



Implementation of CBCS / ECS

Minutes of Meetings (MoM) of Board of Studies (BoS)

Academic Year : 2021-22

School : School of Studies of Engineering and Technology

Department : Chemical Engineering

Date and Time : October 1, 2021 - 11:00 AM

Venue : Online

Minutes of Meeting

The scheduled meeting of member of Board of Studies (BoS) of Department of Chemical Engineering, School of Studies of Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur was held today (October 1, 2021) in online mode (via Google Meet) to design and discuss the B.Tech. Second year (III and IV semesters) scheme and syllabi. The meeting was conducted in online mode due to Covid-19 pandemic. The following members were present (Online) in the meeting:

1. Prof. A. B. Soni (External Expert Member BoS, Dept. of Chemical Engg., NIT Raipur)
2. Prof. S. N. Saha (Member BoS, Dept. of Chemical Engg.)
3. Dr. Anil Kumar Chandrakar (HOD (I/c), Associate Prof., Dept. of Chemical Engg.-cum-Chairman, BoS)
4. Mrs. Anuradha N. Joshi (Member BoS, Assistant Professor, Dept. of Chemical Engg.)
5. Dr. Sandeep Singh (Invited Member, Assistant Professor, Dept. of Mathematics)
6. Mr. Neeraj Chandrakar (Invited Member, Assistant Professor, Dept. of Chemical Engg.)
7. Dr. Amit Jain (Invited Member, Assistant Professor, Dept. of Chemical Engg.)
8. Mr. G.P. Dewangan (Invited Member, Assistant Professor, Dept. of Chemical Engg.)
9. Dr. Raghwendra Singh Thakur (Invited Member, Assistant Professor, Dept. of Chemical Engg.)
10. Mr. Vishnu Prasad Yadav (Invited Member, Assistant Professor, Dept. of Chemical Engg.)
11. Mr. Saurabh Meshram (Invited Member, Assistant Professor, Dept. of Chemical Engg.)
12. Dr. Sandeep Dharmadhikari (Invited Member, Assistant Professor, Dept. of Chemical Engg.)
13. Dr. Ghoshna Jyoti (Invited Member, Assistant Professor, Dept. of Chemical Engg.)

The committee discussed the scheme and syllabi of B. Tech. Second year (III and IV semesters) at length and after incorporating the changes, as identified by the members, the final draft of the scheme and syllabi is approved by all the members. External Industry expert member of the BoS, Mr. Suprangya Mohanty (Deputy Manager, HINDALCO, Mahan Unit, Singrouli) could not attend the meeting due to his pre-occupation, but he was apprised of the outcome of the meeting which he approved telephonically.

 Prof. (Mrs.) A. B. Soni External Expert Member, BoS Professor, Chemical Engg., NIT, Raipur	 Prof. S.N. Saha Member, BoS Professor, Chemical Engg.	 Dr. Anil Kumar Chandrakar Chairman, BoS HOD (I/c), Chemical Engg.
 Mrs. Anuradha N. Joshi Member, BoS Assistant Prof. Chemical Engg.	 Dr. Sandeep Singh Invited Member, Asst. Prof., Dept. of Mathematics	 Mr. Neeraj Chandrakar Invited Member Assistant Prof., Chemical Engg.
 Dr. Amit Jain Invited Member Assistant Prof., Chemical Engg.	 Dr. Raghwendra Singh Thakur Invited Member Assistant Prof., Chemical Engg.	 Mr. Saurabh Meshram Invited Member Assistant Prof., Chemical Engg.
 Mr. G.P. Dewangan Invited Member Assistant Prof., Chemical Engg.	 Mr. Vishnu Prasad Yadav Invited Member Assistant Prof., Chemical Engg.	 Dr. Sandeep Dharmadhikari Invited Member Assistant Prof., Chemical Engg.
	 Dr. Ghoshna Jyoti Invited Member Assistant Prof., Chemical Engg.	



The following courses were revised in the of B. Tech. Second year (III and IV Semesters):

- ❖ Material and Energy Balance Calculations (CH203TPC01)
- ❖ Fluid Mechanics (CH203TPC02)
- ❖ Thermodynamics-I (CH203TPC03)
- ❖ Numerical Methods in Chemical Engineering (CH204TBS07)
- ❖ Thermodynamics-II (CH204TPC04)
- ❖ Particle and Fluid Particle Processing (CH204TPC05)
- ❖ Process Instrumentation (CH204TPC06)

विभागाध्यक्ष, रासायनिक अभियांत्रिकी
HoD, Chemical Engineering
प्रौद्योगिकी संस्थान/Institute of Technology
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Signature & Seal of HoD



Scheme - UG

total 44% change

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 (Effective from Session 2021-22)
B.TECH. (FOUR YEAR) DEGREE COURSE, CHEMICAL ENGINEERING
SECOND YEAR, THIRD SEMESTER (AICTE-NEW)

S. No.	Subject Code	Subject Name	Periods			Evaluation Scheme			Credits
			L	T	P	Sessional			
						IA	ESE	TOTAL	
01.	CH203TBS05	Biology	3	0	0	30	70	100	3
02.	CH203TBS06	Mathematics-III	3	1	0	30	70	100	4
03.	CH203TPC01	Material and Energy Balance Calculations	3	1	0	30	70	100	4
04.	CH203TPC02	Fluid Mechanics	3	1	0	30	70	100	4
05.	CH203TPC03	Thermodynamics-I	3	0	0	30	70	100	3
PRACTICAL		<i>one subject removed-Engg and Solid Mechanics</i>							
01.	CH203PPC01	Chemical Engineering Lab-I	0	0	3	30	20	50	1.5
02.	CH203PPC02	Fluid Mechanics Lab	0	0	3	30	20	50	1.5
Total			15	3	6			600	21

IA – Internal Assessment
Total Marks – 600

ESE - End Semester Examination
Total Periods / week - 24

Total Credits: 21

BoS held on 01.10.2021

B. Tech. (Chemical Engg.)- II Year

w.e.f: Session 2021-22



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 (Effective from Session 2021-22)
B.TECH. (FOUR YEAR) DEGREE COURSE, CHEMICAL ENGINEERING
SECOND YEAR, FOURTH SEMESTER (AICTE-NEW)

S. No.	Subject Code	Subject Name	Periods			Evaluation Scheme			Credits
			L	T	P	Sessional			
						IA	ESE	TOTAL	
01.	CH204THS02	Business Communication and Presentation Skill	3	0	0	30	70	100	3
02.	CH204TBS07	Numerical Methods in Chemical Engineering	3	1	0	30	70	100	4
03.	CH204TPC04	Thermodynamics-II	3	0	0	30	70	100	3
04.	CH204TPC05	Particle and Fluid Particle Processing	3	1	0	30	70	100	4
05.	CH204TPC06	Process Instrumentation	3	1	0	30	70	100	4
PRACTICAL									
01.	CH204PBS03	Numerical Methods in Chemical Engineering lab	0	0	2	30	20	50	1
02.	CH204PPC03	Particle and Fluid Particle Processing lab	0	0	3	30	20	50	1.5
03.	CH204PPC04	Process Instrumentation Lab	0	0	3	30	20	50	1.5
Total			15	3	8			650	22

IA – Internal Assessment

ESE - End Semester Examination

Total Credits : 22

Total Marks – 650

Total Periods / week - 26

BoS held on 01.10.2021

B. Tech. (Chemical Engg.)- II Year

w.e.f : Session 2021-22

(Handwritten signatures of faculty members)