

SSC100M:PROGRAM ORIENTATION-I

L:3 T:0 P:0 Credits:3

Course Outcomes: Through this course students should be able to

CO1 :: Elaborate the structure, objectives, educational outcomes, specialization baskets, academic framework, and career opportunities associated with the academic program.

CO2 :: Formulate awareness of technology evolution, current industry trends, and emerging technologies, and their impact on the discipline.

CO3 :: Identify domain-specific career requirements, develop relevant skill sets, and formulate strategies for personal and professional career development.

CO4 :: Explore national competitions, scholarships, and academic enrichment opportunities to enhance learning, competency, and academic excellence.

CO5 :: Assess global opportunities, professional certifications, and MOOCs to strengthen employability, international exposure, and lifelong learning.

CO6 :: Prepare a personalized academic roadmap by integrating Star Courses, elective courses, and career-oriented learning pathways aligned with individual aspirations and academic strengths.

Unit I

Academic program overview : University and Program Overview, School Vision and Mission, Program Introduction and Objectives, Program Duration and Academic Structure, Curriculum Structure (Definition, purpose and importance), Core, Elective and Specialisation Courses, Credit Distribution and Course Progression, Prerequisites and Elective Baskets

Unit II

Emerging technologies and future of the discipline : Emerging Technologies in Social Sciences, Artificial Intelligence and Digital Transformation in Social Sciences, Digital Research Methods, Social Innovation and Sustainable Development, Future Directions and Professional Competencies, ethical issues in AI and responsible use of emerging technologies

Unit III

Edu-revolution and academic enrichment : Introduction to EDU-Revolution, Vision and Objectives, Student-Centric Revenue Generation Model (SCRGM), Projects, internship Beyond curriculum, technical competitions and hackathons, MOOCs (NPTEL/SWAYAM)/ Certifications, Recognition of Prior Learning (RPL), Community Development Projects, Social Media Presence, Academic Benefits

Unit IV

Career pathways, career goal setting and professional development : Career Pathways, overview of various career pathways after graduation, Corporate Careers (Placements), entrepreneurship & startups, higher studies, government services, International Career Opportunities, Career Aspiration Mapping

Unit V

Professional portfolio development : Introduction to Professional Portfolio, Purpose and Importance, Portfolio Components, Academic Projects, Startup/ Entrepreneurship, Certifications, internships and Competitions, Research Publications, Patents and Copyrights, Extracurricular Activities, Leadership and Volunteering, Portfolio Enhancement, Continuous Portfolio Development, Digital Portfolio Platforms, Personal Branding

Unit VI

Dream CV and career roadmap : Dream CV Development: Career Objective, Professional Profile, Academic Achievements, Technical Skills, Soft Skills, Certifications, Projects, Internships, Publications, Leadership Experience, Professional Achievements, Career Readiness Assessment: Competency Mapping, Current vs Desired Competencies, Skill Gap Analysis, Learning Resources, Professional Development Plan, Four-Year Career Roadmap: Individual Development Plan (IDP), Semester-wise Academic Milestones, Certification Roadmap, Internship Roadmap, Placement Preparation Strategy

Text Books: 1. NATIONAL EDUCATION POLICY 2020 by DR. KESHAB CHANDRA MANDAL, NOTION PRESS CHENNAI

References: 1. EFFECTIVE TECHNICAL COMMUNICATION by M. ASHRAF RIZVI, Tata McGraw Hill, India

