



डा. बी आर अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान, जलंधर
Dr. B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR
रसायनिक अभियांत्रिकी विभाग
Department of Chemical Engineering

Ref: NITJ/CH/ 499

Dated 27/05/2022

Subject: 1st Internal BOS Meeting

1st Internal BOS Meeting was held in the department library on 19/05/2022 at 12.30 PM under the chairmanship of Head of Department. Following members were present.

1. Dr. Renu Gupta, Associate Professor & Head/CH- Chairperson
2. Dr. M K Jha, Professor, HAG
3. Dr. Sangeeta Garg, Associate Professor
4. Dr Poonam Gera, Associate Professor
5. Dr. S Bajpai, Associate Professor
6. Dr. R K Arya, Associate Professor
7. Dr. J K Ratan, Associate Professor
8. Dr. Neetu Divya, Assistant Professor
9. Dr. Shashikant Yadav, Assistant Professor
10. Dr. Amit D Saran, Assistant Professor
11. Dr. Anurag Tiwari, Assistant Professor
12. Dr. Deepak Sahu, Assistant Professor
13. Dr. D Giribadu, Assistant Professor
14. Dr. Nitin Naresh Pandhare, Assistant Professor
15. Dr. Anjireddy Bhavanam, Assistant Professor, Member Secretary

Dr Ajay Bansal and Dr N K Srivastava could not attend the meeting due to pre-occupation.

The Chairman, Board of Studies welcomed the members of the BOS. Thereafter, the following agenda items were taken up for discussion

Item No.	Particular No.
Item 1.1	Restructuring of B.Tech. 7 th and 8 th semester scheme to accommodate 6 Months internship.
Item 1.2	Restructuring of M.Tech scheme to accommodate 06 (six) courses each in 1 st and 2 nd semester.

Item1.1

Restructuring of B.Tech. 7th and 8th semester scheme to accommodate 6 Months internship.

Members have approved the Revised Scheme of B.Tech 7th and 8th semester to accommodate 6 Months internship. The finalized scheme is as follows

Revised B.Tech scheme of VII & VIII semester (B.Tech Batch 2019 onwards)

VII Semester

Code	Course Title	L	T	P	Contact hours	C
CHPC-401	Transport Phenomena	3	1	0	4	4
CHPC-403	Industrial Safety and Hazards Management	3	0	0	3	3
CHPC-405	Process Plant Design	3	0	0	3	3
CHPE-XXX	Department Elective- III	3	0	0	3	3
CHOE-XXX	Open Elective-II	3	0	0	3	3
CHPC-421	Process Control Lab	0	0	2	2	1
CHPC-423	Chemical Engineering Computing Lab	0	0	2	2	1
CHCI-425	Summer Training	-	-	-	-	2
CHCI-400	Major Project (Phase -I)	0	0	4	4	0*
CHCI-427	Industrial Lecture	-	-	-	-	1*
Total		15	1	8	24	21
Total Credits		12 PC	3 PE	3 OE	3 CI	21

* Major Project will be allotted in 7th Semester and evaluation at the end of 8th semester

VIII Semester (Regular Students on Campus)

Code	Course Title	L	T	P	Contact hours	C
CHPC-402	Modeling and Simulation	3	0	0	3	3
CHPE-XXX	Department Elective-IV	3	0	0	3	3
CHPE-XXX	Department Elective-V	3	0	0	3	3
CHPE-XXX	Department Elective-VI	3	0	0	3	3
CHOE-XXX	Open Elective-III	3	0	0	3	3
CHCI-400	Major Project (Phase -II)	0	0	8	8	4
Total		15	0	8	23	19
Total Credits		3 PC	9 PE	3 OE	4 CI	19

* Minimum 4 industrial lecture will be organized by Department in final year of study. Grades to be awarded based upon Quiz test on the same day of lecture

VIII Semester (6 Months Internship Students)

Code	Course Title	L	T	P	Contact hours	C
CHPC-402*	Modeling and Simulation	3	0	0	3	3
CHPE-499	6 Months Internship	-	-	-	-	12
CHCI-400	Major Project (Phase -II)	0	0	8	8	4
Total		3	0	8	11	19
Total Credits		3PC	12 PE	0 OE	4 CI	19

* Any other courses of equivalent credits as recommended by the Institute Committee.

Total Credits (III -VIII)	90 PC	18PE	9 OE	16 CI	133 Credits
Total Credits (III -VIII) 6 Months Internship Students	90 PC	21 PE	6 OE	16 CI	133 Credits
Total Credits (I-VIII)	180				

Item1.2

Restructuring of M.Tech scheme to accommodate 06 (six) courses each in 1st and 2nd semester.

Members approved the Revised Scheme of M.Tech in Chemical Engineering The finalized scheme is as follows.

Revised Scheme for M.Tech in Chemical Engineering

1st Semester

Course Code	Course	Hours/week			Credits
		L	T	P	
CH-501	Computational Techniques in Chemical Engineering	3	0	0	3
CH-503	Chemical Reactor Analysis and Design	3	0	0	3
CH-505	Process Modeling and Simulation	3	0	0	3
CH-507	Process Plant Design	3	0	0	3
CH-XXX	Elective-I	3	0	0	3
CH-XXX	Elective-II	3	0	0	3
CH-511	Computational Techniques in Chemical Engineering Lab	0	0	3	2
CH-513	Selected Experiments in Chemical Engineering	0	0	3	2
Total Credits					22

2nd Semester

Course Code	Course	Hours/week			Credits
		L	T	P	
CH-502	Transport Phenomena	3	0	0	3
CH-504	Advanced Separation Techniques	3	0	0	3
CH-506	Industrial Pollution Control Engineering	3	0	0	3
CH-508	Advanced Process Control	3	0	0	3
CH-XXX	Elective-III	3	0	0	3
CH-XXX	Elective-IV	3	0	0	3
CH-512	Process Modeling and Simulation Lab	0	0	3	2
CH-514	Industrial Pollution Control Lab	0	0	3	2
Total Credits					22

3rd Semester

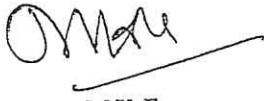
Course Code	Course	Hours/week			Credits
		L	T	P	
CH-600	Dissertation (Phase-I)	-	-	12	6*
CH-601	Project Seminar/Independent Study	-	-	6	3
Total Credits					9

4th Semester

Course Code	Course	Hours/week			Credits
		L	T	P	
CH-600	Dissertation (Phase-II)	-	-	24	12*
Total Credits					12

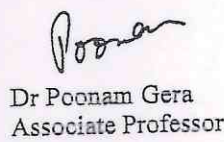
Grand total credits = 65

*The credits shall be consolidated after the evaluation of Dissertation (Phase-II)

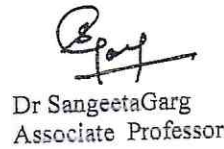


Dr M K Jha
Professor HAG

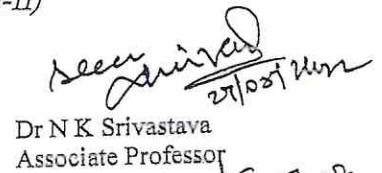
Dr Ajay Bansal
Professor



Dr Poonam Gera
Associate Professor



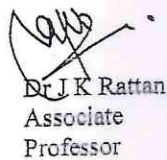
Dr Sangeeta Garg
Associate Professor



Dr N K Srivastava
Associate Professor



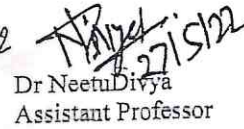
Dr S Bajpai
Associate Professor



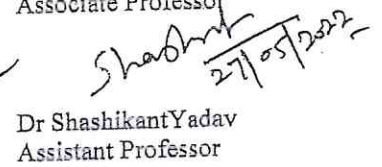
Dr J K Rattan
Associate Professor



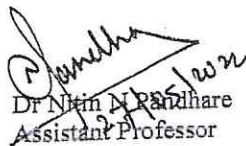
Dr R K Arya
Associate Professor



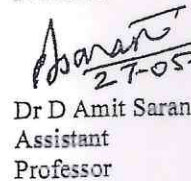
Dr Neetu Divya
Assistant Professor



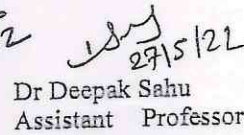
Dr Shashikant Yadav
Assistant Professor



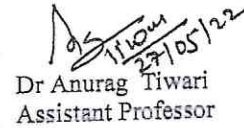
Dr Nitin N Pandhare
Assistant Professor



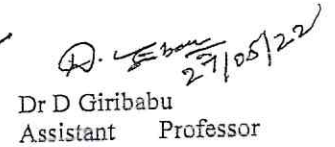
Dr D Amit Saran
Assistant Professor



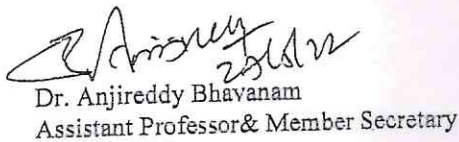
Dr Deepak Sahu
Assistant Professor



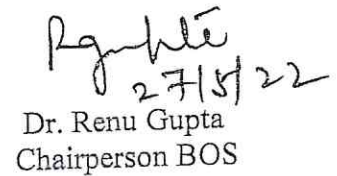
Dr Anurag Tiwari
Assistant Professor



Dr D Giribabu
Assistant Professor



Dr. Anjireddy Bhavanam
Assistant Professor & Member Secretary



Dr. Renu Gupta
Chairperson BOS

Dean Academics

CC to AR Academics

