016

CODE & PIXELS

MHRD
Govt. of India
सत्यमेव जयते

ज्ञान-विज्ञान विमुक्तये
UGC
University Grants Commission

e-Pathshala
पाठशाला

Developed 1500+ courses for Many Universities across India

University of Calcutta

हैदराबाद विश्वविद्यालय
University of Hyderabad

Avinashilingam Institute for Home Science and Higher Education for Women University
Seek and Ye Shall Find

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY

न हि ज्ञानेन सदृशम्
UNIVERSITY OF MYSORE

श्रीमती नाथीबाई दामोदर ठाकरसी महिला विद्यापीठ

S.N.D.T. Women's University
Shreemati Nathibai Damodar Thackersey Women's University

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

CODE & PIXELS

MHRD
Govt. of India
सत्यमेव जयते

ज्ञान-विज्ञान विमुक्तये
UGC
University Grants Commission

ePathshala
ई पाठशाला

Developed 1500+ courses for Many Universities across India

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

Jawaharlal Nehru University

SEAL OF RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

PANJAB UNIVERSITY 1947

CENTRAL UNIVERSITY OF RAJASTHAN 2009

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
शरीरमाद्यं खलु धर्मसाधनम्

CODE & PIXELS

MHRD
Govt. of India
सत्यमेव जयते

ज्ञान-विज्ञान विमुक्तये
UGC
University Grants Commission

Pathshala
पाठशाला

Developed 1500+ courses for Many Universities across India

FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

गुजरात युनिवर्सिटी
योगः कर्मसु कौशलम्।

टिळक महाराष्ट्र विद्यापीठ, पुणे
स्थापना - १९२१
विद्या बोधकरी यशः सुखकरी
विद्या गुरूणां गुरुः

राष्ट्रीय डेरी अनुसंधान संस्थान
NDRI

teri university

ndri

Prior Experience / Current Projects

MHRD
Govt. of India
सत्यमेव जयते

Digital India
Power To Empower

SAMARTHY ONLINE LEARNING PORTAL

NIRD

Digital India
Power To Empower
DIGITAL INDIA WEEK
Prokerala.Com

The Union Minister for Rural Development, Panchayati Raj, Drinking Water and Sanitation, Shri Chaudhary Birender Singh addressing at the launch of the ‘SAMARTHYA’, the Online Learning Portal (OLP) for MGNREGA, in New Delhi on July 03, 2015. -

The Union Minister for Rural Development, Panchayati Raj, Drinking Water and Sanitation, Shri Chaudhary Birender Singh addressing at the launch of the 'SAMARTHYA', the Online Learning Portal (OLP) for MGNREGA, in New Delhi on July 03, 2015.

*****

The Union Minister for Road Transport & Highways and Shipping, Shri Nitin Gadkari addressing at the inauguration of the "Smart Transportation Infra Summit & Expo 2015", in New Delhi on July 03, 2015.

CODE & PIXELS

- ✓ The Sardar Vallabhbhai Patel National Police Academy (SVPNPA), trains officers of the Indian Police Service, who have been selected through an All India based Civil Services Examination.
- ✓ We are developing training courses on various subjects of IPS training

- ✓ This Centre gives training to officers from State Police, CPOs and other LEAs of Central Government, Digital Forensic Experts of CFSL and State FSL, Judges and Prosecutors.
- ✓ The main objective of this Centre is to build capacity in the field of Cyber Crime Investigation and creating Master Trainers
- ✓ We are developing training courses on various Cyber crime, and forensic related courses

NDCRTC
NATIONAL DIGITAL CRIME RESOURCE & TRAINING CENTRE

सी डैक
CDAC
CENTER FOR DEVELOPMENT OF ADVANCED COMPUTING

- ✓ The Centre for Development of Advanced Computing is an Autonomous Scientific Society of Department of Electronics and Information Technology, Ministry of Communications and Information Technology, Government of India
- ✓ We are developing training courses Mobile forensic, Disc Forensic , Cyber crime investigation

Defence Sector

IETM & e-Learning Solutions

Electronics Corporation of India Limited
A Govt. of India (Dept. of Atomic Energy) Enterprise

भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS

BHARAT DYNAMICS LTD.
(A Govt. of India Enterprise)

BrahMos Aerospace

आर सी आई

Tractors India

Josts
Since 1907

ENERTECH
Continues to serve & grow with the Nation!!!

hitech
HYDRAULICS

RailTel Corporation of India Ltd
(A Miniratna Category - I Enterprise)

PBI

इंडियन डिफेंस
INDIAN DEFENCE

Design and Development of Interactive Electronic technical Manuals development

CODE & PIXELS

Design and Development of

Interactive Electronic Technical Manuals

CBTs, Video Films and Training Aids

CODE & PIXELS

IETM - Level III/IV/V

संविदा एवं सामग्री प्रबंधन निदेशालय (प्रोग्राम)
Directorate of Contracts & Materials Management (Programme)

दूरभाष / Tel : 040 - 2418 8076 / 8075

फैक्स / Fax : 040 - 2434 2803

E-mail : dcmmasl@asl.drdo.in

भारत सरकार, रक्षा मंत्रालय
Government of India, Ministry of Defence
रक्षा अनुसंधान एवं विकास संगठन
Defence Research & Development Organisation
उन्नत प्रणाली प्रयोगशाला
ADVANCED SYSTEMS LABORATORY
डॉ.ए.पी.जे. अब्दुल कलाम प्रक्षेपास्त्र संकुल
Dr. A.P.J. Abdul Kalam Missile Complex
कंचनबाग डाकघर, हैदराबाद - 500 058
PO Kanchanbagh, Hyderabad - 500 058

No. ASL/DCMM/VR/2017-18/08 Dated : 09-03- 2018

M/s Code & pixels Intercative Technologies Pvt.Ltd
D.No: 266, south end park ,Mansoorabad , L.B.Nagar, Hyderabad – 500068.India.

SUB : REGISTRATION OF FIRM AS APPROVED VENDOR

1. Reference your application for registration.
2. We are pleased to inform you that you have been registered as an approved supplier/ contractor to this Lab/Estt as per details given below:-

(a)	Registration No.	:	**ASL/DCMM/VR/2017-18/M8/21**
(b)	Date & Validity of Registration	:	**09 March 2018 up to 3 years**
(c)	Category of item/s for which registered	:	**Miscellaneous**
(d)	Registered as	:	**Service Providers**
(e)	Stores/Items/Services for which Registration granted	:	**IT enabled services**

3. The Director ASL reserves the right to cancel your registration at any time without notice on any of the following grounds:
   (a) Failure to observe, while tendering, the instructions given in tender form
   (b) Failing to quote in response to invitation to tender on three successive occasions
   (c) Failure to execute the contracts/supply orders satisfactorily
   (d) Rendering of false information in the application for registration/quotation
   (e) Any other grounds which in the opinion of the Director, render retention undesirable in public interest.
4. By registering your firm in our list we are not under any obligation to issue our tender enquiries to you each and every time. Enquiries will be issued depending upon the nature of procurement solely at the discretion of the Director, ASL, Hyderabad.
5. You are required to inform the Director in writing whether you or any of your partners/employees have/has close relations working with any DRDO Lab/Estt. This is for record only.
6. This registration will be valid for a period of Three years .
7. Any change in the Name, Address, Telephone No., E-mail, Proprietor and Constitution in case of partnership and New GST Number be informed to the Director ASL, Hyderabad for records.
8. Please acknowledge receipt.

(R. Venugopal, Sc 'G', DCMM)
For Director, ASL

CODE & PIXELS

IETM - Level III/IV/V

BHARAT DYNAMICS LTD.
(A Govt. of India Enterprise)

आर सी आई

BrahMos Aerospace

Electronics Corporation of India Limited
A Govt. of India (Dept. of Atomic Energy) Enterprise

CODE & PIXELS
Interactive Technologies Private Limited
HSL
Hindustan Shipyard Limited
Vizag
50 T BP Tugs
S1000D (IETM Level -4)

IETM Level - 5

(JSG 0852: 2001)

NOVA INTEGRATED SYSTEMS LIMITED
A TATA ENTERPRISE

TATA

Surface Surveillance Radar (SSR)

CODE & PIXELS
Interactive Technologies Private Limited
आर सी आई
Medium Range Surface to air Missile
- Indian Air Force
MRSAM (IAF)
IETM Level - 4 (JSG 0852: 2001)

Tractors India

Rough Terrain Hydraulic Crane (RT 760)

IETM Level -4

(JSG 0852: 2001)

CODE & PIXELS

Interactive Technologies Private Limited

CODE & PIXELS
Interactive Technologies Private Limited
Marine Electricals
50 T BP Tugs
S1000D (IETM Level -4)

CODE & PIXELS

Akash Weapon System

IETM Level - 3

(JSG 0852: 2001)

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IETM Level -4

LARSEN & TOUBRO

Indian Navy

IETM Level -4

IETM CMS P71
Module - I
Module - II
Module - III
Module - IV
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CODE & PIXELS

DRDL -Astra – Technical Documentation

IETM Level -4

CODE & PIXELS

IETM Level -4 – s1000d

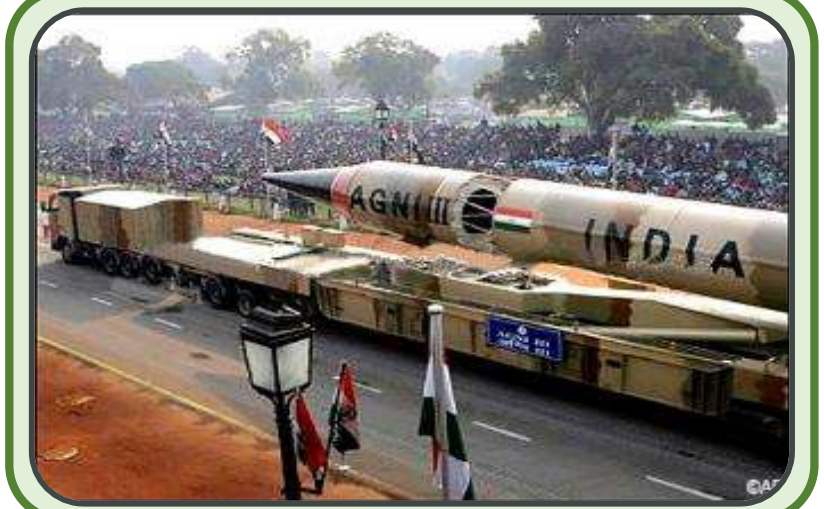
ATL

ANANTH TECHNOLOGIES LTD.

INDIAN ARMY

IETMs of Level 3 and Level 4

AKASH



AGNI

BRHMOS

Our IETM Client Base

L&T - BRAHMOS NAVY IETM

TATA - NAVY IETM

RCI
- Medium Range Surface to Air Missile (MRSAM) IETM

BDL - AKASH MISSILE IETM

POONA BEARING
- Missile Handling Trolley (MHT) IETM

POONA BEARING
- Missile Handling Trolley Vehicle (MHTV) IETM

HITECH HYDRAULICS

-Missile Tranportation Vehicle (MTV) IETM

HITECH HYDRAULICS

- Akash Tent Vehicle (ATV) IETM

TIL

- Transport Cum Loader Vehicle (TLV) IETM

TIL

- Akash Auto Crane (AAC) IETM

ECIL

- Mobile System for Missile Checkout (MSMC) IETM

ECIL

- Combat Command Control Centre (CCC) IETM

TATA

- Akash Army Luncher (AAL) IETM

TATA

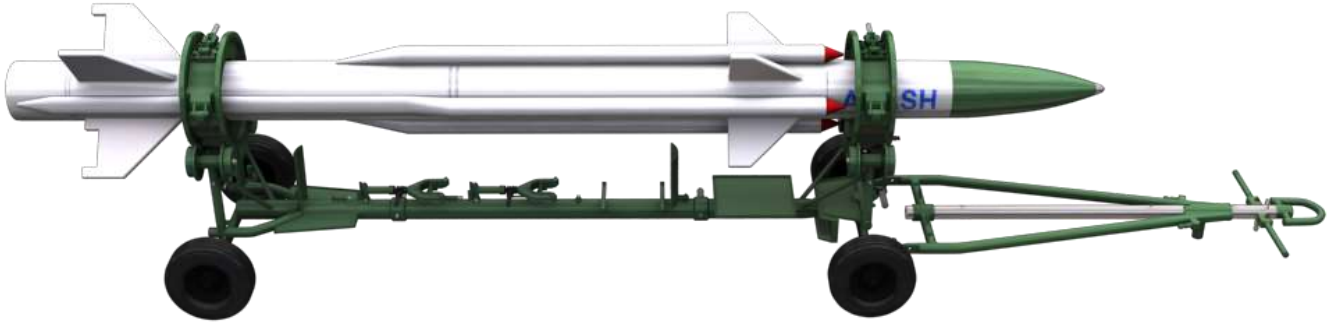
- Mobile Luncher Repair Station (MRLS) IETM

CODE & PIXELS

INDIAN DEFENCE

IETM

AKASH MISSILE
and
SUB SYSTEMS



BHARAT DYNAMICS LTD.
(A Govt. of India Enterprise)

ADVANCED SYSTEMS LABORATORY (ASL)

Road Mobile Launcher (A-1 and A-2) for Agni Missile System

BrahMos Aerospace

CODE & PIXELS

IETM Level -3

TATA

LARSEN & TOUBRO

CODE & PIXELS

TATA

LARSEN & TOUBRO

IETM Level -3

CODE & PIXELS

Mobile System for Missile Checkout (MSMC)

ECIL

Electronics Corporation of India Limited

A Govt. of India (Dept. of Atomic Energy) Enterprise

Registered Vendor

Integrated Air compressor and Storage Facility Vehicle (IACSF)

Kirloskar

PBI

Poona Bearings India Limited

Missile Handling Trolley Vehicle

IETM

ENERTECH

ENERTECH

Continues to serve & grow with the Nation!!!

Mobile Communication Terminal (MCT-MKIII)

TL Tractors India

Transporter Cum Loader Vehicle (TCLV)

IETM

Josts

Since 1907

CODE & PIXELS

IETM & Training Aids

INDIAN DEFENCE

hitech HYDRAULICS

Missile Transportation Vehicle

Search Radars and Projectile & Regiment Formations

Army Air Defence College

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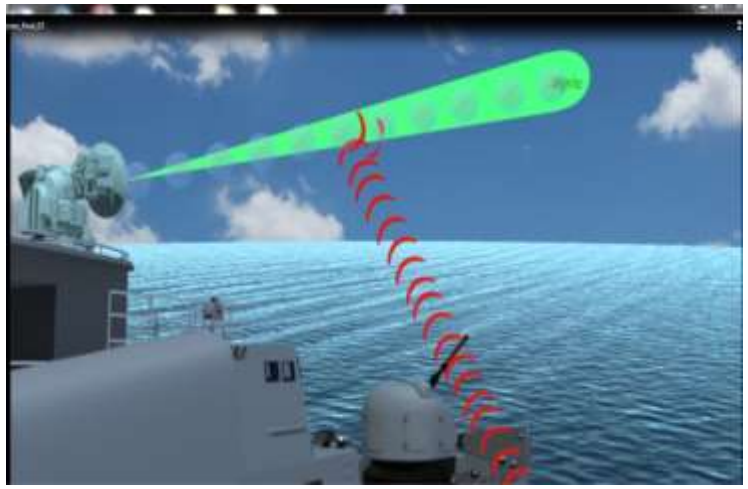
INDIAN DEFENCE



भारत इलेक्ट्रॉनिक्स
BHARAT ELECTRONICS

CODE&PIXELS

Following Documents are Integrated in IETM

- ✔ User Handbook (UHB)
- ✔ Design Specification (DS)
- ✔ Technical Manuals (TM)
- ✔ Illustrated Spare Parts List (ISPL)
- ✔ Manufactured Recommended List of Spars (MRLS)
- ✔ Diagnostics and Installation (DIM)
- ✔ Special Maintenance Tool & SPL Test EQPT (SMT & STE)
- ✔ Initial Stocking Guide (ISG)
- ✔ Maintenance Scale (MS)
- ✔ Permissive Repair Schedule (PRS)
- ✔ Inventory
- ✔ OEM Manuals
- ✔ Operating Manuals
- ✔ Combat Manuals
- ✔ Deployment manuals
- ✔ Air Transportation Manuals

CODE&PIXELS

PRODUCTS

Digital Teacher – Products

Launched 2014

Digital Content (KG - X) AP/TS

Launched 2015

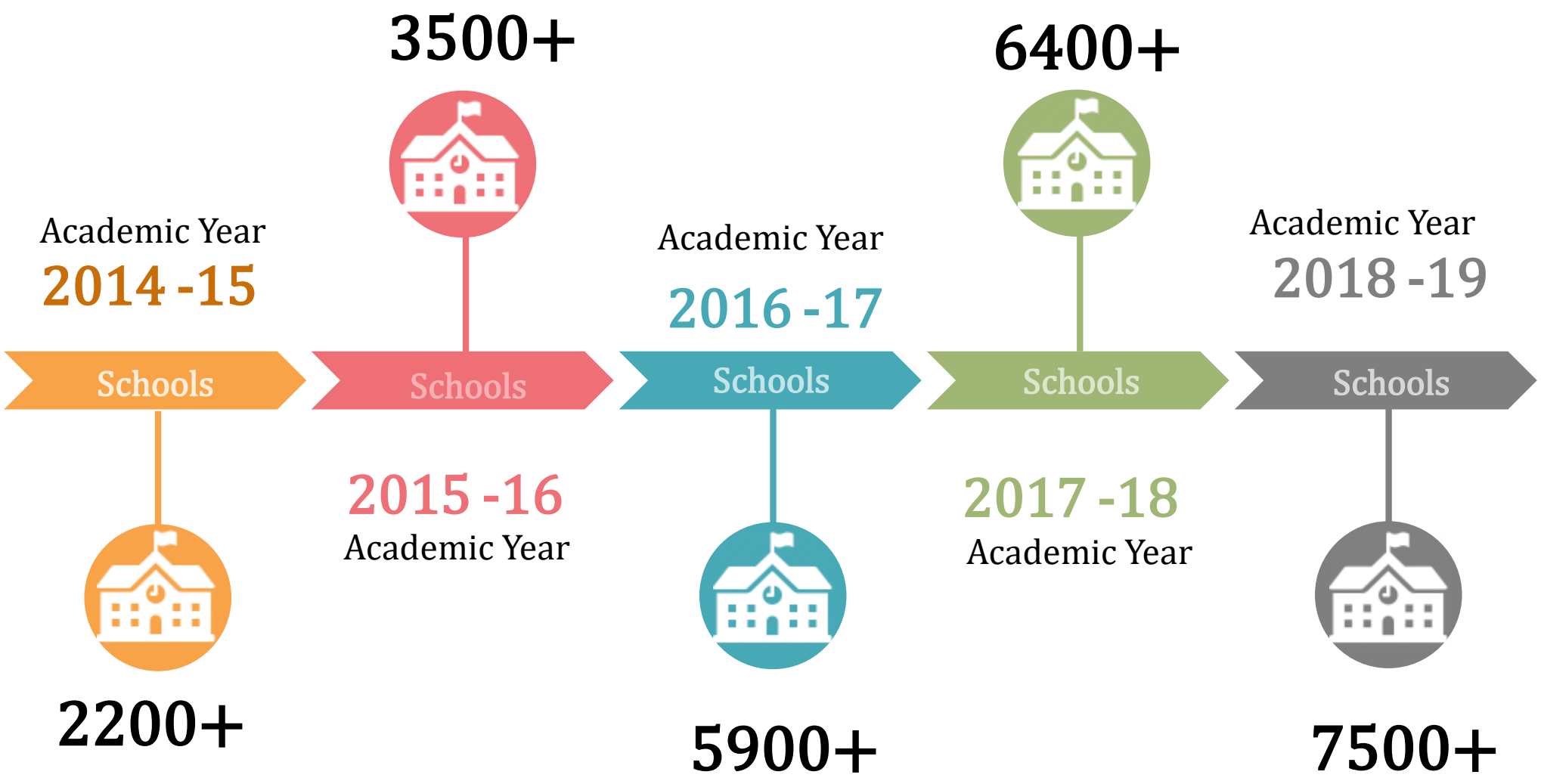
Digital Content (VI - X) (CBSE)

Launched 2016

English Language Lab

CODE & PIXELS

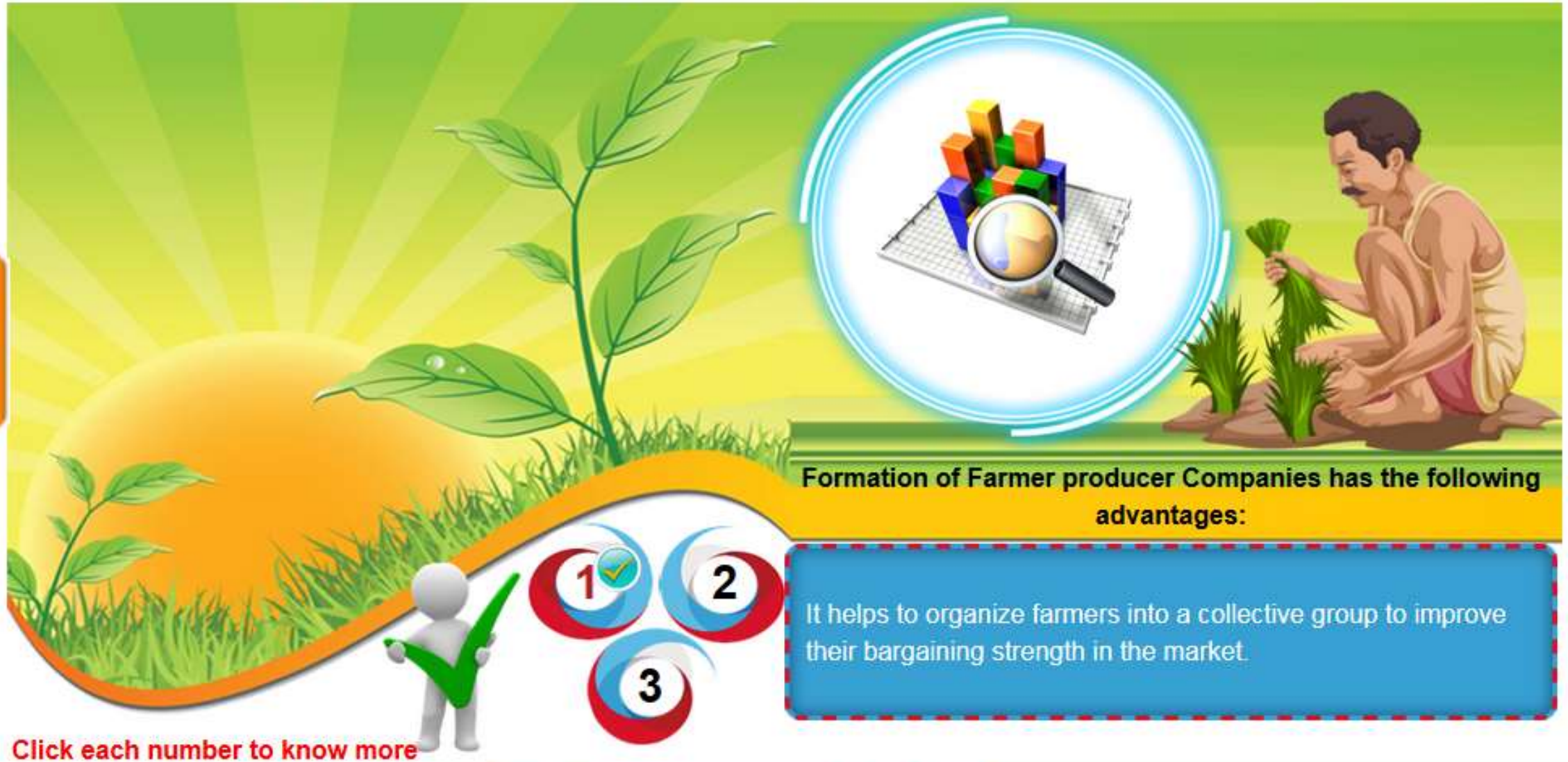
Journey of Digital Teacher



CODE & PIXELS

e-Learning Samples

Scheme for Financing Farmer Producer Companies (FPC)



Formation of Farmer producer Companies has the following advantages:

1 2 3

It helps to organize farmers into a collective group to improve their bargaining strength in the market.

Click each number to know more

Against Non-credit Bills

भारतीय स्टेट बैंक
State Bank of India

Seed Processing

Exit

Jaws User instructions: You can easily reach the content quickly by pressing H. For Previous and Next navigation in internal module, press “alt + left arrow and alt + right arrow” respectively, you can easily play/pause the screen by using “alt + P”, rewind the screen by using “alt + R”, mute the voice by using "alt + v".

Click 'F11' in keyboard after clicking module box for viewing text screen in full screen mode. Do not click 'F11' in key board while you are in this screen.

Assessment

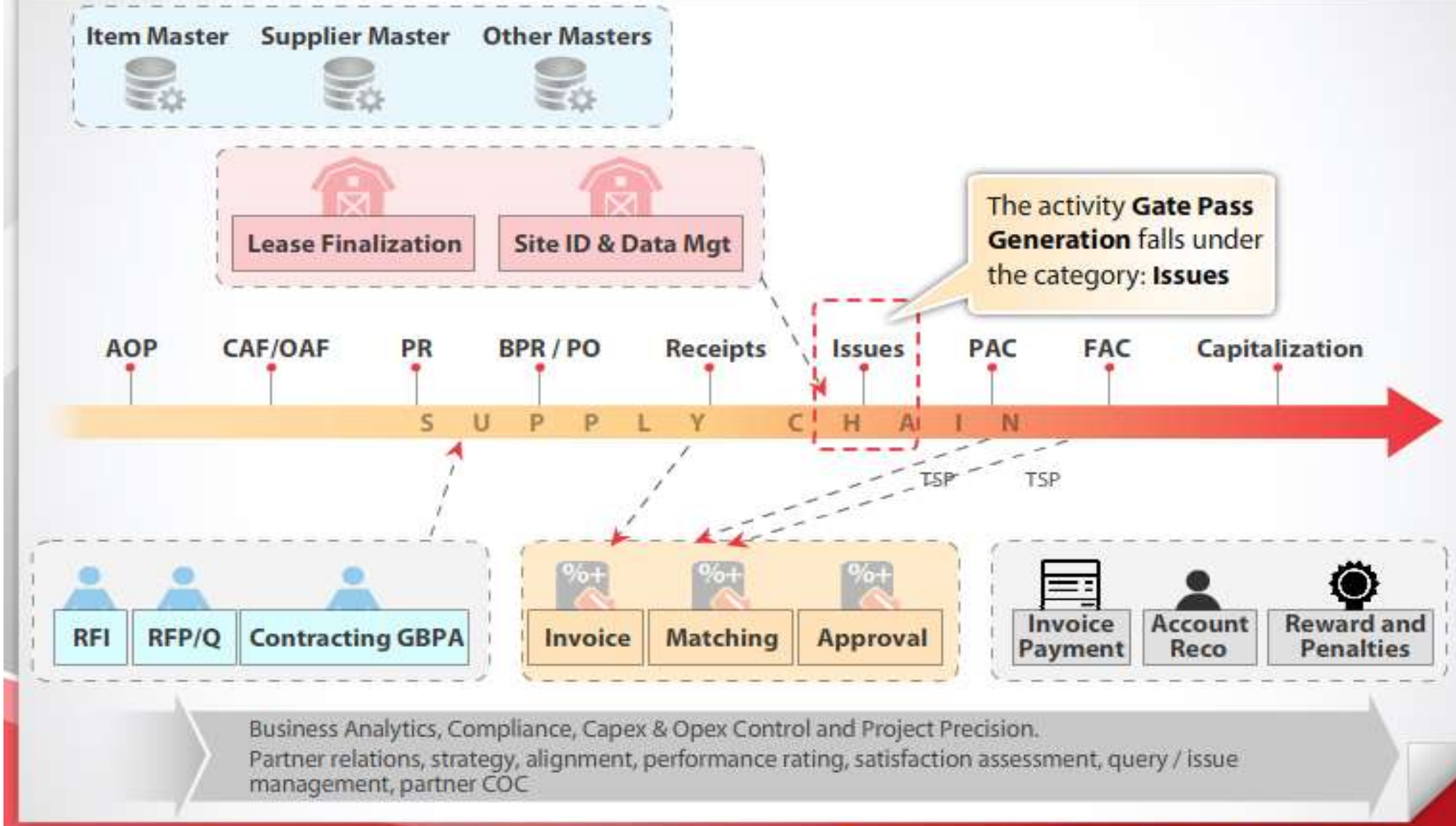
This is a short assessment to see where you stand.
Read all the instructions carefully and click 'Start' button.

Instructions
Do attempt all questions
Click 'Submit' to verify your answer
✓ Indicates the correct answer
✗ Indicates wrong answer
Click 'Next' to proceed to the next question
Click 'Result' to see your results

Start

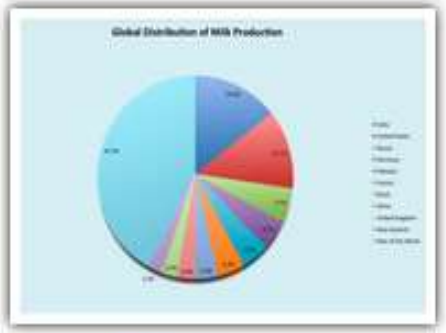
SCM: Taking a Printout of a PO

A Birds Eye View



Dairy Development Overview

- India ranks first among the world's milk producing Nations since 1998
- India has the largest bovine population in the World
- Milk production in India during the period 1950-51 to 2014-15, has increased from 17 million tonnes to 146.3 million tonnes as compared to 137.7 million tonnes during 2013-14 recording a growth of 6.26%
- FAO reported 3.1% increase in world milk Production from 765 million tonnes in 2013 to 789 million tonnes in 2014
- The per capita availability of milk in the country which was 130 gram per day during 1950-51 has increased to 322 gram per day in 2014-15 as against the world average of 293.7 grams per day during 2013



Click Next to Continue ▼

Products – Housing Loans

Gram Nivas

Housing Loan Scheme

SBH Max Gain

Sahayog Nivas

Housing Loan Scheme for NRI`s

Definitions (Cont'd)

In these rules, unless the context otherwise requires:-

6. Disciplinary Authority

Means the authority specified in the schedule appended to these rules, or any authority higher than it, and competent to impose any of the penalties specified in rule 29.

7. Competent Authority

Means the authority as specified in these Rules and failing such specifications means the authority specified by the Board by any general or special, Resolution, Rule or Order to discharge the function or the powers specified in these Rules or any of them. Wherever not specified, the Disciplinary Authority shall be the Competent Authority.

Click Next to Continue

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Implementing Ideas

through Cutting Edge

Versatile Services

K12 Sample Screen Shots

CODE & PIXELS

Digital Teacher™

English

Language Lab

Developed as per the "CEFR (Common European Framework of Reference) and Cambridge English Teaching Framework under guidance of Cambridge English Trainer.

- Listening
- Speaking
- Reading
- Writing
- Phonetics
- Soft SkillS

Click each ICON to learn the Language Skill.

v3

Registered with: NASSCOM MEMBER

AB-CAB ACCREDITED

TNV United Kingdom

CODE AND PIXELS INTERACTIVE TECHNOLOGIES Pvt Ltd.,
Registered Office, R&D Centre - 266, South End Park,
L.B. Nagar, Hyderabad, 500068.
Tel: +91 40 65157705, 900 009 0702 | Email:
sales@digitalteacher.in | www.digitalteacher.in

040 – 6515 7705, 090000 90702

Listening

English Language Lab

When?

- Lectures, (note-taking) tutorials, group discussions
- Brainstorming, presentations
- Q & A, instructions- induction, library, Every-day life

Importance

- Improves speaking and pronunciation
- Develops inter-personal skills
- Receptive skill that needs active participation

Tune in!!

- Active listening requires participation not passive reception
- Engage with the sounds & words
- Ensure you are aware of the subject before lectures.
- Read key vocabulary & do background reading
- Mental repetition, Ask for clarification
- Listen to radio, TV other media

Issues

- Uncertain comprehension
- Speed of speech
- Familiarity with local speech (accents and vocabulary)
- Missing words /concepts/instructions
- Lack of confidence to ask for repetition

Basic — A1 A2

Intermediate — B1 B2

Mastery — C1 C2

Click each LEVEL icon to start the lesson.

Digital Teacher .in

- Activities on Letter(s) / Word(s)
- Activities on Paired Letters / Words
- Activities on Picture
- Activities on Actions
- Where is it?
- Our Surroundings
- Stories
- Assessments

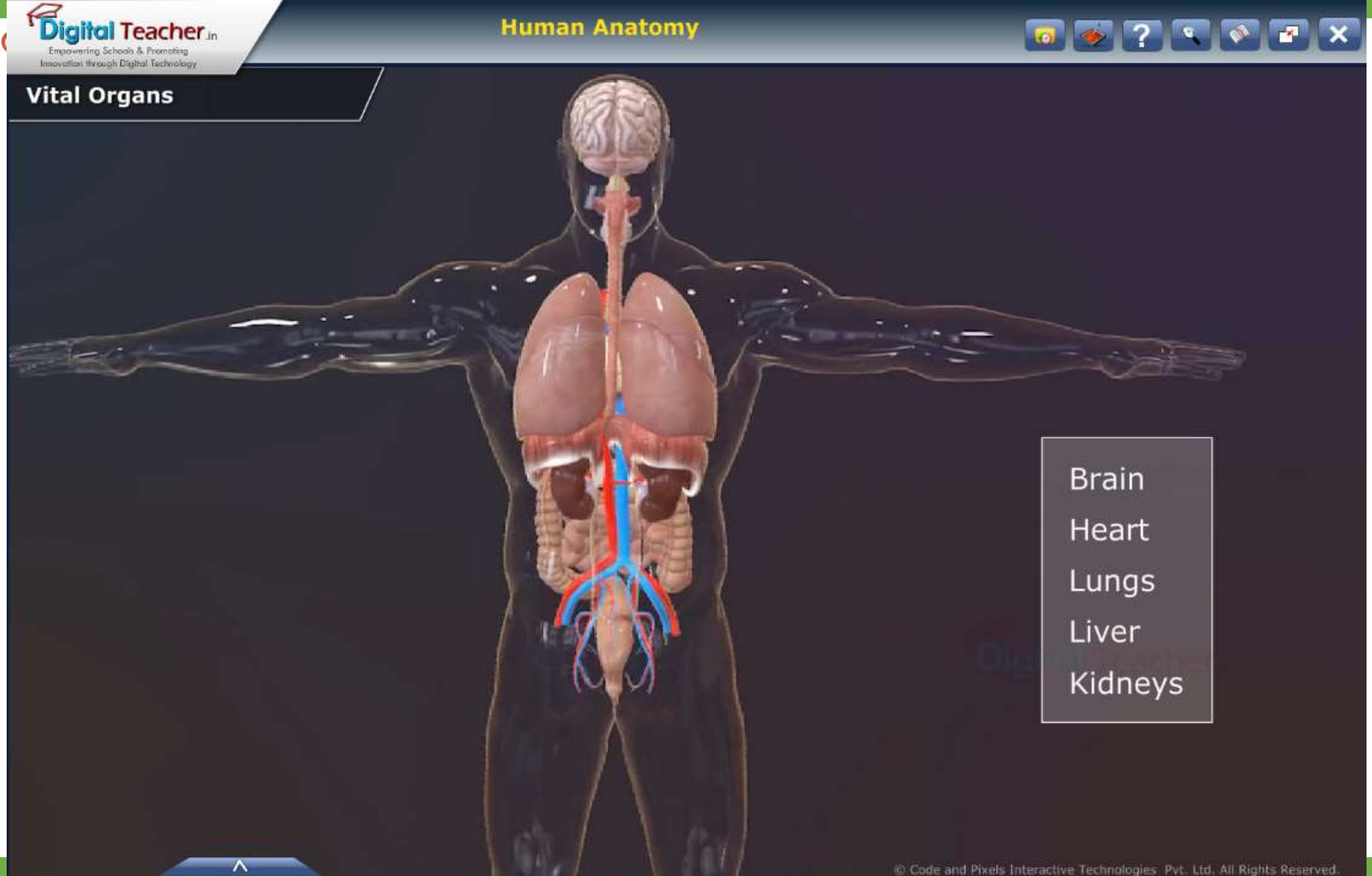
Click each unit to know more.

Objectives

Listening

1. To enable students to develop their listening skill so that they may appreciate its role in the LSRW skills approach to language and improve their pronunciation.
2. To equip students with necessary training in listening so that they can comprehend the speech of people of different backgrounds and regions.

Digital Teacher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Human Anatomy
Vital Organs
Brain
Heart
Lungs
Liver
Kidneys
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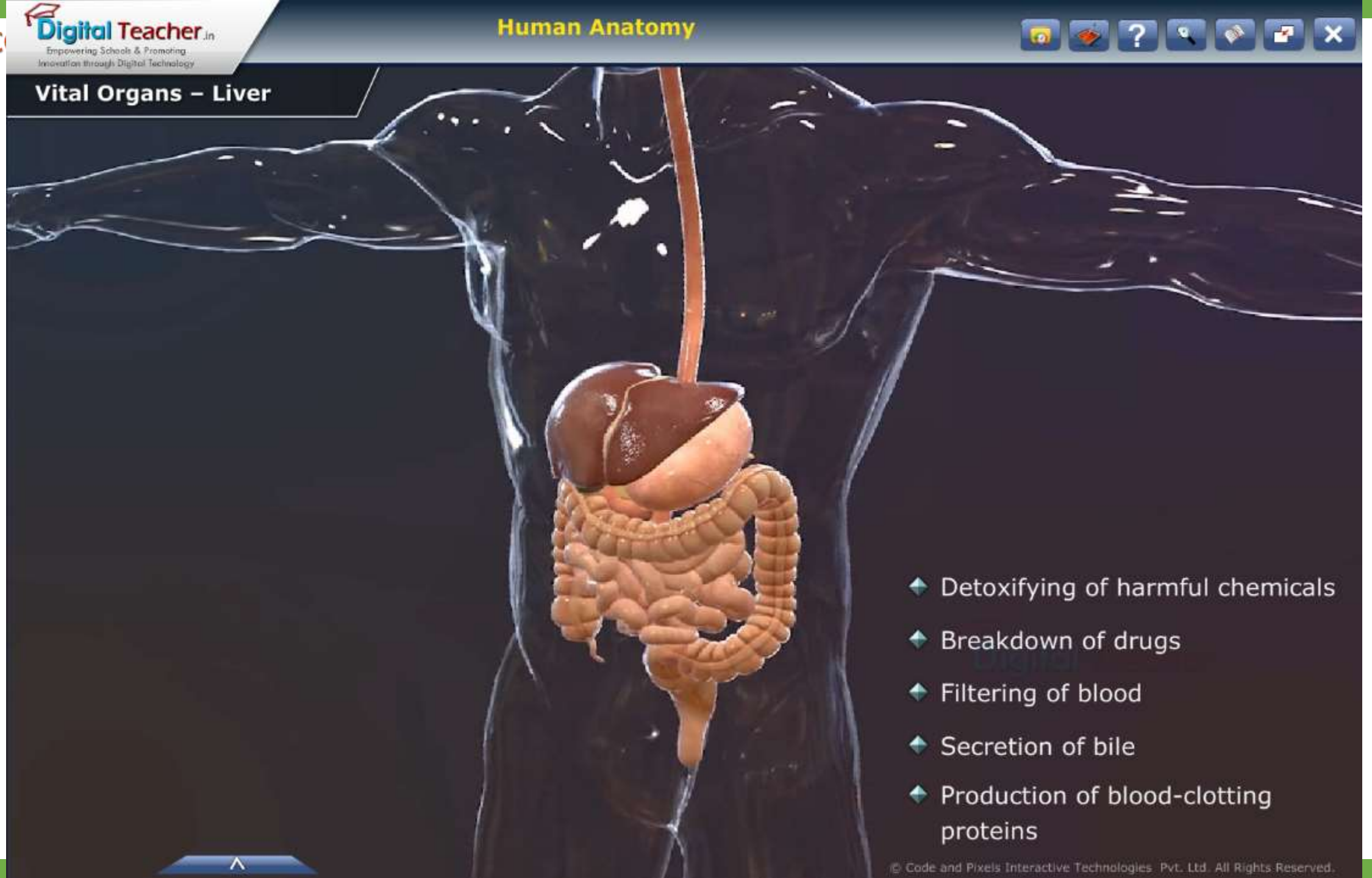
Digital Teacher.in
Empowering Schools & Promoting Innovation through Digital Technology
Human Anatomy
Vital Organs – Liver
Detoxifying of harmful chemicals
Breakdown of drugs
Filtering of blood
Secretion of bile
Production of blood-clotting proteins
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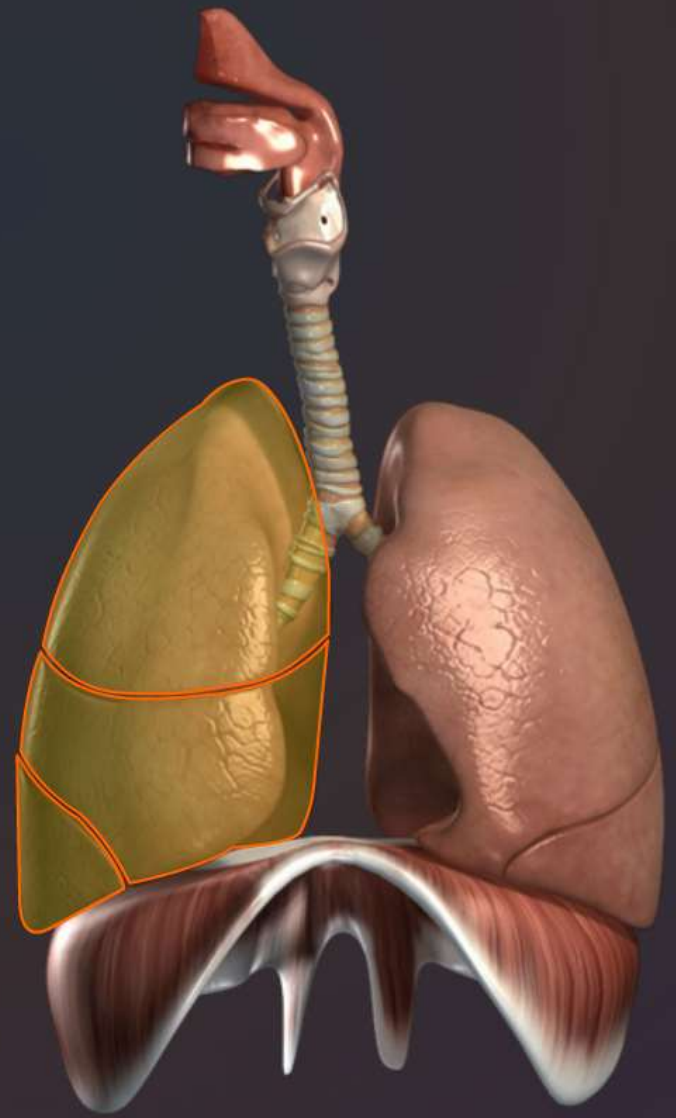
Vital Organs – Lungs



The right lung is divided into three lobes the right superior, right middle and the right inferior lobe.

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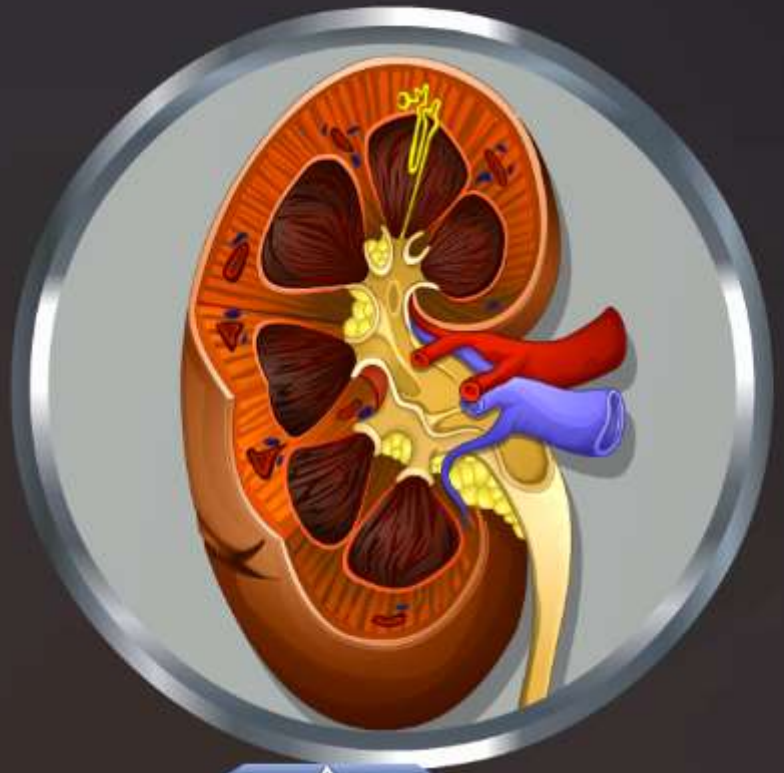
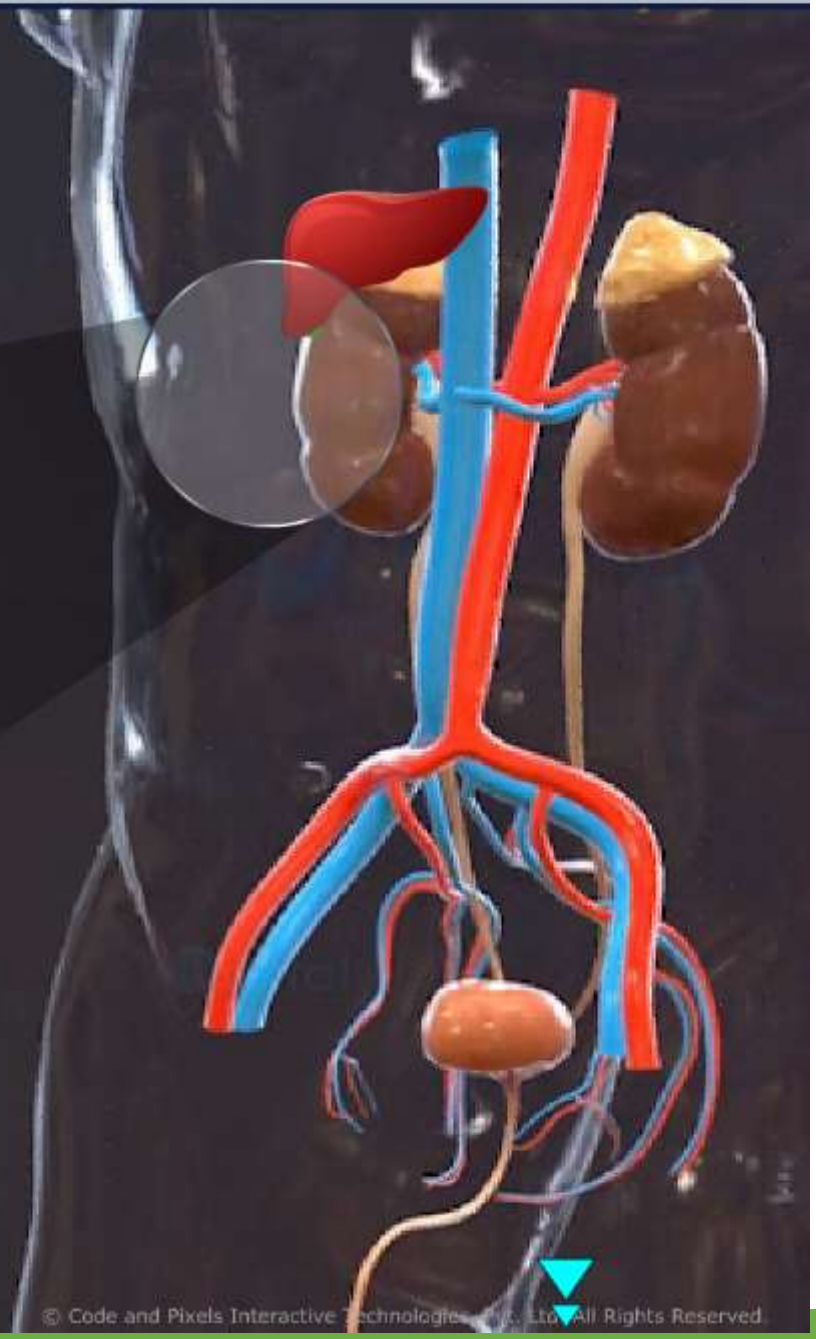
Vital Organs – Kidneys

Each kidney consists of more than one million, i.e., around 1.3 to 1.8 million microscopic and thin tubular functions called nephrons or uniferous tubules.





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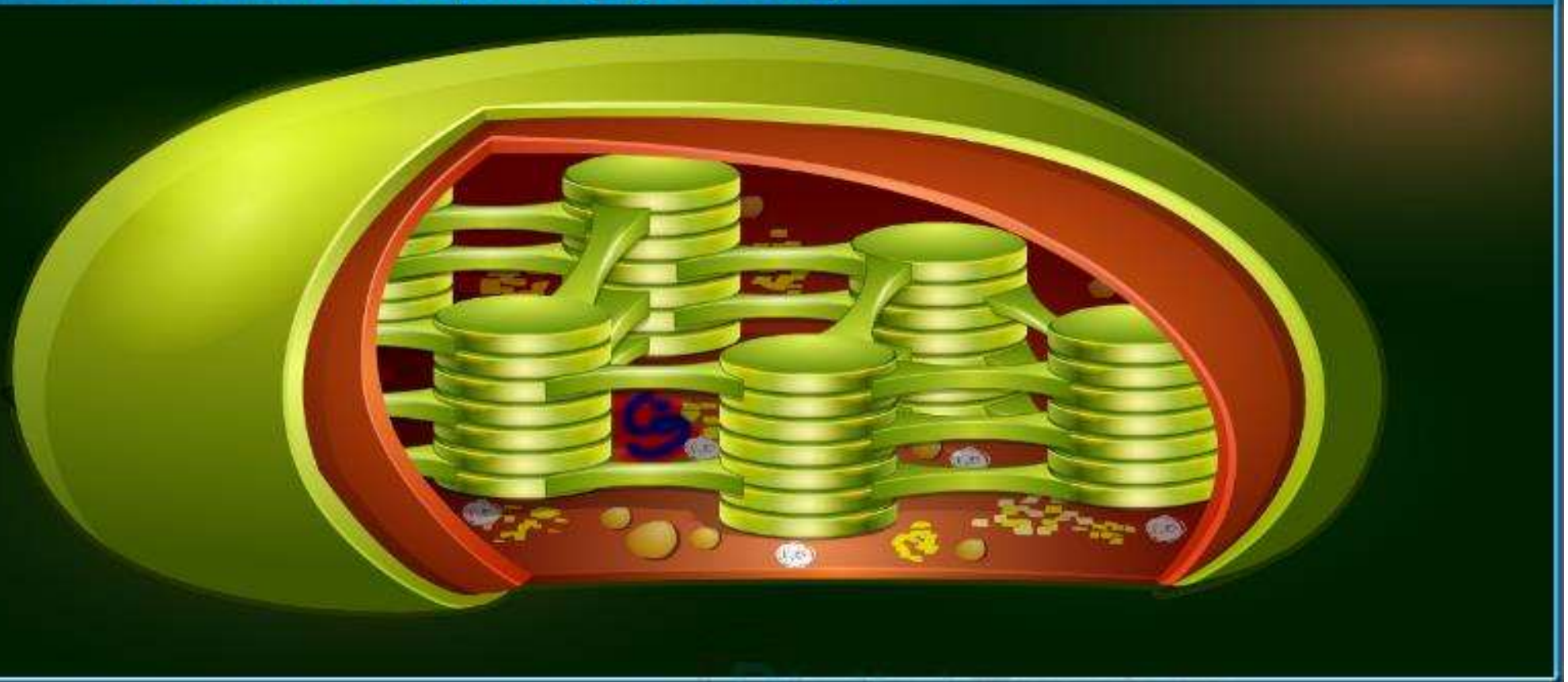
Photosynthesis → Mechanism of Photosynthesis (Light Reaction)



Mechanism of Photosynthesis

Light Reaction:

- The reactions of the light take place in thylakoid membrane which is present in chlorophyll.

Digital Teacher.in
Your e-mate in teaching

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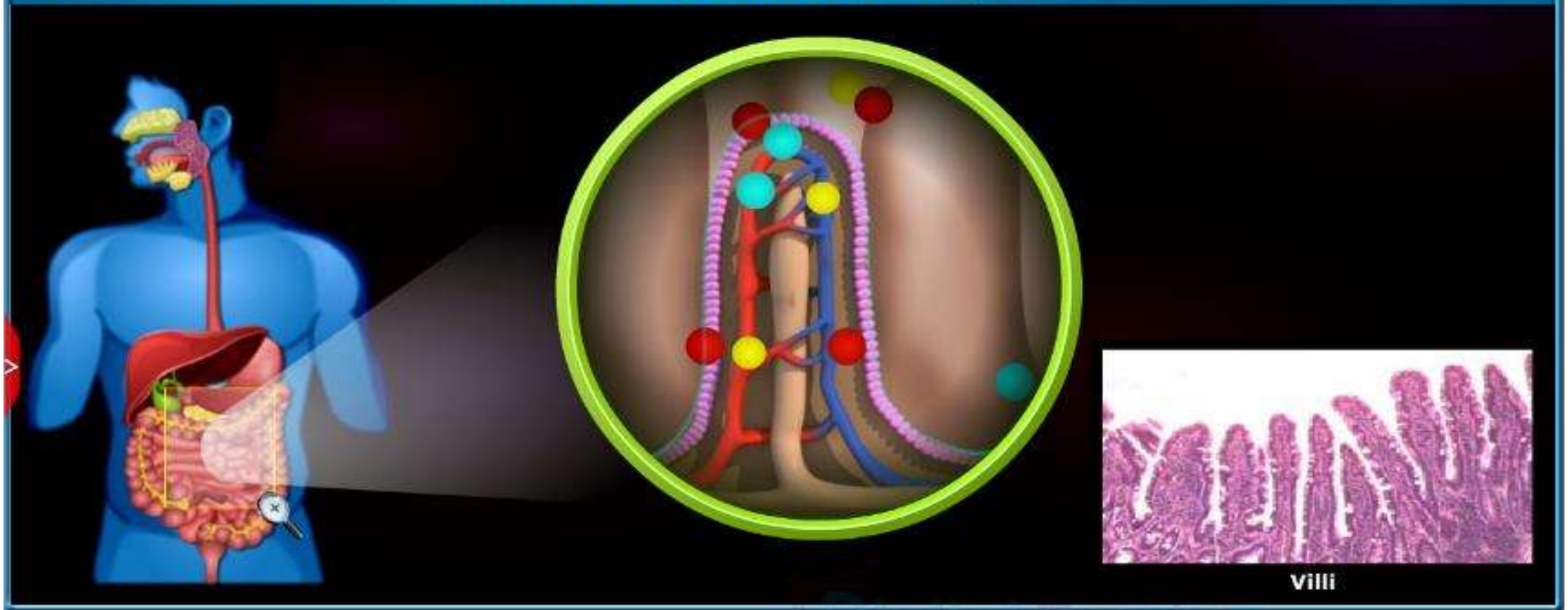
Nutrition in Human Beings → Function of Villi in Human Digestive System



Function of Villi in Human Digestive System:

- The process of transporting the digestion of products from the intestine into blood (through the wall of intestine) is called absorption.
- Internally, the intestinal wall contains a number of finger like projections called as villi.

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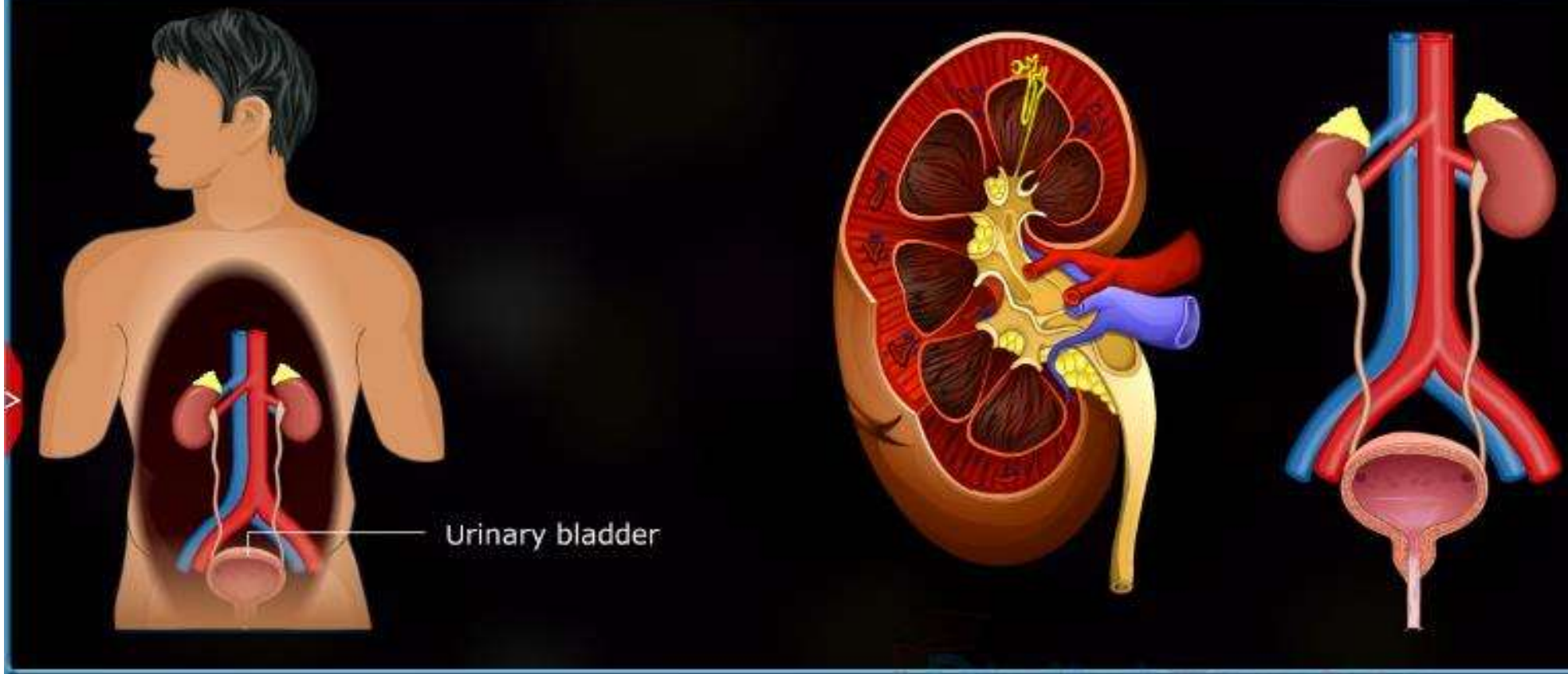
Excretory System in Human Beings - Ureters



Ureters:

- The movement of urine in the ureter is done by *peristalsis*.

Activity 5 – Specific Heat : Nature of Material

Activity 5 – Specific Heat: Nature of Material

- Now fix them to a retort stand and set them in the hot water of jar.

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Air and Photosynthesis

Necessity of Carbon dioxide for Photosynthesis

Activity

Close

Index

Click each tab to know more.

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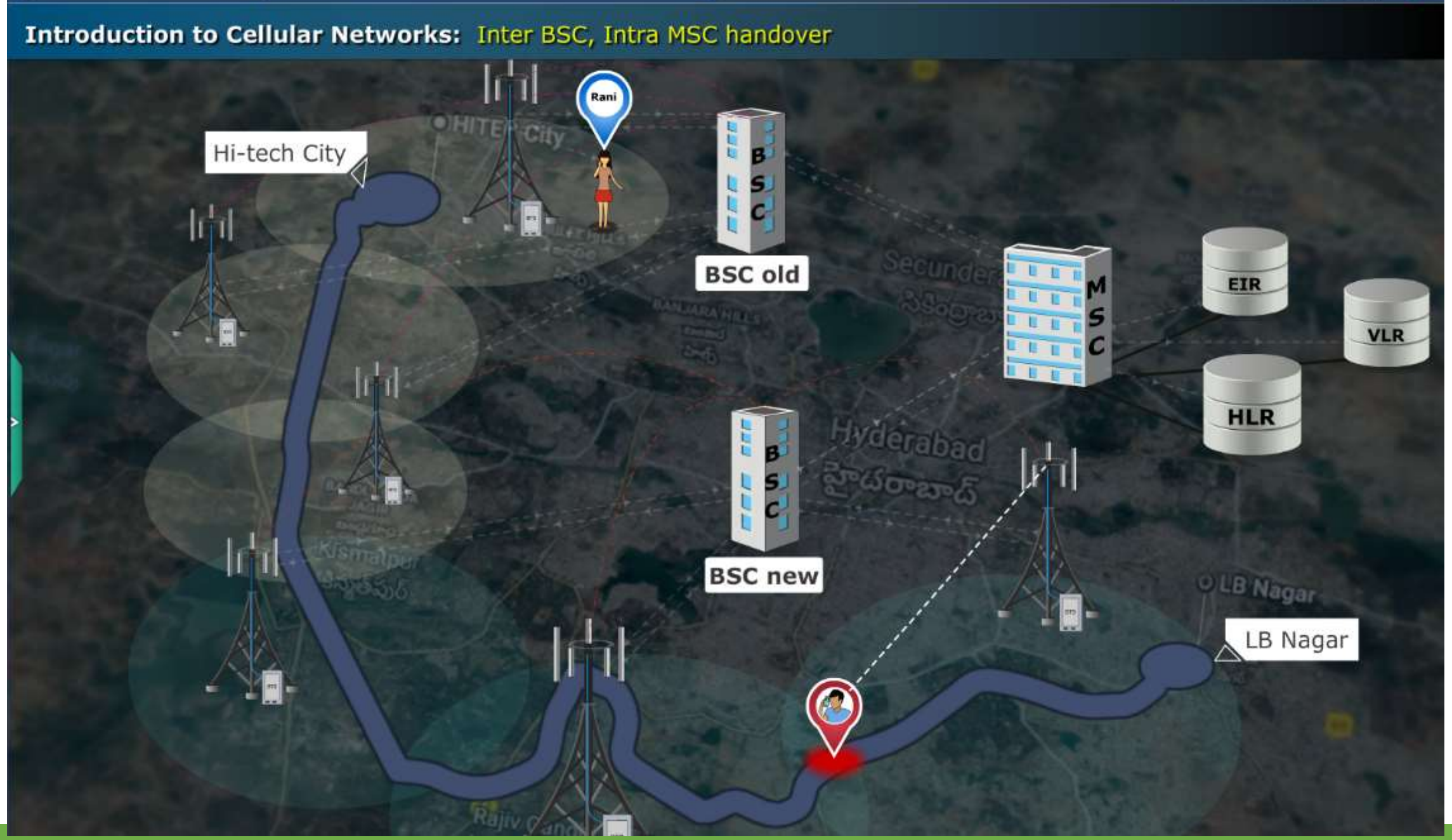
e-Learning Samples

.....Flash BASED SAMPLES

Introduction to Cellular Networks: Inter BSC, Intra MSC handover



Mobile Device Acquisition (UFED): UFED 4PC Software based Mobile Forensic Solution

Call Detail Record: Cell ID Chart

SDR | CDR | Cell ID Chart | GPRS | IMEI Lookout

Name, Address and Service Provider

Calling number, called number, Date, Time, Call type and Cell ID

Assessment-3

1. Which of the following act is a misconduct as per CDA Rules.

- Theft
- Disobedience
- Absence without leave
- All the above

Submit Next

Types of Electrical Tachometers

Magnetic Drag Cup Tachometer

Principle:

- Source angular speed or test shaft rotates the permanent magnet
- An aluminum disc or drag cup is held close to the rotating magnet restrained by a control spring
- When the magnet rotates, voltage induces in to the disc causing angular eddy currents in the drag cup or disc

Drag Cup Tachometer

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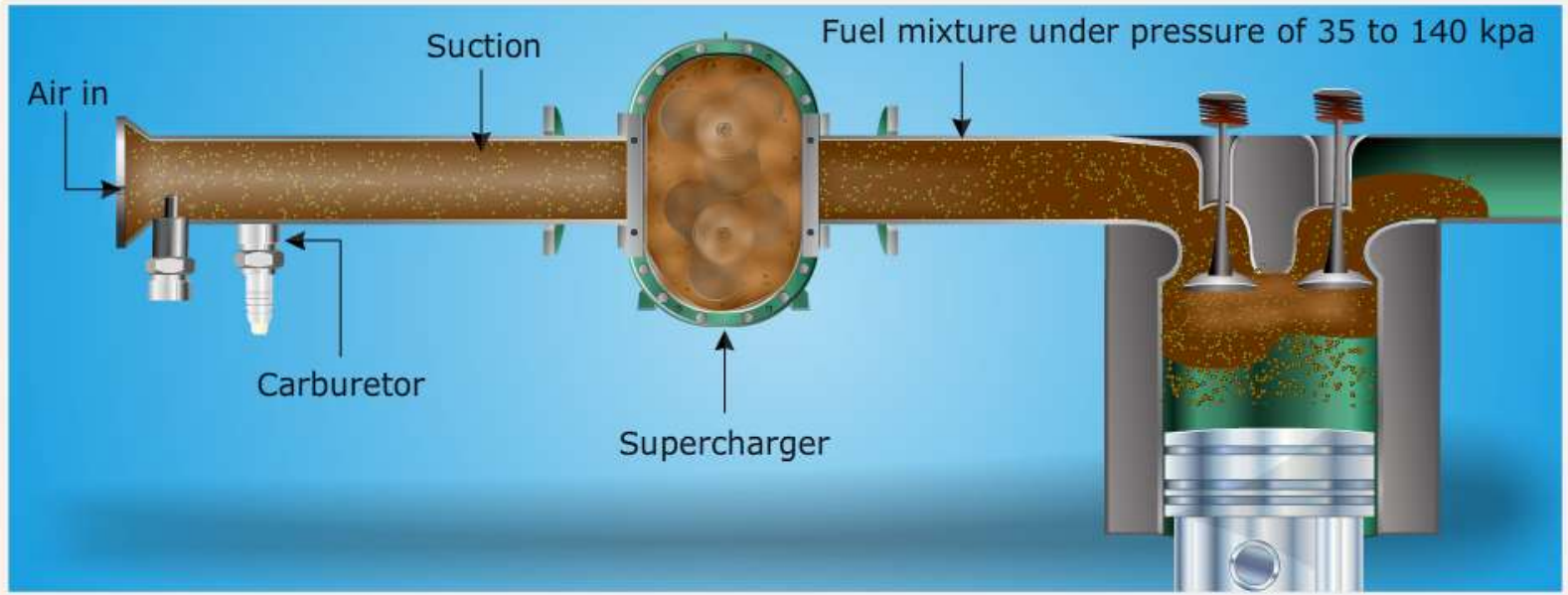
Supercharging

Code and Pixels

- In S.I. engines, the air fuel mixture entering into the combustion chamber must be increased for obtaining higher speeds
- By running a rotary lobe super charger, the quantity of air fuel mixture can be increased which ultimately has to enter into the combustion chamber



Rotary Lobe Supercharger

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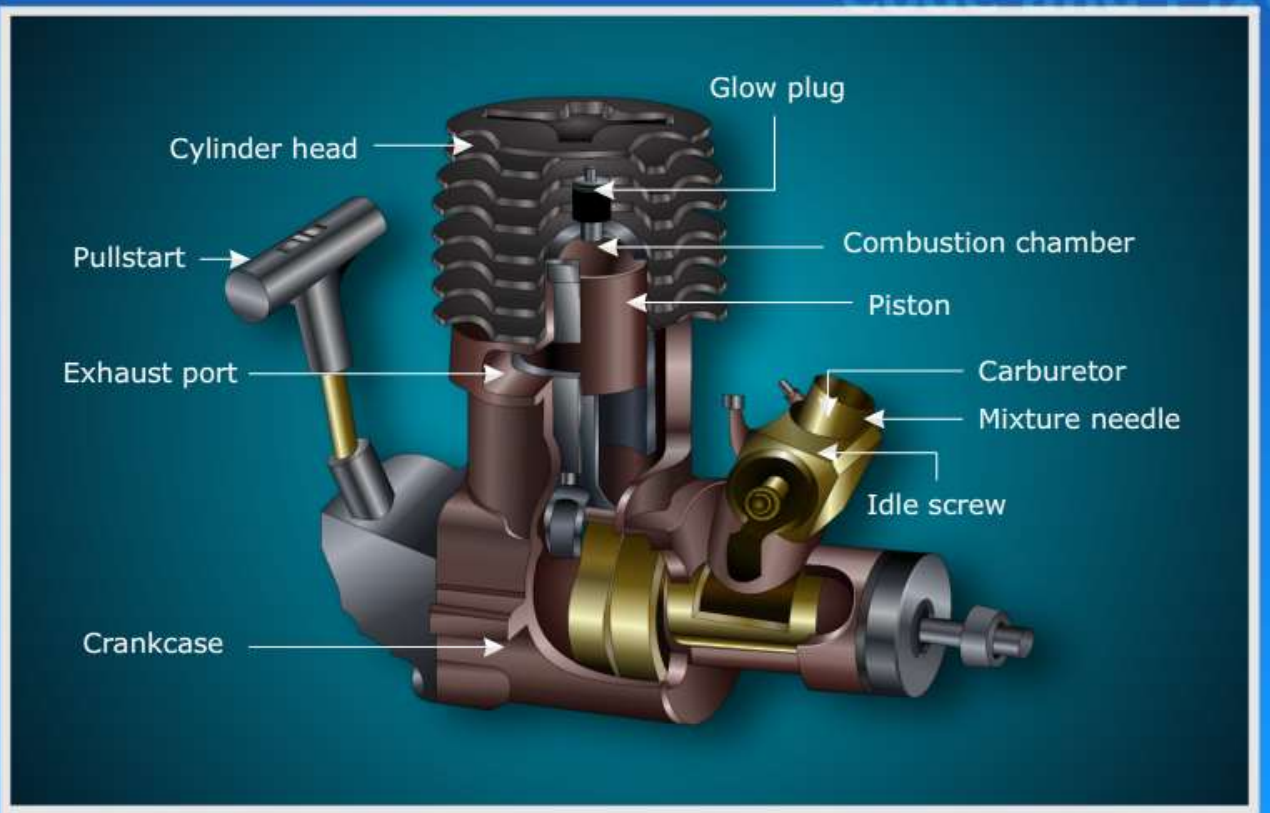
Diesel Engine

Type of Cooling

- Air cooled
- Liquid cooled



Diesel Engine

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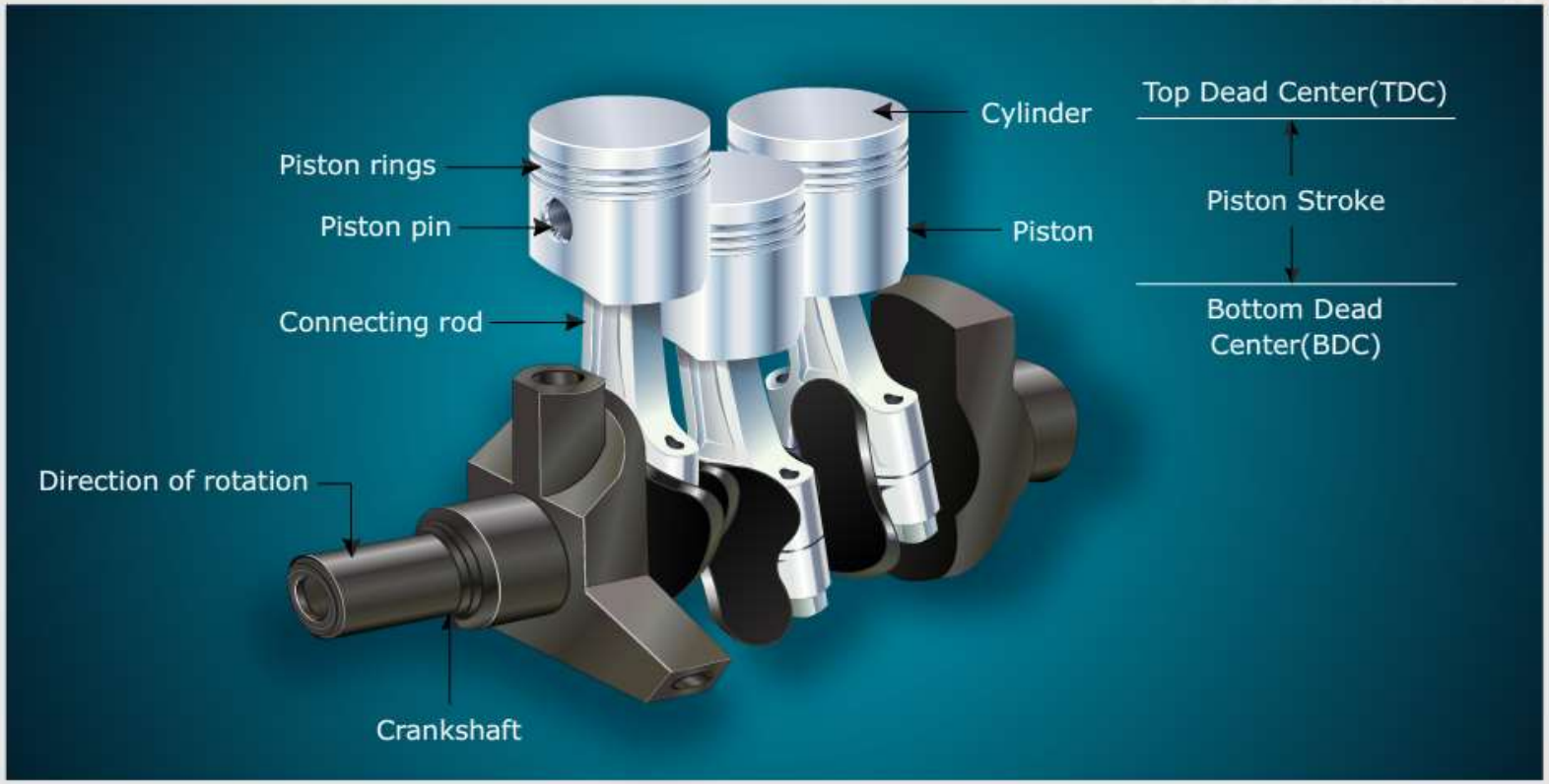
Diesel Engine



Rod/Piston Assembly from Cummins Diesel Engine

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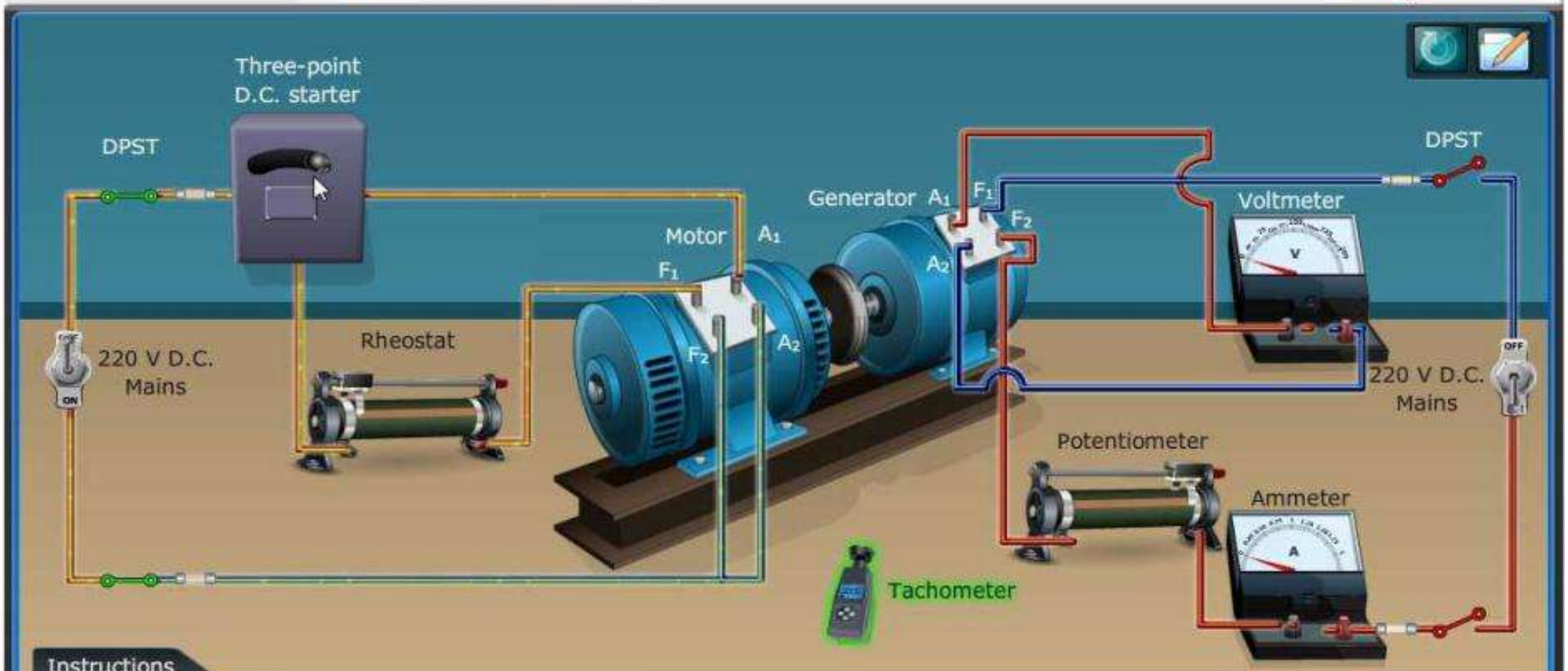
CODE & PIXELS

VIRTUAL LABS

EEE LAB : Magnetization Characteristics of D.C. Shunt Generator



Instructions

5. Measure the speed of the motor with the help of a hand tachometer

Observations

S.No	Speed (N)	Generated E_b (V)	Field Current I_f (A)

Instructions

4. Rise the dimmer stat at a slower rate to supply power to the heaters starting from zero reading.

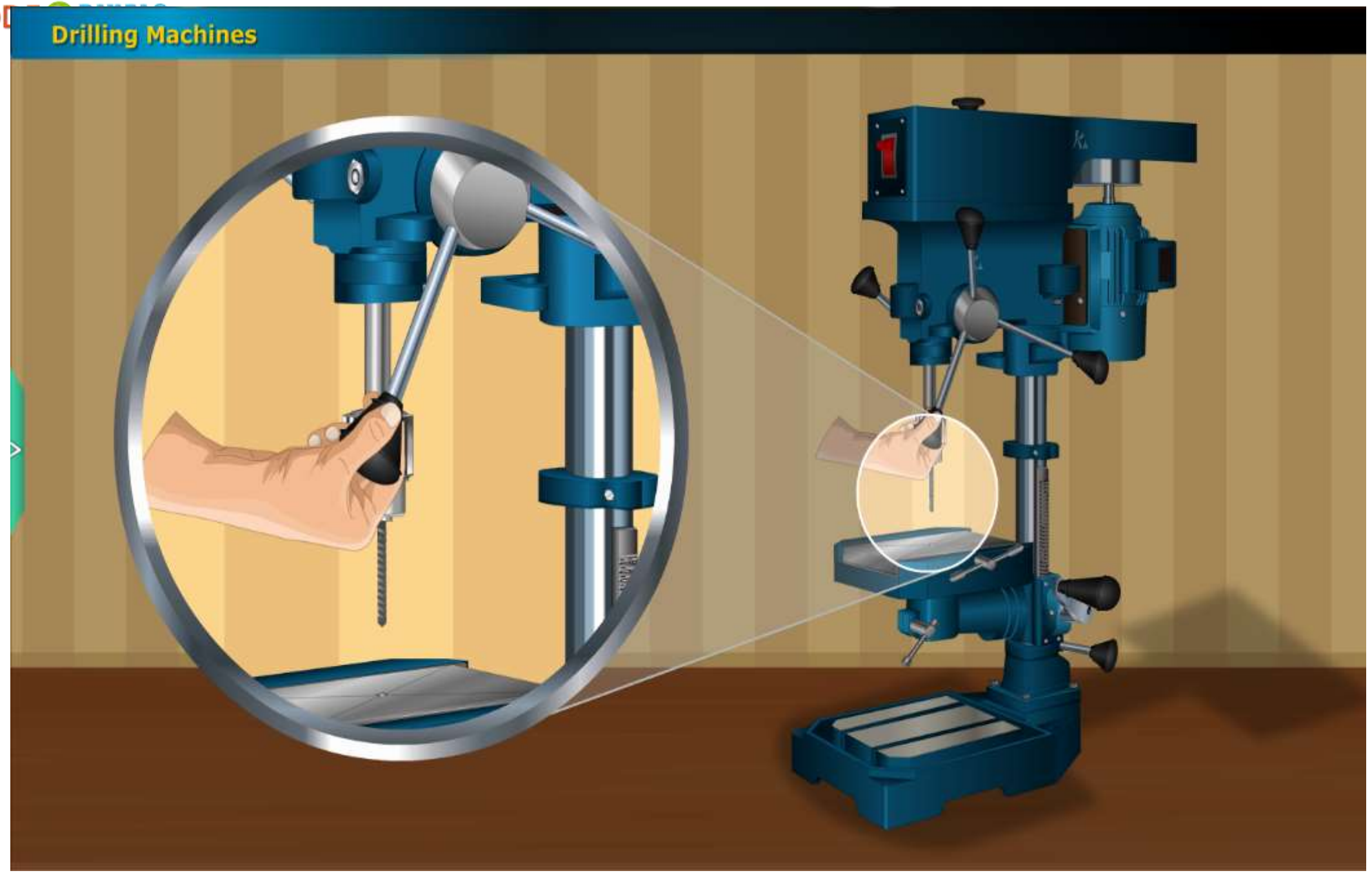
Click on the Highlighted Areas

Observations

Time in Minutes	S.S.Pipe Heat Sink	Copper Pipe Heat Sink	Heat Pipe Heat Sink
0 min	27	27	27

3D BASED CBTs

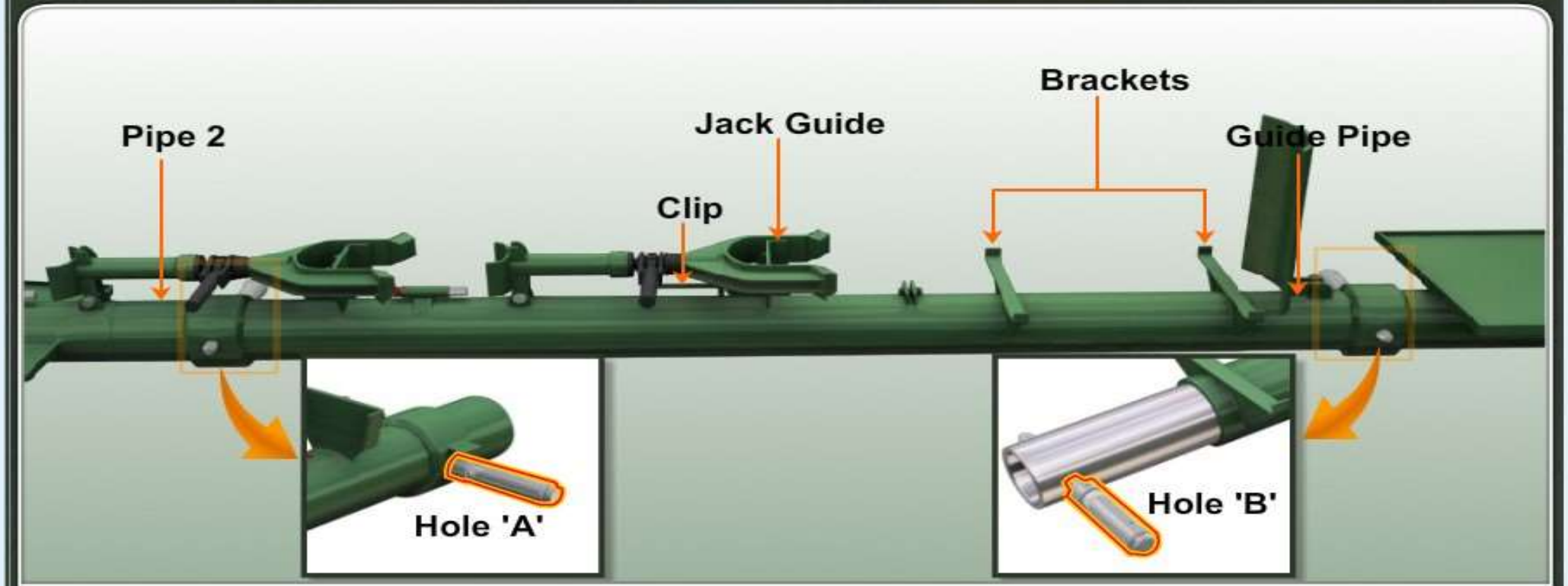
Working Procedure


Drilling Machines

The_End
00:01

Functional Description of System and Sub-System

Centre Girder

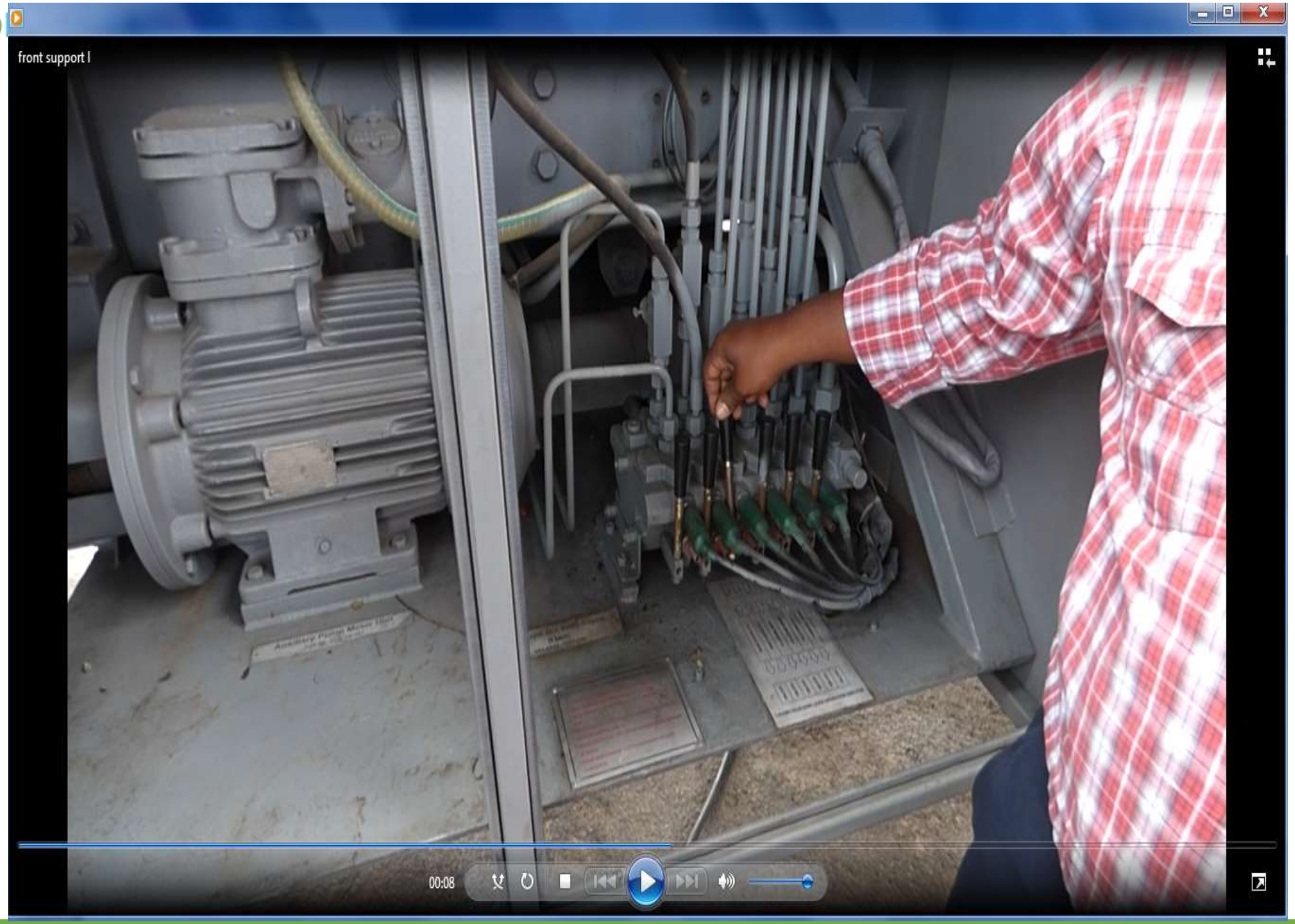


- Holes ‘A’ & ‘B’ are used to integrate with front & rear sections respectively with help of kingpins.

CODE & PIXELS

VIDEO FILM BASED CBTs

1ACSV_5


front support l
00:08

Instructions on First Level Checking of
M3 EVM & VVPATs

सत्यमेव जयते
An MHRD Project
under its National Mission on Education through ICT (NME-ICT)
and University Grants Commission
ज्ञान-विज्ञान विमुक्तये

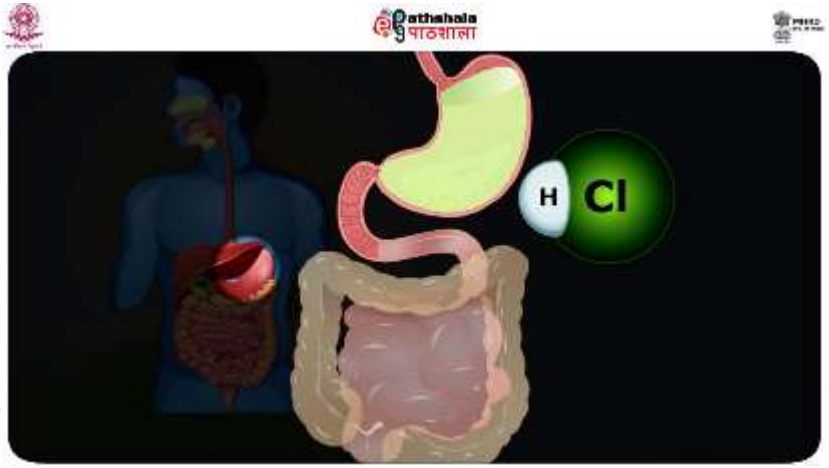
Production of Courseware for Postgraduate Subjects

swayam
L-alanine

Dr Jagdish Arora, Director

swayam
DNA- Protein Interactions
Health and Disease
Lipids
DNA
Z-DNA
RNA
α-Helix
Peptides
Amino Acid
β-Sheet
Protein Structure

Watched Course Introduction Video
One Minute Week Introduction Video
Introduction to Research Ethics and Plagiarism
How to avoid Plagiarism
Ethics in Research


pathshala
पाठशाला
H
Cl

Learning Outcomes
Theoretical Underpinnings
✓ Recognize
✓ Apply
Early Play and Play –Way Approach

pathshala
पाठशाला
Prof. Ashutosh Kumar,

pathshala
पाठशाला
Trypsin
Chymotrypsin
Elastase

pathshala
पाठशाला
LibreOffice
The Document Foundation
OpenSSL
Mr. Hardik Joshi,

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Rural Development Capacity Building

గ్రామీణ e-విజ్ఞాన వేదిక

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राग्रापिपंरासं NIRDPR

जल संसाधन प्रबंधन: पंचायतों का दायित्व

वाटेरशेड योजना के अंतर्गत सृजित की गयी सामुदायिक का रख–रखाव करना।

जल विभाजक प्रबंधन

बांध जैसी "मेगा परियोजनाओं" के विकल्प के रूप में जल संरक्षण की प्राचीन प्रणालियों को पुनर्जीवित करने के लिए विभिन्न संगठन काम कर रहे हैं।

NIRD & PR
National Institute of Rural Development & Panchayati Raj

Loose Boulder Structure

The Mahatma Gandhi National Rural Employment Guarantee Act 2005

Ministry of Rural Development
Government of India

सत्यमेव जयते

Introduction

खेत तालाब के मुख्य भाग

अनुसूचित जनजातियों का अर्थ

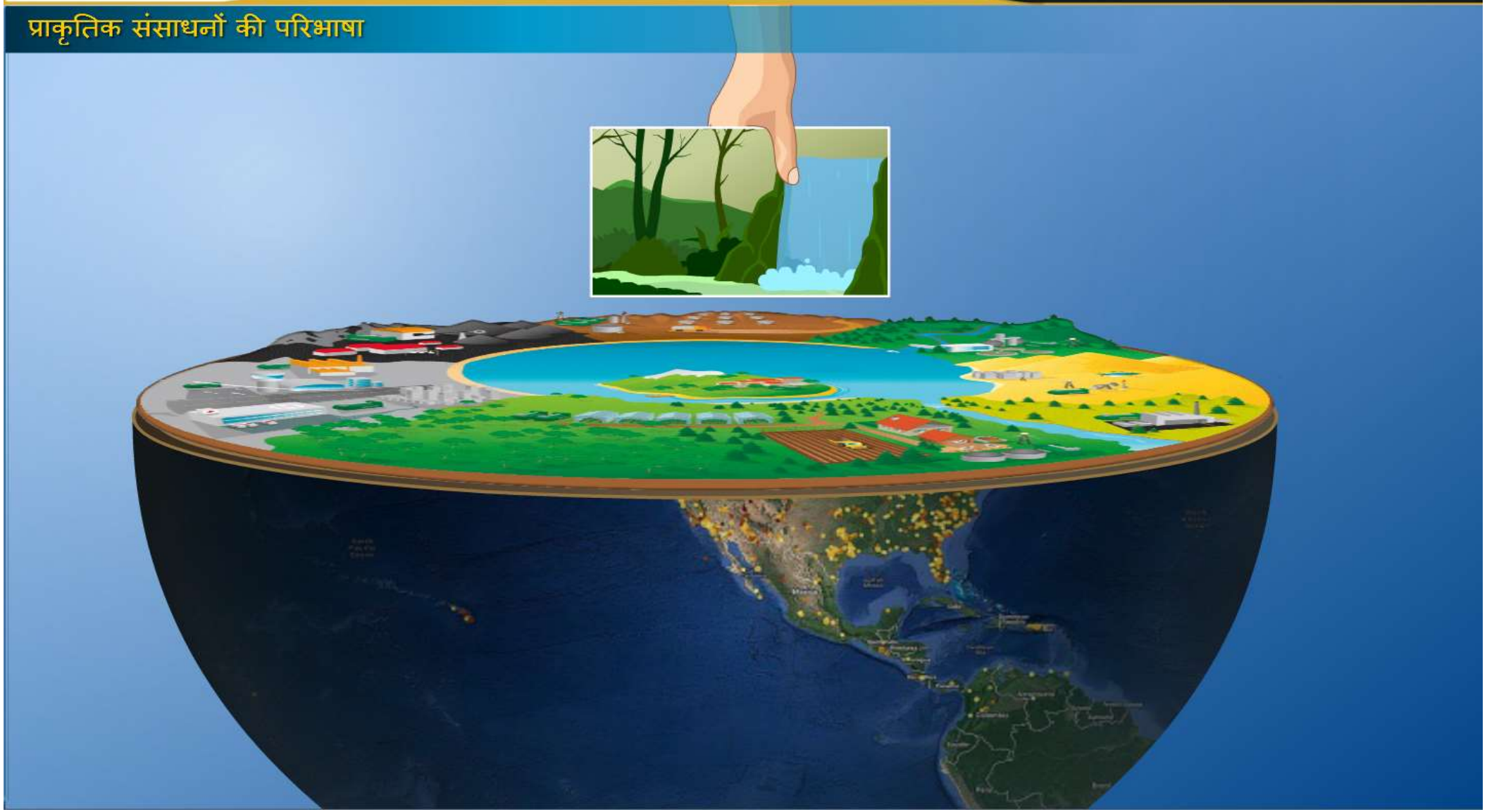
Panchayati Raj
प्राकृतिक संसाधन प्रबंधन
NIRDPR

Panchayati Raj

प्राकृतिक संसाधन प्रबंधन

राग्राविपंरासं NIRDPR

प्राकृतिक संसाधनों की परिभाषा



Rural Development- Snapshots

GBL
Game Based Learning

Hi, I am Jack. I found a scroll, which looks like the map for a mysterious treasure island. I am ready for this adventurous hunt, do you wanna join?
Enter Your Name:
Mode:
Timer
Normal

Welcome, Raju
Total Score : 0/27
Map

Seconds:10.89/60.00
Select the correct answer
Solve the following equation using BODMAS
10+16 of 8-12
-104
126
164
-126
Continue

Hi Jack! Please check the dashboard of the boat to get the key.

Thank You

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