

EXCEL ENGINEERING COLLEGE

(Autonomous)

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

Accredited by NBA and NAAC with "A+" and Recognized by UGC(2f&12B)

KOMARAPALAYAM - 637303

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

SECOND BOARD OF STUDIES_MEETING

Members Present

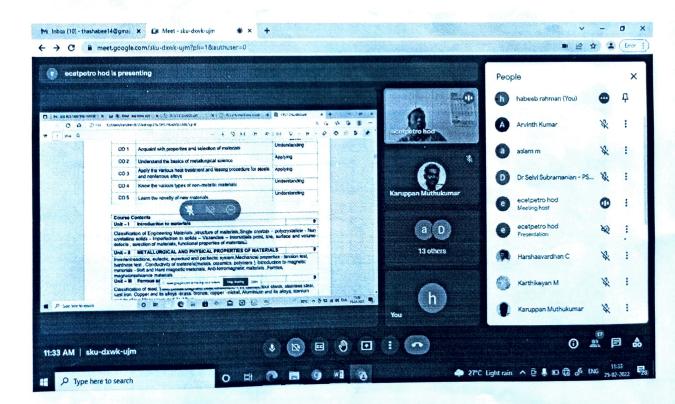
Date: 25-02-2022

S.No.	Name and Affiliation	Member	Signature
1.	Prof. A. Meenakshi Sundar Head of the Dapartment Department of Petrochemical Technology Excel Engineering College Komarapalayam.	Chairman, BoS	8 18 ruf
2.	Dr. Selvi Subramaniam Professor, Department of Biotechnology PSG college of Technology coimbatore	University Nominee	Silah
3.	Dr. K. Muthukumar Professor, Department of Chemical Engineering National Institute of Technology, Tiruchirappalli Tamilnadu, India.	Academic Expert, Member	Mul

	Dr. M. A.		
	Dr. M. Aslam Abdullah		7
4.	Assistant Professor(Senior)	Academic Expert, Member	
	School of Chemical Engineering,		Alah
	Vellore Institute of Technology(VIT)		
	Vellore.		
5.	Mr. A. Tittualagu		, ,
	Senior Manager(Design Process),FEDO	Industrial Expert, Member	
	The Fertilizers and Chemicals Travancore limited(FACT)		
	Kochi-683501		
	Mr. M. Karthikeyan	Special Invitee, Member	
	CCR Operator,		2
6.	Tamilnadu Cements Corporation limited		bulling.
	(TCCL-Govt Of Tamilnadu Undertaking),		<i>X</i>
	Ariyalur Cements Work, Ariyalur-621729		
	Mr. M. Sathish Kumar	Special Invitor	
7	SITE DCS ENGINEER(SITE OPERATIONS)	Special Invitee, Member	Queun
7.	Shell Technology center,		Spirit Sp
	Industrial park north,Bengaluru,Karnataka		
	Mr. J. Selva Kumar	Special Invitee, Member	1. Jal
8.	Assistant Manager		Pelvakrenas
	Tamilnadu News Print And Papers Ltd, Kagithapuram, Karur-639136, Tamil Nadu, India		
9.	Mr. Akhil Santhosh		\sim
	Graduate Engineer Trainee	UG Alumnus	
	Kudankulam Nuclear power plant,		dilla
	Coimbatore.		

	Mr. Arun Antony		1 0 0
10.	Assistant Professor	Special Invitee, Faculty	Alumbury
	Department of ECE	2	
	Excel Engineering College		
11.	Dr. Habeebur Rahman	Autonomous Coordinator,	Me
	Assistant Professor	Member	
12.	Dr. A. M. Sakthivel	Department	
	Assistant Professor	Faculty, Member	(cm) 81
13.	Mr. C. S. Arvinth Kumar	Department Faculty, Member	Q L
	Assistant Professor		
		Department	0
14.	Mr. P. Santhosh	Faculty, Member	7
	Assistant Professor		1
	Mr. C. Harshaavardhan	Department Faculty, Member	
15.	Assistant Professor		Shire!
		Department	Jan .
16.	Mr. C. P. Suresh Assistant Professor	Faculty, Member	Mas .
17.	Mr. A. Senthil Assistant Professor	Department Faculty, Member	Soth.











EXCEL ENGINEERING COLLEGE

(Autonomous)

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

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY BOARD OF STUDIES MINUTES OF MEETING

Meeting No : EEC/BoS - 2 / PCT / 2022 - 23

Date : 25.02.2022

Time : 11.15 AM

Venue : Online Mode (Via Google Meet)

Link : meet.google.com/sku-dxwk-ujm

Agenda:

1. To discuss and pass the syllabi of the courses of II year B. Tech. Petrochemical Technology programme for the students admitted from 2020-21 academic year onwards.

 To discuss and pass the syllabi of the One Credit Courses of II year B. Tech. Petrochemical Technology programme for the students admitted from 2020-21 academic year onwards.

3. Other relevant matter.

The Following members were present:

S. No.	Name	Member
1	Prof. A. Meenakshi Sundar	Chairman, BoS
2	Dr. Selvi Subramaniam	University Nominee
3	Dr. K. Muthukumar	Academic Expert, Member
4	Dr. M. Aslam Abdullah	Academic Expert, Member
5	Mr. A. Tittualagu	Industrial Expert, Member
6	Mr. M. Karthikeyan	Special Invitee, Member
7	Mr. M. Sathish kumar	Special Invitee, Member
8	Mr. J. Selva kumar	Special Invitee, Member
9	Mr. Akhil Santhosh	UG Alumni
10	Mr. Arun Antony	Special Invitee, Faculty
11	Dr. Habeebur Rahman	Autonomous Co-ordinator, Member
12	Dr. A. M. Sakthivel	Department Faculty, Member
13	Mr. C. S. Arvinth Kumar	Department Faculty, Member
14	Mr. P. Santhosh	Department Faculty, Member
15	Mr. C. Harshaavardhan	Department Faculty, Member
16	Mr. C. P. Suresh	Department Faculty, Member
17	Mr. A. Senthil	Department Faculty, Member

At the onset, Prof. A. Meenakshi Sundar gave welcome address for the meeting of BoS. The following deliberations were made as per the items mentioned in the circulated agenda.

Resolutions

1. Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum and syllabi of B. Tech Petrochemical Technology programme with the following changes.

RECOMMENDATION	RESOLUTION
 B. PCT. 1.1 Dr. Selvi Subramanian suggested the following All COs and POs need to be checked throughout and the errors need to be rectified. 	B. PCT. R 1.1
B. PCT. 1.2. Dr. K. Muthukumar suggested the following	B. PCT. R 1.2
20PC301 Fluid Mechanics for Chemical Engineers	
 ✓ Pre-requisites to be deleted. ✓ CO- 5th point to be replaced. ✓ Dynamics of Bubble-cap Distillation to be removed. ✓ Manufacture of Lead Shot – to be deleted. ✓ Topics related to Moody Chart, Momentum, and Flow through pipes to be included. ✓ Dimensional Continuity Equation to be deleted. ✓ Unit 2 to be revised. ✓ Reference book 1 to be replaced as Text Book. ✓ Book authored by R. K. Bansal to be shifted to Reference Book. ✓ Book authored by White to be shifted to Text Book. ✓ CO/PO/PSO Mapping is pending. 	
20PC304 Mechanical Operations	
✓ Topic related to Screening methods & Screen efficiency found to be already included in the Unit 2.	
20PC301 Reservoir Engineering	
✓ Pre-requisites to be deleted.	
20PC301 Fluids and solids Operations Laboratory	
 ✓ Correction – CO5 – Design "of" size separation ✓ Correction – 11th Exp – "Determination of Reduction ration in Jaw Crusher. ✓ Correction – 11th Exp – "Determination of Reduction ration in Ball Mill. 	,

20PC401 Chemical Engineering Thermodynamics

- ✓ Pre-requisites to be deleted.
- ✓ Regulations to be updated.
- ✓ No Basic Mechanical Engineering paper in curriculum, so TD Laws should be combined in the 1st unit itself.
- ✓ 2nd Unit should comprised of the 2nd TD Law and the topics suggested by Dr. M. Aslam Abdullah.
- All general cycles and improvement methods to be included.
- ✓ Topics related to Psychrometric process, adiabatic saturation, cooling, humidification, dehumidification etc. to be included 3rd unit.
- ✓ Heat engine, criteria for stability topics to be deleted from 3rd unit.
- ✓ 3rd TD Law should be include in 2nd unit
- ✓ Topics related to Economiser, Preheater, Binary and Combined Cycles shall be exempted.
- ✓ The course handling faculty is given the liberty
 to frame the syllabus accordingly, so that the
 load to the student is found optimum.

20PC403 Petroleum Exploration and Exploitation Techniques

✓ Topics related to Survey methods to be included in 2nd unit.

20PC404 Natural Gas Engineering

- \checkmark 2nd unit is to be fully removed.
- \checkmark 2nd unit is to be merged with 1st unit.
- ✓ In 2nd unit NG offshore production, floating, mobile platform, differences between offshore & onshore techniques are to be included.

20PC405 Petroleum Primary Processing Technology

- ✓ Title of the paper is to be changed as "Petroleum Processing 1"
- ✓ Units 4 & 5 shall be kept as such

20PC406 Drilling Fluids Laboratory

✓ Blooms Taxonomy for 4th experiment is to be changed.

20PC406 Drilling Fluids Laboratory

- ✓ Blooms Taxonomy for 4th experiment is to be changed.
- ✓ Blooms Taxonomy for 1st, 2nd, 6th experiment is to be changed

20P1304 Technical Analysis Laboratory

✓ Blooms Taxonomy for 1st, 2nd and 6th experiment to be changed.

20PCA04 Transportation of Chemicals

✓ Title of the course is to be changed as "Logistics of Chemicals"

20PCA02 Membrane Technology

✓ Title of the 2nd Unit, "Halal Food . . ." is to be corrected, which is not pertinent to the course.

B. PCT. R 1.3

B. PCT. 1.3 Dr. M. Aslam Abdullah suggested the following

20PC303 Chemical Process Calculations

✓ Topic related to "Conservation of Energy process without Reaction" is to be included.

20PC304 Mechanical Operations

- ✓ Topic related to Principles of granulation, Briquetting, Flocculation is to be included.
- ✓ Topic related to Screening methods & Screen efficiency is to be included.

20PC301 Reservoir Engineering

✓ Text Book authored by Tarek Ahmed – Latest edition i.e., 5th edition is suggested for usage, since it has some advanced data.

20PC301 Fluids and solids Operations Laboratory

- ✓ Pre-requisites to be deleted.
- ✓ Title of the paper is to be changed as "Fluid and solid Operations Laboratory"
- ✓ Blooms Taxonomy for 8th experiment does not match.

20PC307 Geology Laboratory

✓ Blooms Taxonomy for 2nd experiment to be changed.

B. PCT. 1.4 Mr. M. Sathish Kumar suggested the following

B. PCT. R 1.4

A Paper related to Industrial Technology and safety coud be included to the curriculum.

The BoS Meeting ended with Vote of thanks by Dr. Habeebur Rahman.

Chairman - Board of Studies

Principal