

Syllabus for the subject

of

# **ENGINEERING DRAWING**

(For 3<sup>rd</sup> & 4<sup>th</sup> semester)

Under

**CRAFTSMEN TRAINING SCHEME (CTS)**

(For Radiology Technician)

Re-Designed in - 2015

By

**Government of India**

**Ministry of Skill Development & Entrepreneurship**

**Directorate General of Training**

**CENTRAL STAFF TRAINING AND RESEARCH INSTITUTE**

**Block - EN - 81 SECTOR - V, SALT LAKE CITY, KOLKATA - 700 091**

**3<sup>rd</sup> semester--- Engineering Drawing**  
**For the Trade of Radiology Technician (Radio Diagnosis & Radiotherapy)**

Sl. No.	Topics	Duration in Hours
1	Free hand sketches of bones, spinal cord, joints.	<b>63</b>
2	Free hand drawing of skeleton of human body.	
3	Drawing of major muscles, nerve supplies & blood supply.	
4	Drawing of Digestive, Respiratory & Excretory system, Drawing of different joint of human organ. Different drawing of bones, nerve roots & muscle attachment.	
4	Block diagram of X-ray machine and indicating of its parts	

**4<sup>th</sup> Semester--- Engineering Drawing**  
**For the Trade of Radiology Technician (Radio Diagnosis & Radiotherapy)**

Sl. No.	Topics	Duration in Hours
1	Sketches of heart, sketches of Neurons and nerves.	<b>63</b>
2	Sketches of excretory system.  Sketches of digestive system.	
3	Block diagram of CT scanner machine with all its parts	
4	Sketches of respiratory system.	
5	Block diagram of MRI scanner and indicating all parts	