

CIO 2.0 Training Programme		
Week-1:Day -1: 4th July 2022 (Monday)		
Timings	Topic	Speakers/Facilitators
09:30 – 10:00	Participants' Registration	
10:00 – 11:05	Inauguration	Shri Harpreet Singh, IAS (DG Dr. MCRHRD IT) Shri Jayesh Ranjan, IAS Principal Secy to Govt., IT&C Shri Rajendra Nimje, ex-IAS Director General, Centre for Good Governance Prof. V Venkat Rao, Adjunct professor IIM Udaipur
11:05 – 11:30	Group Photograph High Tea	
11:30 – 12:15	CIO 2.0 Overview Session 2: Introductory Session •	Smt. Sridevi Ayaluri Course Director
12:15 – 15:30	Session 3& 4: eGovernance, the backbone of Good Governnace • Elements of e-Governance • Benefits of e-Governance • Elements of m-Governance • Case studies of m-Governance • Integrating Emerging Technologies in e-Governance Projects • Role of Chief Information Officers in implementing eGov Projects	Shri Rajendra Nimje, ex-IAS Director General, Centre for Good Governance
15:45 -17:30	Session 5: What and Why of Systems Analysis • Performance analysis of information systems (Write-up on what went wrong with WTC)	Prof. V Venkat Rao, IIM A Retd Adjunct professor IIM Udaipur
	System Design Life Cycle • Requirements specification using structured and object oriented methods Logical system design	

Day – 2: 5th July (Tuesday)		
1.		
Timings	Topic	Remarks
9:30 – 10:00	Recap of previous day sessions	Course Director
10:00 – 11:15	Session 1: Key Lessons from eGovernment Projects	Shri Harpreet Singh, IAS Ex officio Spl. Chief Secretary & DG, Dr. MCRHRD IT
11:30 – 13:30	Session 2: Government Process Reengineering <ul style="list-style-type: none"> Defining Government Process Re-engineering Approach and framework for GPR 	Prof. V Venkat Rao
12:30 – 13:30		
13:30– 14:30	Lunch Break	
14:30 – 16:00	Session 3: Project Management for eGovernance Projects	Smt. Madhavi S, Director, CGG
16.15 to 17.30 CGG Gachibowli Campus	Session 5: Experience sharing on eGovernance Project – Degree Online Services, Telangana (DOST) (Practical run-through on Project Management Principles and lessons learnt)	Sri Hemanth Kumar Panidapu, Senior Project Manager, CGG

Day – 3: 06 July 2022 (Wednesday)		
Timings	Topic	Remarks
09:30 – 10:00	Recap of previous day sessions	
10:00 – 11:30	Session :1 Data Modeling	Prof. V Venkat Rao
11:45-13:30	Session:2 Input-Output Design	Prof. V Venkat Rao
14:30 – 15:45	Session:3 Introduction to Cost Components <ul style="list-style-type: none"> • Classification of costs • Cost Categories in e-Governance Projects <ul style="list-style-type: none"> • Consultancy Services • Software Design, Development and Maintenance • IT infrastructure creation and maintenance • Citizen Service Delivery • Illustrative Templates Margins in System Integrator Engagements	Dr Srinivas Josyula, Associate Professor, IIM Vishakapatnam
16:00 – 17:30	Session:4 IT Infrastructure <ul style="list-style-type: none"> ○ COTs vs Custom Development Vs Cloud ○ SAAS, PAAS, IAAS • Implementation Plan (Group Activity on Cost Components)	Dr Srinivas Josyula

Day – 4: 07 July 2022 (Thursday)		
Learning for the day:		
Timings	Topic	Speakers
09:30 – 10:00	Recap of previous day sessions	
10:00 – 11:30	Session 1&2: Infrastructure requirement analysis for implementation of eGov Projects Software Process <ul style="list-style-type: none"> • Waterfall Model • The Unified Model • The Agility Process Model Requirement Analysis <ul style="list-style-type: none"> • Use Case Model • Requirement Specification • Technical Requirements 	Prof. Salman Moiz, HCU
11:45 – 13:30	Session 3: Software Design <ul style="list-style-type: none"> • Software Architecture, Data Design • Architectural Styles and Patterns • Architectural Design • Design concepts • Function-oriented vs Object -Oriented 	Prof. Salman Moiz, HCU
13:30–14:30	Lunch Break	
15:00 – 17:30	Session 3& 4: Exposure Visit to CGG’s State of the art Data Centre Gachibowli Campus	Sh. Rajendra Nimje Sh. Mahesh Babu, Sr. Project Manager, CGG

Day – 5: 08 July 2022 (Friday)		
Learning for the day:		
Timings	Topic	Speakers
09:30 10:00	Recap of previous day sessions	
10:00 – 11:30	Session 1 : Cloud Computing <ul style="list-style-type: none"> • Cloud computing • Cloud Deployment • Cloud deployment models • Cloud security • Infrastructure Policies • Case study 	B Narayana Principal Cloud Advisor with AWS India (AISPL)
11:45 – 13:30	Session 2 : Law Governance & Compliance	Dr Srinivas Josyula
13:30– 14:30	Lunch Break	
14:30 – 17:00	Session 4: Testing and Documentation PPT on testing/ User Guide for a wrist watch	Prof. V Venkat Rao

Day – 8: 11th July 2022 (Monday)		
Timings	Topic	Speakers
9:30am to 10:00 am	Recap of previous day sessions	Course Director
10:00 – 11::30	Session 1: Business Models and Public Private Partnership <ul style="list-style-type: none"> • What is a business model? • Type of business models? • Conventional and outsourcing models • Type of PPP - advantages/constraints • PPP - exit management, SLA/SLM • Illustrations of BM in G2C, G2B, G2G 	Shri Chaitanya Chava, Partner, PwC
11:45 – 13:30	Session 3: Understanding GPR for e-Gov. Projects – Through a case study (ePass) <ul style="list-style-type: none"> • Trigger for an e-Governance Project – Modification of Law Vs. Government Order • Challenges and Issues in GPR • How to identify & define a problem statement • Elements of a good problem statement 	Shri R Chakradhar Project head TSTSL
13:30 – 14:30	Lunch Break	
14:30 – 15:45	Session 4: Emerging Technologies – Initiatives in Telangana	Smt. Rama Devi Lanka Director Emerging Technologies ITE&C
16:00 – 17:30	Session 5: Understanding GPR for e-Gov. Projects- <ul style="list-style-type: none"> • Understanding of Process Maps • As-Is & To-Be Processes • Flowcharting / activity level process mapping <p>Grp Activity on AS –IS and To Be Process Mapping</p>	Sh. Chakradhar

Day – 9: 12th July 2022 (Tuesday)		
Learning for the day:		
Timings	Topic	Speakers
09:30 – 11:30	Session 1&2: Transformation of Government Services – Case Study on Government Process Re-engineering (Project Case study on Finance Department) <ul style="list-style-type: none"> • Process Optimization and Re-design • Process Analysis • Process and Legal Reforms • Integrating Legacy Systems • Best Practices in Process Transformation • Challenges in GPR Process 	Shri K Ramakrishna Rao, IAS Spl.Chief Secretary, Govt. of TS
11:45- 13:30	Session 3: Data Strategy for Digital Transformation <ul style="list-style-type: none"> • Data Analytics • Case study – One Nation One Ration Card 	Smt. Annapurna, Scientist-D, National Informatics Center
14:30 – 15:30	Session 4: mGovernance	Shri Lokesh Jella, Senior Project Manager, CGG
15:45 – 17:00	Session 5: Case Study on Change Management - Presentation on Comprehensive Registration of Pesticides (M/o Agriculture and Farmers Welfare, GoI)	Smt. Rajani V, Project Manager, CGG

Day – 10: 13th July 2022 (Wednesday)		
Timings	Topic	Speakers
09:30 – 10:00	Recap of previous day sessions	
10:00 – 11:15	Session 1: Change Management Managing People Change in e-Gov. <ul style="list-style-type: none"> • Significance of ‘People’ and ‘Organizational’ Change • People and Organisational Change in e-Governance projects • Implications of Change Management • People related challenges in Change Management 	Dr. A K Srinivas Consultant, World Bank Group
11:30- 12:30	Session 2: Walk through a Change Management Plan for e- Governance project	Dr. A K Srinivas
12:30 – 13:30	Session 3: Implementation of eGovernance Projects across departments in Telangana State	Shri P. Srinivas, JD, ITE&C Govt. of TelanganaS
14:30 – 17:00	Session 4&5: Group Activity on Service Prioritization, As-is, To be, Costing, Change Management	Dr. A K Srinivas

Day –11: 14th July 2022 (Thursday)		
Learning for the day:		
Timings	Topic	
09:30 –	Recap of previous day sessions	
10:00 – 11:30	Session 1: Role of Emerging Technologies in IT Projects Presence less and contactless service delivery using AI,ML, Big data and deep learning"- Experience of Telangana.	Shri G T Venkateshwar Rao, IRS
11:45- 12:30	Session 2: Sheep & Goat Deworming Monitoring System	Dr. K Karthik , Veterinary Asst. Surgeon
12:30 – 13:15	Session 3: Power of GIS for planning <ul style="list-style-type: none"> • GIS initiative of Forest Department • Case study 	Dr. A Rama Murthy, ACF HRD
13:30– 14:30	Lunch Break	
14:30 – 17:00	Session 3&4: Conceptualization and Estimation of e-Governance Project - DPR <ul style="list-style-type: none"> • Objectives for preparation of DPR • GoI guidelines for preparation of DPR • Key elements of DPR • Activity 	Shri Chaitanya Chava, Partner, PwC

Day –12: 15th July 2022 (Friday)		
Learning for the day:		
Timings	Topic	
09:30 – 10:00	Recap of previous day sessions & debriefing on field visit	
10:00 – 11:30	Session 1: Procurement Management (Request for Proposal) Procurement of e-Governance Project – RFP- Part-I <ul style="list-style-type: none"> • Functional Requirements Specification • Hardware Requirements • Technical Requirements • Deployment architecture • Service Level Management • Implementation Plan 	Shri Agastya Yechuri Manager, PwC
11:45 – 1:15pm	Session 2: Quality Control & Risk Management	Shri. J Satyanarayana, IAS Retd., (Advisor WEF)
13:30– 14:30	Lunch Break	
14:30- 17:00	Session 3& 4 :Cyber Security	Dr. Sriram Birudavolu CEO Cyber Security CoE, NASSCOM/DSCI Hyderabad

Day –13: 16th July 2022 (Saturday)		
Learning for the day:		
Timings	Topic	
09:30 – 10:00	Recap of previous day sessions	Course director
10:00 – 11:30	Preparation for Group Presentation	
11:45 – 1:15pm	<p>Session 2: Programme Monitoring & Control Aspects - Key challenges faced in implementation of e-Governance project</p> <p>Lessons Learnt</p> <ul style="list-style-type: none"> • Vendor selection • Implementation timelines • Project Management Unit • Acceptance of e-Governance system • SLA management • Third party audit • Data management • Exit management • Change control • Retaining control over the e-Governance project 	Shri. J Satyanarayana, IAS Retd., (Advisor WEF)
13:15– 14:15	Lunch Break	
14:30 – 15:30	Session 3: Social Engineering Crimes and Digital Intelligence	Shri Anil Rachamalla, Founder & CEO End Now Foundation
15:45 – 16:45	Participants Presentations	Shri Harpreet Singh, IAS Shri Rajendra Nimje, ex-IAS Director General, Centre for Good Governance
16:45 – 17:30	Briefing on Project work Valediction	