



## **Government of Tamilnadu**

### **Department of Employment and Training**

Course : TNPSC Group II Exam  
Subject : Physics  
Topic : **National Scientific Laboratories**

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**Commissioner,  
Department of Employment and Training.**



# NATIONAL SCIENTIFIC LABORATORIES

LIGO	- INDIGO, Lab located in Hingoli Maharashtra
LIGO	- The laser interferometer gravitational wave observatory
INDIGO	- Indian initiative in gravitational wave observation
Neutrino	- Lab
(INO) India	- Based Neutrino observatory
	- Pottipuram in Bodi, Theni District, Tamilnadu.

Central building research Institute	Roorkee
Central Drug research Institute	Lucknow
Central Electro – chemical research institute	Karaikaudi (TN)
Central Electronics Engineering research institute	Pilani (Rajasthan)
Central food technological research institute	Mysore
Central fuel research institute	Dhanbad (Jharkhand)
Central glass and ceramic research institute	Kolkata
Central institute of medical and aromatic plants	Lucknow
Central leather research institute	Chennai
Central Mining research station	Dhanbad (Jharkhand)
Central salt & marine chemical research institute	Bhavnagar (Gujarat)
Central scientific instrument organisation	Chandigarh
Indian Institute of petroleum	Dehradun

## NATIONAL SCIENTIFIC LABORATORIES

Industrial toxicology research centre	Lucknow
National Botanical research institute	Lucknow
National Biological laboratory	Palampur (HP)
National Environment engineering institute	Nagpur
National Geophysical research institute	Hyderabad
National institute of oceanography	Panaji (Goa)
National metallurgical Laboratory	Jamshedpur
National physical laboratory	New Delhi
Pulsars research laboratory	Pachmarhi (MP)

## ATOMIC RESEARCH CENTRES

Bhabha atomic research centre (BARC)	Mumbai - 1957
Indira Gandhi centre for atomic research (IGCAR)	Kalpakkam - 1971
Centre for advanced technology (CAT)	Indore - 1984
Variable energy cyclotron centre (VECC)	Kolkata - 1977
Atomic minerals directorate (AMD)	Hyderabad -

## ATOMIC SERVICES ORGANISATION

Directors of purchase and stores (DPS)	Mumbai
Construction services and estate management group (CS& EMG)	Mumbai
General services organisation (GSO)	Tamil Nadu
Atomic energy education society (AEES)	Mumbai

## ◆.....◆ NUCLEAR POWER STATIONS

Tarapur	Maharashtra	1969	Two boiling water reactor (BWR)
Rawatbhata	Rajasthan	1973	Pressured heavy water reactors (PHWR)
Kalpakkam	TamilNadu	1984	Pressured heavy water reactors (PHWR)
Narora	Uttar Pradesh	1991	Pressured heavy water reactors (PHWR)
Kakrapar	Gujarat	1993	Pressured heavy water reactors (PHWR)
Kaiga	Karnataka	2007	Pressured heavy water reactors (PHWR)

## HEAVY WATER PRODUCTION

Nangal	Punjab
Baroda	Gujarat
Talcher	Orissa
Tuticorin	Tamil Nadu
Thal	Maharashtra
Hazira	Gujarat
Rawatbhata	Rajasthan
Manuguru	Andhra Pradesh

## SPACE PROGRAMME

Vikramsarabhai space centre (VSSC)	Thiruvananthapuram
ISRO satellite centre (ISAC)	Bangalore
Space applications centre (SAC)	Ahmedabad
Sriharikota space centre (SSC)	Andhra Pradesh

## ♦.....♦ NATIONAL SCIENTIFIC LABORATORIES

Liquid propulsion systems centre (LPSC)	Thiruvananthapuram, Bangalore, Mahendragiri (Tamil Nadu)
Development and Education communication unit (DECU)	Ahmedabad
ISRO telemetry tracking and command network (ISTRAC)	Bangalore
Master Control facility	Karnataka
ISRO inertial system unit (IISU)	Thiruvananthapuram
Physical research laboratory (PRL)	Ahmedabad
National remote sensing agency (NRSA)	Hyderabad
The national mesosphere stratosphere troposphere radar facility (NMRF)	Gadanki
Laboratory for electro optics systems (LEOS)	Bangalore
Region remote sensing service centres (RRSSC)	Bangalore
North eastern space applications Center (Ne – Sac)	Meghalaya
Semic conductor laboratory (SCL)	Chandigarh
The Indian institute of space science and technology (IIST)	Thiruvananthapuram

## SCIENCE & TECHNOLOGY

Agharkar research institute	Pune
Birbalshahni institute of Palaeobotany	Lucknow
Bose institute	Kolkata
Centre for cellular and molecular biology	Hyderabad
Central arid zone research institute	Jodhpur (Rajasthan )

Central coconut research station	Kasergod(Kerala)
Central glass and ceramic research institute	New Delhi
Central inland fisheries research station	Barrackpore (WB)
Central institute of fisheries technology	Erankulam (Kerala)
Central jute technological research institute	Kolkata
Central marine research station	Chennai
Central rice research laboratory	Chepuk, Chennai
Central rice research institute	Cuttack (Orissa)
Central Tobacco research station	Rajamundry (AP)
Centre for DNA fingerprinting and diagnostics	Hyderabad
Centre for liquid crystal research	Bangalore
Dr. B.R. Ambedkar national Institute of technology	Jalandhur
High altitude research laboratory	Gulmarg ( Kashmir)
Indian academy of sciences	Bangalore
Indian agriculture research institute	New Delhi
Indian cancer research centre	Mumbai
Indian institute of astrophysics	Bangalore
Indian institute of geomagnetism	Mumbai
Indian institute of sugar technology	Kanpur (UP)
Indian institute of Tropical Meteorology	Pune
Indian Lac research Institute	Ranchi
Indian National academy of engineering	New Delhi
Indian National centre for ocean and information services	Hyderabad

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### NATIONAL SCIENTIFIC LABORATORIES

Indian national science Academy	New Delhi
Institute of Bio resources and sustainable development	Imphal
Institute of life sciences	Bhubaneswar
Institute of Microbial technology	Hyderabad
Jawaharlal Nehru centre for advanced scientific research	Bangalore
Malaviya national institute of technology	Jaipur
Maulanaazad national institute of technology	Bhopal
Motilal Nehru national institute of technology	Allahabad
National Brain research centre	Manesar
National centre for Antarctic and ocean research	Goa
National centre for cell sciences	Pune
National centre for plant genome research	New Delhi
National dairy research institute	Karnal (Haryana)
National environment engineering research institute	Nagpur (Maharashtra)
National institute of immunology	New Delhi
National institute of ocean technology	Chennai
National seismological database centre	New Delhi
National sugar research institute	Kanpur (UP)
Physical research laboratory	Ahmedabad
Raman research institute	Bangalore
S.V. national institute of technology	Surat
S.N. Bose national centre for basic science	Kolkatta
Seismic research centre	Bangalore



Shirchitratirunal institute for medical S & T	Thiruvananthapuram
The centre for maine living resource & ecology	Kochi
The national centre for biological science	Bangalore
The survey training institute	Hyderabad
Wadia institute of Himalayan Geology	Dehradum

