

Type	Course Code	Name of Course	L	T	P	Credit
DP	NCHC512	Term Paper and Presentation	0	0	3	1.5

Course Objective	
<ul style="list-style-type: none"> <li>The primary objective of this course is to provide an opportunity for the students to understand the purpose of scientific research.</li> <li>The course offers a platform to train the students on how to conduct literature review in order to identify the research gaps in the literature. Ample exposure would be given to the students on different styles of conducting scientific research (experimental/modelling/simulation). Effective ways of communicating research findings (oral and written) would be taught.</li> </ul>	
Learning Outcomes	
<ul style="list-style-type: none"> <li>To Understand the purpose, types and the process of scientific research. Critically analyses published literature. Communicate and present his/her research findings effectively.</li> </ul>	

Unit No.	Description of Methods on which lab conducted
1.	<b>Module – 1: Introduction to Research</b> Types and styles of research; The process of research
2.	<b>Module – 2: Formulation of Research Problem</b> Literature survey – literature sources, critical review methods. Art of reading and understanding scientific papers, reports, theses.
3.	<b>Module – 3: Execution of Research Work</b> Experimental research skills. Theoretical research skills.
4.	<b>Module – 4: Communication of Scientific Research</b> Art of writing research papers and thesis. Plagiarism, unfair means and research ethics. The process of peer-review. Oral presentation skills.
5.	<b>Module – 5: Oral presentation</b>
6.	<b>Concluding remarks by instructors</b>
	<b>Total Contact hours: 42</b>