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# Topic wise content



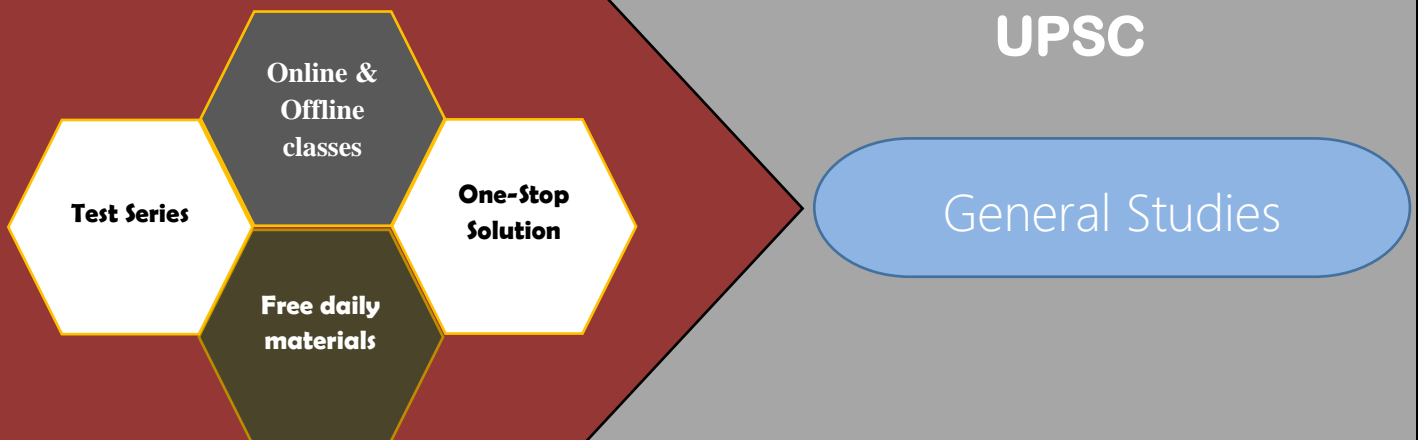
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## NATRAX-High Speed Track

Notes for civil services preparation



### **NATRAX-High Speed Track**

- Recently, the **Minister of Heavy Industries and Public Enterprises** inaugurated NATRAX- the High Speed Track in Pithampur, Indore (Madhya Pradesh).

#### Key Points

#### **About:**

- It is one of the state-of-the-art automotive testing and certification centre under **National Automotive Testing and Research and development (R&D) Infrastructure Project (NATRIP)**,
- NATRIP is the **largest and most significant initiative in the automotive sector** which comprises representatives from the Government of India, a number of State Governments and Indian Automotive Industry.
- It is a flagship project of the Ministry of Heavy Industries.
- It **aims to create a state of the art testing, validation and R&D infrastructure** in the
- It is a world class **3 km High Speed Track**. The track is the **longest in Asia** and the **fifth-largest in the world**.
- It is developed in an **area of 1000 acres of**
- It has **multiple test capabilities** like measurements of maximum speed, acceleration, constant speed fuel consumption, emission tests through real road driving simulation, high speed handling and stability evaluation during manoeuvres such as lane change, high speed durability testing, and is a **Centre of excellence for Vehicle Dynamics**.

#### Location:

- It is located only **50 km away from Indore, the financial capital of Madhya Pradesh**.
- Being centrally located, it is **accessible to most of the major Original Equipment Manufacturers (OEMs)**.

#### Significance:

#### **Development of Prototype Cars for India:**

- **High Speed Track** is used for **measuring the maximum speed capability** of high-end cars like BMW, Mercedes etc which cannot be measured on any of the Indian test
- Foreign OEMs will be looking at NATRAX High Speed Track for the **development of prototype cars for Indian conditions**.
- At present, foreign OEMs go to their respective high speed track abroad for high speed test

One Stop Solution:

- It is one stop solution for **all sorts of high speed performance tests, being one of the largest in the**
- It can **cater to the widest category of vehicles;** say from two wheelers to the heaviest tractor trailers.

