

DISCIPLINE SPECIFIC ELECTIVE COURSE – 3 (DSE-3): PROJECT FORMULATION AND IMPLEMENTATION

Credit distribution, Eligibility and Prerequisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/Practice		
PROJECT FORMULATION AND IMPLEMENTATION DSE 3 SW 323	4	3	0	1	12th Pass	NIL

Learning Objectives

The Learning Objectives of this course are as follows:

- To understand the techniques and procedures related to project formulation, project planning and implementation.
- To learn project identification, feasibility analysis, design, financing, implementation, monitoring and evaluation.
- To learn application of various tools for analyzing the problems in order to select the projects.

Learning outcomes

At the end of the semester the students will be able to

- Develop knowledge about the essential components of project formulation and project appraisal.
- Execute a project to achieve specific goals that will benefit the society.
- Apply appropriate approaches to plan a new project and develop project schedule.

SYLLABUS OF DSE- 3

Unit I: Introduction to Project Formulation and Planning Unit Description: This unit will give an opportunity to the students to understand the project formulation, planning and selection.	15 Hours
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<p>Subtopics</p> <ul style="list-style-type: none"> • Project formulation: meaning, objectives, importance, types, project selection and formulation • Stages of project formulation • Project planning: Project scope, estimation, basic scheduling, resource levelling & allocation 	
<p>Unit II: Project Appraisals</p> <p>Unit Description: This unit will give an opportunity to the students to learn project appraisal and report writing.</p>	15 Hours
<p>Subtopics:</p> <ul style="list-style-type: none"> • Feasibility study: Types and steps in feasibility study • Project appraisal techniques: Measures of project risk, Sensitivity Analysis, Scenario Analysis, Simulation Analysis • Limitation of project appraisal and report 	
<p>Unit III: Project Implementation and Monitoring</p> <p>Unit Description: This unit will give an opportunity to the students to gain an in-depth knowledge about project implementation and monitoring</p>	15 Hours
<p>Subtopics:</p> <ul style="list-style-type: none"> • Project implementation: Prerequisites for successful project implementation, stages of implementation and teamwork • Project monitoring: meaning, objectives, needs and significance • Monitoring techniques and monitoring schedules 	
<p>Unit IV: Project Evaluation and Review</p> <p>Unit Description: The students will be engaged in various learning activities related to practical application of steps and techniques of project evaluation and review.</p>	30 Hours
<p>Subtopics:</p> <ul style="list-style-type: none"> • Project evaluation: meaning, objectives, scope, stages, approach and steps • Techniques of project evaluation: Time estimation, PERT Model, CPM Model, Performance Audit, input analysis, financial cost-benefit analysis, social-cost benefit analysis • Environmental impact assessment, case studies of development projects. 	

Practical component (if any) – Unit IV application based

30 Hours

Essential Readings:

- Arya, T.S. (2014). Illustrated Project Proposals for NGOs and Social Workers. Nabhi Publication, New Delhi.
- Blanchard, P.N., Thacker, J.W. (2005). Effective Training: Systems, Strategies and Practices. Prentice Hall, India.
- Goel, B.B. (2001). Project Management: A Development Perspective. Deep & Deep Publications. New Delhi.
- International Tropical Timber Organization (2009). Manual for Project Formulation (3rd ed.) GI Series 13.
- Jawahar Lal Nehru National Urban Renewal Mission, GOI. Detailed Project Report: Preparation Toolkit (Sub-mission for Urban Infrastructure and Governance), Government of India.
- Khanna, R. B. (2011). Project Management, PHI Learning Private Limited. New Delhi.
- Thakur, D. (1992). Project Formulation & Implementation. Deep & Deep Publications, New Delhi.
- Virendra, C.A., Pamecha, K. (2018). Guide to Project Reports, Project Appraisals and Project Finance (a Handbook on Project management). Xcess Informatics & Services.

Suggested Readings:

- Diwan P. (n.d.). Project Management, Deep & Deep Publications, New Delhi.
- Gautam, V., Shobhana G. (2008). Training and Development. Indian Society for Training and Development, New Delhi.
- Larson, E.W., Clifford, F. G., & Joshi, R. (2021). Project Management-The Managerial Process (8th ed.). Tata Mcgraw-Hill Publishing Co. Ltd.
- Meredith, J.R., Mantel Jr. S. J. (2009). Project Management- A Managerial Approach. John Wiley and Sons, USA.
- Steve Truelove (1997). Handbook of Training and Development. Wiley–Blackwell

Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time,