

Course Code	CP313			
Course Title	Independent Study			
No. of Credits	2			
Pre-requisites	None			
Compulsory/Optional	Compulsory			
Aim(s):				
To develop passion, confidence and self-learning skills to acquire new knowledge based on a topic not available through other coursework.				
Intended Learning Outcomes:				
On successful completion of the course, the students should be able to;				
ILO1: Effectively extract relevant information from authentic sources such as books and journal articles.				
ILO2: Critically analyze the information gathered.				
ILO3: Communicate scientific and technical information effectively with confidence in verbal and written forms.				
Topics	Time Allocation/Hours			
	L	T	P	A
<ul style="list-style-type: none"> Authentic databases for scientific information Books, journal articles, patents, etc. 	04			40
<ul style="list-style-type: none"> State of the art knowledge on a selected topic Extract and critically analyse the information, citations and references. 	04			
<ul style="list-style-type: none"> Effective presentation skills Presentation structure, presentation aids, audibility, visibility, clarity, time management, handling questions. 	02			
Total equivalent hours	10			20
Recommended Texts:				
<ul style="list-style-type: none"> Adair, J., The Art of Creative Thinking – How to be Innovative and Develop Great Ideas, (Reissue Ed), Kogan Page Publishers, 2007. Ogden, T., Goldberg, I., Research Proposals-A Guide to Success, (3 Ed), Academic Press Books-Elsevier, 2002. Steele, W. R., Presentation Skills 201: How to Take it to the Next Level as a Confident, Engaging Presenter, (Kindle Ed), Outskirts Press, 2012. Carey, S. S, A Beginner’s Guide to Scientific Method, (4 Ed), Wadsworth Cengage Learning, 2011. Thiel, D.V., Research Methods for Engineers, (1 Ed), Cambridge University Press, 2014. Wallwork, A., English for Writing Research Papers, (2 Ed), Springer, 2016. 				
Assessment	Percentage Mark			
In-course			100	
Presentation and Viva-Voce examination	70			
Report	30			
End-semester				

