



EXCEL ENGINEERING COLLEGE

(Autonomous)

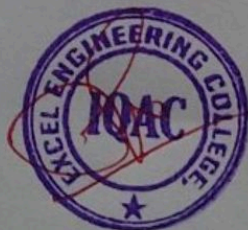
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO,CSE, MECH,ECE), NAAC with "A+" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

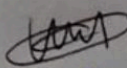
Criteria II – Teaching Learning and Evaluation

2.3	Teaching Learning Process
2.3.2	Teachers use ICT enabled tools including online resource

INDEX

S.No	Description
1	ICT Enabled Classrooms




Head of the Department
Dept. of Petrochemical Technology
Excel Engineering College (Autonomous)
NH-544, Pallakkapalayam,
Komarapalayam-637303, Namakkal (Dt.), Tamilnadu



EXCEL ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO,CSE, MECH,ECE), NAAC with "A*" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303


DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

ACADEMIC YEAR (2022-23)

FACULTY MEMBERS USING ICT FOR EFFECTIVE TEACHING

WITH LMS AND E-LEARNING RESOURCES

S.No	Number of Teachers on Roll	Number of Teachers using ICT (LMS,e-Resources)	ICT Tools and Resources Available	Number of ICT enabled Classrooms	Number of Smart Classrooms	E-resources and Techniques Used
1	8	4	LCD Projector and NPTEL	1	1	Courseware's NPTEL


HoD/PCT



EXCEL ENGINEERING COLLEGE

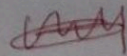
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO,CSE, MECH,ECE), NAAC with "A*" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY ACADEMIC YEAR (2022-23) LIST OF FACULTY MEMBERS USING ICT FOR TEACHING

ODD AND EVEN SEMESTER

S.No	Faculty Name	Designation	Name of the Subject	ICT Tools used
1	MRA.MEENAKSHI SUNDAR	Associate Professor	20PC402 & Heat Transfer Operations	❖ PPT ❖ NPTEL Videos ❖ Animation Videos
2	Dr.T.HABEEBUR REHMAN	Assistant Professor	20PC303 & Chemical Process Calculation	❖ PPT ❖ NPTEL Videos ❖ Animation Videos
3	MR.C.HARSHA AVARDHAN	Assistant Professor	20PC304 & Mechanical operations	❖ PPT ❖ NPTEL Videos ❖ Animation Videos
4	MRS.PONCHANDRAN	Assistant Professor	20PC301 & Fluid mechanics for Chemical Engineers	❖ PPT ❖ NPTEL Videos ❖ Animation Videos
5	MR.P.ILAVALAGAN	Assistant Professor	20PC403 & Petroleum Exploration and Exploitation Techniques	❖ PPT ❖ NPTEL Videos ❖ Animation Videos
6	MR.YASVANTHRAJAN	Assistant Professor	20PC401 & Chemical Engineering Thermodynamics	❖ PPT ❖ NPTEL Videos ❖ Animation Videos
7	MR.P.SANTHOSH	Assistant Professor	20PC404 & Natural Gas Engineering	❖ PPT ❖ NPTEL Videos ❖ Animation Videos


HoD/PC T



EXCEL ENGINEERING COLLEGE

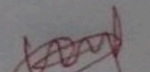
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Accredited by NBA (AERO,CSE, MECH,ECE), NAAC with "A+" and Recognised by UGC (2f &12B)

KOMARAPALAYAM - 637303

8	MR.N.GURUSAMY	Assistant Professor	20PC305 RESERVOIR ENGINEERING	<ul style="list-style-type: none">❖ PPT❖ NPTEL Videos❖ Animation Videos
---	---------------	---------------------	-------------------------------	---


HoD/PCI



EXCEL ENGINEERING COLLEGE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA(AERO,ECE,CSE,MECH) & NAAC with "A+" and
Recognized by UGC (2f &12B)KOMARAPALAYAM - 637303

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

SMART CLASSROOMS





EXCEL ENGINEERING COLLEGE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA(AERO,ECE,CSE,MECH) & NAAC with "A+" and
Recognized by UGC (2f &12B)KOMARAPALAYAM - 637303





EXCEL ENGINEERING COLLEGE (Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA(AERO,ECE,CSE,MECH) & NAAC with "A+" and
Recognized by UGC (2f &12B)KOMARAPALAYAM - 637303



Tiruchengode, Tamil Nadu, India
CQWC+V79, Tiruchengode, Tamil Nadu 638008,
India
Lat 11.447092°
Long 77.770206°



About us Courses Contact us

Courses Chemical Engineering NOC:Basic Principles and Calculations in Chemical Engineering (Video) Syllabus

Co-ordinated by : IIT Guwahati Available from : 2019-11-13 Lec :7

Modules / Lectures

- Intro Video
- Introduction
- Process Variables and Rate
- Fundamentals of Material Balance
 - Lec 7: Principles of material balance and calculation
 - Lec 8: Material Balances on Processes with Recycle & Bypass
 - Lec 9: Material balances on reactive processes
 - Lec 10: Material balances on combustion reactions
- Basic Principles of Compressible System
- Basic principles of multiphase system
- Energy and Its Forms

Watch on YouTube Video Download Videos Transcripts Books

Labeling a Proces Flowsheet

Problem: An amount of 100 kg/h of a mixture of 50% benzene and 50% toluene is separated in a distillation column. The distillate contains 90% benzene and the bottom stream composition is 95% toluene (compositions are in weight percent). Draw and label the process flowchart, and specify vapor and liquid streams.

৬৬৬. ৯০% অম্লপূর্ণী কিস ৯৯৯.
৯৯ কিস ৯৯৯৯ (stirred)