



Ref. No. ....

Dated .....

**Agenda of 1<sup>st</sup> meeting of Board of Studies in Chemical Engineering and Environment Science,  
Shaheed Bhagat Singh State University-Ferozepur**

Following are the agenda items of Department of Chemical Engineering to be included in the 1<sup>st</sup> meeting of Board of Studies, SBSSU-Ferozepur

**Item No. 1. Proposal for scheme to be followed for B.Sc Environment Science for 2022 batch onwards**

The department has started a new course of B.Sc Environment Science from July 2022 session. Since, the meeting of BOS (Env. Sci.) could not be held on short notice, hence it was decided that the scheme of B.Sc Environment Science (1st sem) based on IKGPTU pattern may be followed for this batch. Further, the proposed scheme for of B.Sc Environment Science, 2<sup>nd</sup> sem onwards is being presented (Annexure-I).

This item is presented to BOS for consideration and ratification please

**Item No. 2. Ratification for course curriculum to be followed for 1<sup>st</sup> Semester B.Sc Environment Science for 2022 batch onwards**

During the academic session August-Dec, 2022, it was decided that the curriculum of B.Sc Environment Science for 1<sup>st</sup> sem based on IKGPTU pattern will be followed from this batch onwards (Annexure-II).

This item is presented to BOS for ratification please

**Item No. 3. Proposal for syllabus to be followed for B.Sc Environment Science for 2<sup>nd</sup> Sem**

The proposed syllabus to be followed for B.Sc Environment Science for 2<sup>nd</sup> Sem is attached as Annexure-III.

This item is presented to BOS for consideration please.

**Item No. 4 Proposal for eligibility for Ph. D (Chemical Engg.)**

As per the eligibility criteria for admission for the Ph. D in reputed institutes like IIT Roorkee and IIT Ropar the following eligibility conditions are proposed:

Master's degree in Chemical Engineering or in any Allied Branch of Chemical Engineering. Candidates must have obtained at least 60% marks (or 6.0 Grade Point out of 10) for general GEN-EWS and OBC category and 55% marks for SC/STs or 5.5 Grade Point out of 10.  
OR

Master's degree in Sciences with a valid score in GATE/UGC/CSIR/NET/NBHM or equivalent qualification. Candidates must have obtained at least 60% marks (or 6.0 Grade Point out of 10) for general GEN-EWS and OBC category and 55% marks for SC/STs or 5.5 Grade Point out of 10.

Further, the minimum Course credit requirements for candidacy to Ph.D. programme are given below:


Qualification	Credit Requirements	Remarks
Master's degree in Chemical Engineering or in any Allied Branch of Chemical Engineering	Minimum credits of P.G. level theory courses as approved by Dean R&D office	----
Master's degree in Sciences	a. Minimum credits of P.G. level theory courses as approved by Dean R&D office b. Additional three (03) credits of P.G. level theory course	Candidates can take at most one self-study theory course/ NPTEL course of P.G. level as approved by DRC.

This item is presented to BOS for consideration please

**Item No. 5 Approval of syllabus of certificate courses 1 and 2 for B.Tech (Chemical Engg.) 2022 batch onwards**

As per the approved framework of B.Tech scheme 2022 and 2021 2<sup>nd</sup> Yr onwards, a student needs to clear certificate course 1 and 2 (of 6 credits) in order to be eligible for obtaining Certificate course in any branch of Engineering after successful completion of 1<sup>st</sup> year. Subsequently, during the academic session August-December, 2022, the syllabus of newly introduced certificate course of Chemical Engineering Fundamentals-I (CF-I) for B.Tech, Chemical Engg. (1<sup>st</sup> sem) was decided at department level (**Annexure IV**). Further, the proposed syllabus for Chemical Engineering Fundamentals-II (CF-II) is attached as **Annexure-V**.

The item is presented to BOS for ratification of syllabus CF-I and consideration of syllabus of CF-II please

  
10/2/23  
HOD (Chemical Engg.)