

**COURSE TITLE : MASTER PREPARATION LAB**  
**COURSE CODE : 4108**  
**COURSE CATEGORY : P**  
**PERIODS/ WEEK : 4**  
**PERIODS/ SEMESTER : 56**  
**CREDIT : 2**

**Course Outcomes:**

<b>G.O</b>	<b>ON THE COMPLETION OF THE STUDY OF THIS MODULE STUDENT WILL BE ABLE :</b>
1	To comprehend plate preparation with CTP technology.
2	To demonstrate preparation of PS plate by the help of exposing machine and developing machine.
3	To analyze the effect of imposition scheme and sheet reversal methods on the arrangement of pages in the layout.
4	To demonstrate stencil preparation for screen printing by direct and indirect method.
5	To analyze the quality of the prepared master.

**PRACTICAL EXPERIMENTS:**

1. Familiarization of sheet work imposition, work and turn and work and tumble/back.
2. Familiarization of half sheet work imposition with work and turn and work and tumble.
3. Preparation of master for sheet-fed offset according to machine specifications.
4. Preparation of master/stencil for screen printing by direct method.
5. Preparation of master/stencil for screen printing by indirect method.(using five star film)
6. Analyze the plate preparation on CTP machine.

**NOTES**

1. Students should be well familiar with sheet turning methods and imposition.
2. The student should include the defects, if any in the masters they have prepared and should mention solution for the same in the record(Fair and rough)