

**HYDRODYNAMIC AND MASS TRANSFER STUDIES  
IN A DOWN FLOW JET LOOP SPARGED REACTOR  
USING NON-NEWTONIAN FLUID**

**A PROJECT REPORT**

Submitted by

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*in partial fulfillment of the  
requirements for the award of the  
degree  
of*

**BACHELOR OF TECHNOLOGY IN  
CHEMICAL ENGINEERING**

**DEPARTMENT OF CHEMICAL  
ENGINEERING**



**KONGU ENGINEERING COLLEGE**

**(Autonomous)**

**PERUNDURAI ERODE-638060**

**MAY 2022**

**DEPARTMENT OF CHEMICAL ENGINEERING****KONGU ENGINEERING COLLEGE****(Autonomous)****PERUNDURAI ERODE-638 060****MAY 2022****BONAFIDE CERTIFICATE**

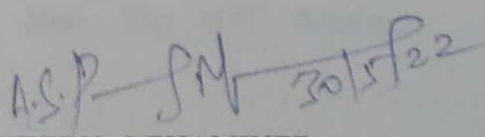
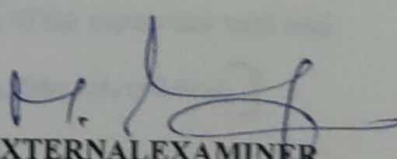
This is to certify that the Project report entitled **HYDRODYNAMIC AND MASS TRANSFER STUDIES IN A DOWN FLOW JET LOOP SPARGED REACTOR USING NON-NEWTONIAN FLUID** is the bonafide record of project work done by **ARTHANARIEASWARAN AR (18CHR006), ASHWIN R (18CHR009), JEEVITHA K (18CHR039)** in partial fulfillment of the requirement for the award of the **Degree of Bachelor of Technology in CHEMICAL ENGINEERING** of Anna University Chennai during the year 2021-2022.

  
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Submitted for the end semester viva voce examination held on \_\_\_\_\_

  
**INTERNAL EXAMINER**  
**EXTERNAL EXAMINER**