

# SHREE H.N. SHUKLA GROUP OF COLLEGES

(AFFILIATED TO SAURASHTRA UNIVERSITY & GTU)



2-vaishali nagar, Near  
Amrapali railway  
crossing,  
Raiya road, Rajkot-  
360001. Ph.No.-  
(0281)2440478, 2472590

3-vaishali nagar, Near  
Amrapali railway  
crossing,  
Raiya road, Rajkot-  
360001. Ph.No.-  
(0281)2471645

Behind marketing yard,  
Near Lalpari lake,  
Between Amargadh-  
Bhichri, Rajkot-360002.  
Ph.No.-90990 63150

## M. Sc. SEMESTER-III

### ORGANIC-PHARMACEUTICAL CHEMISTRY

#### C(OP)-305: PRACTICALS

1. Multicomponent reactions
2. Fries reaction
3. Friedel-Craft reaction
4. Mannich reaction
5. Beckmann reaction
6. Fischer indole synthesis
7. Hoffmann Degradation
8. Benzil-benzilic acid reaction
9. Ullmann reaction ( Nascent Copper preparation and use)
10. Cyclocondensation reaction
11. Formylation reaction
12. Pechmann condensation

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**ORGANIC-PHARMACEUTICAL CHEMISTRY**

**C(OP)-306: VIVA VOCE**

Theory based on C(OP)-3-1 to C(OP)-304 and practicals