

# Regional Capacity Building & Knowledge Institute Jaipur

## Indian Audit & Accounts Department

Course: Data led Audit for state audit offices

From 06.07.2026 to 10.07.2026

| Course structure        |                                                                                                    |                                                                   |
|-------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| Session Timings         |                                                                                                    | Session Breaks                                                    |
| I 10:00 AM to 11:15 AM  | II 11:45 AM to 01:00 PM                                                                            | 11:15 AM to 11:45 AM                                              |
| III 2:00 PM to 03:15 PM | IV 03:45 PM to 05:00 PM                                                                            | 01:00 PM to 02:00 PM                                              |
| V 5:00 PM to 06:00 PM   |                                                                                                    | 03:15 PM to 03:45 PM                                              |
|                         | Topic                                                                                              | Faculty                                                           |
| DAY 1<br>06.07          | <b>10 AM inauguration by Shri Pravindra Yadav, Director General, RCB&amp;KI Jaipur (Online)</b>    |                                                                   |
|                         | I Introduction to Data-Led Audit Approach                                                          | <b>Shri Vinod Sencha</b><br>Core Faculty (IT), RCB&KI Jaipur      |
|                         | II Case Study on Data Led Audit of Social Security schemes in Rajasthan                            | <b>Shri Puneet Kr. Sharma</b><br>Core Faculty (IT), RCB&KI Jaipur |
|                         | III Data extraction from system generated PDFs                                                     |                                                                   |
|                         | IV Demo/Hands-on inhouse developed tool for data extraction from system generated PDFs             |                                                                   |
|                         | V Hands on Session                                                                                 |                                                                   |
| DAY 2<br>07.07          | I Cleaning of extracted data using Python                                                          | <b>Shri Puneet Kr. Sharma</b><br>Core Faculty (IT), RCB&KI Jaipur |
|                         | II Hands on session                                                                                | <b>Shri Vinod Sencha</b><br>Core Faculty (IT), RCB&KI Jaipur      |
|                         | III-IV Introduction to Anomaly detection with feature engineering;<br>Rule based anomaly detection |                                                                   |
|                         | V Hands on session                                                                                 |                                                                   |
| DAY 3<br>08.07          | I <b>Discussion</b> on SOP for Data Led Audit Approach                                             | <b>Shri Vinod Sencha</b><br>Core Faculty (IT), RCB&KI Jaipur      |
|                         | II <b>Experience sharing</b> from field offices on developments in Data Led Audit                  | <b>Shri Puneet Kr. Sharma</b><br>Core Faculty (IT), RCB&KI Jaipur |
|                         | III-IV ML Algorithm based anomaly detection using RCB&KI inhouse developed Anomaly Detection Tool  |                                                                   |
|                         | V Hands on session                                                                                 |                                                                   |
| DAY 4<br>09.07          | I Web Automation using Python                                                                      | <b>Shri Mahesh Kumawat</b><br>AAO/DAC O/o PAG(A&E)<br>Rajasthan   |
|                         | II Hands on session                                                                                | <b>Shri Ankit Goenka</b><br>Predusk Pvt Ltd, Jaipur               |
|                         | III Use of LLM/AI-ML for audit insights                                                            |                                                                   |
|                         | IV Use of LLM/AI-ML for audit insights                                                             | <b>Shri Aseem Mishra</b><br>O/o PAG(Au) Uttarakhand               |
|                         | V Hands on session                                                                                 |                                                                   |
| DAY 5<br>10.07          | I Group Project Preparation                                                                        |                                                                   |
|                         | II                                                                                                 |                                                                   |
|                         | III Group Project Demonstration                                                                    |                                                                   |
|                         | IV End Course Assessment, Feedback & Valediction by <b>Director General</b>                        |                                                                   |