



**Implementation of NEP/LOCF/CBCS / ECS
Minutes of Meetings (MoM) of Board of Studies (BoS)**

Academic Year : 2024-25

School : School of Engineering and Technology

Department : Chemical Engineering

Date and Time : July 15, 2024 11:00 AM

Venue : HoD Room

Scheme and Syllabus- UG

Minutes of Meeting

A meeting of Board of Studies (BoS) of Department of Chemical Engineering, School of Studies of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur was held today (July 15, 2024) in conference hall of UGC - Malaviya Mission Teacher Training Centre, Guru Ghasidas Vishwavidyalaya, for discussion and approval of the scheme and syllabus of third year (V and VI Semester) as per NEP-2020 guidelines. Following members were present in the meeting.

1. Dr. Raghendra Singh Thakur, Chairman-BoS, Associate Prof. and Head, Dept. of Chemical Engg.
2. Prof. (Mrs) A B Soni, External Expert Member-BoS, Professor, Dept. of Chemical Engg., NIT Raipur
3. Er. Arvind Verma, External Industry Expert, Special Invitee-BoS, Senior Manager-Process, Nu-Vista (NUVOCO Cement), Baloda Bazar (Present online)
4. Prof. Anil Kumar Chandraker Member-BoS, Professor, Dept. of Chemical Engg.
5. Dr. Saurabh Meshram, Member-BoS, Associate Prof., Dept. of Chemical Engg.
6. Dr. Amit Jain, Invited Member, Associate Prof., Dept. of Chemical Engg.
7. Dr. Anuradha N. Joshi, Invited Member, Associate Prof., Dept. of Chemical Engg.
8. Dr. Neeraj Chandraker, Invited Member, Assistant Prof., Dept. of Chemical Engg.
9. Dr. Gautam Prasad Dewangan, Invited Member, Assistant Prof., Dept. of Chemical Engg.
10. Mr. Vishnu Prasad Yadav, Invited Member, Assistant Prof., Dept. of Chemical Engg.
11. Dr. Sandeep Dharmadhikari, Invited Member, Assistant Prof., Dept. of Chemical Engg.
12. Dr. Ghoshna Jyoti, Invited Member, Assistant Prof., Dept. of Chemical Engg.
13. Dr. Pankaj Kumar, Invited Member, Assistant Prof., Dept. of Chemical Engg.
14. Dr. Satyajit Bhattacharjee, Invited Member, Assistant Prof., Dept. of Chemical Engg.

Following are resolved in the meeting.

1. The committee discussed the scheme and syllabi of B. Tech Third year session 2024-25 (V and VI semester) at length and after incorporating the changes, as identified by the BoS members, the final scheme and syllabi is approved by BoS members.
2. New course Polymer Technology-I and Polymer Technology-II was introduced in V and VI Semester, respectively.
3. Mini Project-II of 2 credits was introduced in V semester in succession of Mini Project in IV semester.
4. One project of 2 credits was also introduced in VI Semester.

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SCHOOL OF STUDIES OF ENGINEERING & TECHNOLOGY
GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)
(A Central University Established by the Central University Ordinance 2009, No. 3 of 2009)
SCHEME FOR EXAMINATION (NEP 2020) (Effective from Session 2024-25)
B. TECH. (FOUR YEAR) DEGREE COURSE, CHEMICAL ENGINEERING
THIRD YEAR, FIFTH SEMESTER

S. No.	Subject Code	Subject Name	Periods			Evaluation Scheme			Credits
	Theory		L	T	P	Marks			
						CIA	SEA	Total	
01.	CHUETT1	Heat Transfer	3	1	0	40	60	100	4
02.	CHUETT2	Mass Transfer-I	3	1	0	40	60	100	4
03.	CHUETT3	Chemical Reaction Engineering-I	3	0	0	40	60	100	3
04.	CHUETK1	Petroleum Refinery Engineering	3	0	0	40	60	100	3
	CHUETK2	Organic Chemical Technology							
	CHUETK3	Fuel Combustion Energy Technology							
05.	CHUETK4	Process Equipment Design-I	3	0	0	40	60	100	3
	CHUETK5	Polymer Technology-I							
Practical									
01.	CHUELT1	Heat Transfer Lab	0	0	3	25	25	50	1.5
02.	CHUELT2	Chemical Reaction Engineering Lab	0	0	3	25	25	50	1.5
03.	CHUEPV1	Mini Project-II	0	0	4	25	25	50	2.0
Total			15	2	10	275	375	650	22

CIA : Continuous Internal Assessment	Total Credits : 22	Total Periods / Week
SEA : Semester End Assessment	Total Marks : 650	27

The CIA (Theory) will be comprised of two Class Tests (CT) worth 15 marks each, an assignment/surprise test/quiz worth 05 marks, and 05 marks for class attendance throughout the semester.

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SCHEME FOR EXAMINATION (NEP 2020) (Effective from Session 2024-25)

B. TECH. (FOUR YEAR) DEGREE COURSE, CHEMICAL ENGINEERING

THIRD YEAR, SIXTH SEMESTER

S. No.	Subject Code	Subject Name	Periods			Evaluation Scheme (Marks)			Credits
			L	T	P	CIA	SEA	Total	
01.	CHUFTT1	Mass Transfer-II	3	0	0	40	60	100	3
02.	CHUFTT2	Chemical Reaction Engineering-II	3	0	0	40	60	100	3
03.	CHUFTT3	Process Dynamics and Control	3	1	0	40	60	100	4
04.	CHUFTK1	Process Equipment Design-II	3	0	0	40	60	100	3
	CHUFTK2	Polymer Technology-II							
	CHUFTK3	Project Engineering Economics and Management							
	CHUFTK4	MOOCS-I							
05.	CHUFTK5	Petrochemical Technology	3	0	0	40	60	100	3
	CHUFTK6	Waste To Energy							
	CHUFTK7	Optimization Techniques in Chemical Engineering							
	CHUFTK8	MOOCS-II							
06.	CHUFTO1	MOOCS-III	-	-	-	-	-	100	3
Practical									
01.	CHUFLT1	Mass Transfer Lab	0	0	3	25	25	50	1.5
02.	CHUFLT2	Process Dynamics and Control Lab	0	0	3	25	25	50	1.5
03.	CHUFPV1	Project	0	0	6	25	25	50	2.0
Total			15	1	12	275	375	650	24

CIA : Continuous Internal Assessment
SEA : Semester End Assessment

Total Credits : 24
Total Marks : 650

Total Periods / Week
28

The CIA (Theory) will be comprised of two Class Tests (CT) worth 15 marks each, an assignment/surprise test/quiz worth 05 marks, and 05 marks for class attendance throughout the semester.

(Handwritten signatures and dates)

ASANI
15/7/24