******International Centre for Information Systems & Audit

Course Schedule NTP on

**“Use of Emerging Technologies in Audit”
 (Artificial Intelligence, Machine Learning & Block Chain)”**

(**15th to 19th May, 2023)**

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| **Date** | **Topic** | **Time** |
|  | **15.05.2022 (Monday)** |  |
|   | **Inauguration** | 10:00 — 10:15 |
| **Session 1****(Day 1)** | Role of Statistical Thinking, Machine Learning and Artificial Intelligence in Government | 10.15 - 11:15 |
|  | **Dr. Deepika Pantola, Assistant Professor, Bennett University, Greater Noida** |  |
|  | **Break** | 11:15 - 11:45 |
| **Session 2** **(Day 1)** | Revolution and Current Trends in Artificial Intelligence &Types of AI and ML Models | 11:45 - 13:00 |
|  | **Dr. Deepika Pantola, Assistant Professor, Bennett University, Greater Noida** |  |
|  | **Lunch Break** | 13:00 - 14:00 |
| **Session 3****(Day 1)** | AI & Data Analytics : Introduction, Descriptive Analysis & Statistical approaches, Predictive Analysis Relevance of Big Data in AI | 14:00 - 15:15 |
|  | **Dr. Deepika Vatsa, Assistant Professor, Bennett University, Greater Noida** |  |
|  | **Break** | 15:15 – 15:45 |
| **Session 4****(Day 1)** | AI & Data Analytics : Introduction, Descriptive Analysis & Statistical approaches, Predictive Analysis Relevance of Big Data in AI | 15:45 – 17:00 |
|  | **Dr. Deepika Vatsa, Assistant Professor, Bennett University, Greater Noida** |  |
|  | **16.05.2022 (Tuesday)** |  |
| **Session 1****(Day 2)** | Application of Artificial Intelligence & ML& Natural Language Processing in Audit | 10:00 – 11:15 |
|  | **Dr. Anshika Arora, Assistant Professor in Bennett University, Greater Noida** |  |
|  | **Break** | 11:15 – 11:45 |
| **Session 2** **(Day 2)** | Application of Artificial Intelligence & ML & Natural Language Processing in Audit | 11:45 – 13:00 |
|  | **Dr. Anshika Arora, Assistant Professor in Bennett University, Greater Noida** |  |
|  | **Lunch Break** | 13:00 – 14:00 |
| **Session 3****(Day 2)** | Emerging trends in AI and ML technology- Deep learning, neural networks, and reinforcement learning in auditing. | 14:00 – 15:15 |
|  | **Ms. Sidhidatri Nayak, Project Engineer** |  |
|  | **Break** | 15:15 – 15:45 |
| **Session 4****(Day 2)** | Emerging trends in AI and ML technology- Deep learning, neural networks, and reinforcement learning in auditing. | 15:45 – 17:00 |
|  | **Ms. Sidhidatri Nayak, Project Engineer** |  |
|  | **17.05.2022 (Wednesday)** |  |
| **Session 1****(Day 3)** | Case studies & Best practices of AI applications in Governance: Healthcare , Education , SmartCity & others  | 10:00 – 11:15 |
|  | **Ms. Sharmistha Dasgupta,** **Deputy Director General / Scientist-G , Sh. Mrityunjaya Singh, Scientist F`, NIC** |  |
|   | **Break** | 11:15 - 11:45 |
| **Session 2****(Day 3)** | Case studies & Best practices of AI applications in Governance Healthcare & others  | 11:45 – 13:00 |
|  | **Ms. Sharmistha Dasgupta** **Deputy Director General / Scientist-G , Sh. Mrityunjaya Singh, Scientist F`, NIC** |  |
|  | **Lunch Break** | 13:00 – 14:00 |
| **Session 3****(Day 3)** | Ethics and Equity in AI and Social Impact  | 14:00 – 15:15 |
|  | **Ms. Sharmistha Dasgupta** **Deputy Director General / Scientist-G , Sh. Mrityunjaya Singh, Scientist F`, NIC** |   |
|  | **Break** | 15:15 – 15:45 |
| **Session 4****(Day 3)** | Applications of AI in Audit – A case Study  | 15:45 – 17:00 |
|  | **Mr. Suresh Nair, Sr. AO (CDMA), O/o the C&AG of India, New Delhi** |   |
| **18.05.2022 (Thursday)** |
| **Session 1****(Day 4)** | Introduction to Block Chain Technology: Concepts, Basics of Digital and Crypto Currency, CBDC- Introduction & characteristics | 10:00 – 11:15 |
|  | **Colonel Inderjeet Singh (Retd.)****Chief Cyber Security Officer- Vara Technology Pvt. Ltd.** |  |
|  | **Break** | 11:15 – 11:45 |
| **Session 2****(Day 4)** | Use of Block chain in government | 11:45 – 13:00 |
|  | **Colonel Inderjeet Singh (Retd.)****Chief Cyber Security Officer- Vara Technology Pvt. Ltd.** |  |
|  | **Lunch Break** | 13:00 – 14:00 |
| **Session 3****(Day 4)** | Enhancing Corporate Governance through Block Chain | 14:00 – 15:15 |
|  | **Mr. Saikrishna Budamgunta, Founder and CEO of Pinaca Technologies** |  |
|  | **Break** | 15:15 – 15:45 |
| **Session 4****(Day 4)** | Forensic Accounting using Block Chain | 15:45 – 17:00 |
|  | **Mr. Saikrishna Budamgunta, Founder and CEO of Pinaca Technologies** |   |
| **19.05.2022 (Friday)** |
| **Session 1****(Day 5)** | Transition to Automated Auditing using Blockchain | 10:00 – 11:15 |
|  | **Mr. Ravinder Kumar Verma, Assistant Professor , Jindal Global Business School**  |  |
|  | **Break** | 11:15 – 11:45 |
| **Session 2****(Day 5)** | Transition to Automated Auditing using Blockchain | 11:45 – 13:00 |
|  | **Mr. Ravinder Kumar Verma, Assistant Professor , Jindal Global Business School** |  |
|  | **Lunch Break** | 13:00 – 14:00 |
| **Session 3****(Day 5)** | GST Chain-A case Study | 14:00 – 15:15 |
|  | **Mr. Mohanraj Polarbalu, Rapidqube Digital solutions Private Limited** |   |
|   | **Valediction** | 15:15 to 16:00 |