



**Indian Institute of Technology Kanpur  
Senate Undergraduate Committee**

SUGC/2023-24/Minutes/7<sup>th</sup>

Date: March 13, 2024

**Minutes of the 2023-24/7<sup>th</sup> Meeting of the SUGC held on Friday,  
March 7, 2024, at 03:00 PM in Room No. 208,  
Academic Affairs Building, IIT Kanpur**

The following SUGC members were present:

Prof(s): Anjan K. Gupta, Arnab Samanta, Sai Prasad Pydi, Harshwardhan H Katkar, Anindya Chatterjee, Onkar Dikshit, Subhajit Roy, Amar Agarwal, Arshad Rahman, Suchitra Mathur, Suman Saurabh, Suprio Bhar, Sarang Ingole, Amarendra Edpuganti, and Supratik Banerjee.

Student nominees to SUGC: Siddhant Suresh Jakhotiya, Kinshuk Siyol, Aryaman Goel (acting), Sunay Chhajed, and Monika Agarwal (acting).

The following members were absent:

Prof(s). Manoj K. Harbola, Sapam Ranjita Chanu, K.M. Sharika, Manabendra Chandra, Alok Ranjan Verma, Pritam Chakraborty, Mainak Das, Omar Amitesh and Niraj Sinha.

At the outset, the Chairperson, SUGC, welcomed the present members and subsequently after the following announcement, the agenda items were taken up for discussion:

**A. Announcement**

- 1) The action taken report (ATR) of the 2023-24/6<sup>th</sup> meeting of the SUGC will be reported in the next SUGC meeting.

**B. Unfinished Businesses**

<b>Item No. 1</b>	<b>Discussion on the proposed amendment by the Chemical Engineering (CHE) dept. in the course template of Bachelor of Technology (B.Tech.) program under New UGARC</b>
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The committee discussed the proposed amendment by the Chemical Engineering (CHE) dept. in the course template of the Bachelor of Technology (B.Tech.) program under New UGARC related to the UGP course requirements as suggested in the New UGARC report. Further, after discussion, the committee deferred this proposal to the next meeting of the SUGC with the following recommendations:

- Input from UGARC implementation committee will be required in this matter and this should be looked/applicable to all the departments.

- Based on the input of the implementation committee, the Chemical Engineering dept. is requested to share the modified proposal.

### C. New Businesses

<b>Item No. 2</b>	<b>Discussion on the proposed amendment of Sustainable Energy Engineering (SEE) dept. in the course template of the Minor in SEE.</b>
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The committee discussed the revised version of the Minor template and after due deliberations the committee recommends it to the Senate for further consideration. As per the revised proposal for amendment in the Minor template, now students have to do 27 credits and one compulsory course instead of 36 credits and two compulsory courses respectively:

Already Approved Template from The Senate	Proposed Template with Some Minor Changes
1. Two Compulsory courses: SEE604A [09] SEE605A [09]	1. One Compulsory course: SEE605 [09]
2. And Two Department Elective courses: SEE606A [09] SEE607A [09] SEE608A [09] EE698D [09] EE630A [09] EE660A [09] EE631A [09] MSE673A [09] SEE602A [09] SEE611A [09] SEE612A [09] SEE613A [09] SEE614A [09] SEE615A [09] SEE616A [09] SEE617A [09] ME743A [09] ME686A [09]	2. And minimum Two Department Elective courses: SEE601 [09] SEE602 [09] SEE603 [09] SEE604 [09] SEE606 [09] SEE607 [09] SEE608 [09] SEE609 [09] SEE610 [09] SEE611 [09] SEE612 [09] SEE613 [09] SEE614 [09] SEE615 [09] SEE616 [09] SEE617 [09] SEE618 [09] SEE619 [09] SEE620 [09] SEE621 [09] SEE622 [09] SEE623 [09] SEE624 [09] SEE625 [09] SEE626M [09] SEE627 [09] SEE628 [09]
3. At most one of the following courses if taken as PG-DE: MBA681A [09] MBA683A [09] MBA782A [09]	

	<p>3. At most one of the following courses if taken as PG-DE:**  MBA681 [09]  MBA683 [09]  MBA782 [09]</p> <p>** As per this template, a student must take one compulsory course and minimum 2 courses from remaining list in which maximum one course is allowed from MBA courses (MBA681A, MBA683A, MBA782A). For example, a student can take either 2 SEE courses or 1 SEE course + 1 MBA course apart from the compulsory course.</p>
Total Minimum Credits: 36	Total Minimum Credits: 27

<b>Item No. 3</b>	<b>Decision on the course/credit(s) waiver request of Mr. Prakhar Singh (180529/BT/CHE) to fulfill his graduation requirement.</b>
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The committee discussed the request of Mr. Prakhar Singh (180529) to replace one of his compulsory CSO201A/CSO202A course with an extra course PHY524A and after due deliberation, the committee returned the request to the department for review and suggest share revised proposal for all students of Y19 ad earlier batches.

The committee also mentioned that this replacement should not be restricted to one student, it should be extended to all Y19 and earlier batches students of the Chemical Engineering department so that students with the same case may also be able to fulfill their graduation requirements.

<b>Item No. 4</b>	<b>To note the decision of the Chairman SUGC on the newly proposed Undergraduate project (UGP) courses by the Aerospace Engineering Dept. for New UGARC students</b>
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The committee noted the decision of the chairman SUGC on the newly proposed Undergraduate project (UGP) courses by the Aerospace Engineering Dept. for New UGARC students:

S. No.	Course Title	Suggested Code	Credits
1.	Undergraduate Project- 1 (UGP-1)	AE496	5
2.	Undergraduate Project- 2 (UGP-2)	AE497	9

Further, some committee members requested to discuss more on this and after discussion, following points raised by the committee members and the same should be discussed after receiving of the clarification:

- Fixed numbering of the UG courses i.e., is started from 496-499.
- Whether course code for these UGPs will be automatically generated or whether the department have to go through normal process like offering of fresh courses with the new course proposal.
- In UGARC, its mentioned that up to 4 UGPs are allowed and only 3 will be counted towards the graduation requirement. This should be a choice of students or respective department.
- As mentioned in the New UGARC report, getting credit waiver for UGPs courses in lieu of external academic activities which is not implemented yet may be confirmed from the UGARC implementation convener/committee (Prof. Venkatesh).

<b>Item No. 5</b>	<b>Discussion on the course equivalent/substitution details submitted by the departments as per Old UGARC and New UGARC</b>
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The committee discussed the course equivalent/substitution details submitted by the departments and during discussion members noticed that some of the departments had not provided the equivalent/substitution detail for all their compulsory courses. Also, it has been noticed that there are some credits irregularities in new and old courses. In this context, after due deliberation, the committee agreed with the following procedures to finalize the data:

- The UG office will prepare a comprehensive list of compulsory courses of all departments and will share with the respective departments to fill/provide course equivalent/mapping detail.
- If an old UGARC student does less credits under mapping of all such courses s/he has to make up with OE/DE/optional ESO credits to reach minimum graduation requirements.
- If an old UGARC student does more credits under mapping s/he will not get any advantage of these excess credits in terms of reducing credits elsewhere. It means student still needs to do required OE/DE credits even if the total credits exceed the minimum graduation requirement.
- If an old UGARC student has a backlog in Technical Communications course, s/he can make up for it by doing an Ethics course (ETH111). This amounts to 1 extra credit but no advantage will be given in any other course requirement.
- It seems some departments have provided only partial mapping, which may indicate that there are no back loggers of old UGARC in the courses for which the mapping is not provided or it indicates the dept. will offer both (Old & New UGARC) courses till it is needed. We assume the latter in all such cases in case dept does not provide a mapping.

Further, after receiving of the course equivalent/substitution detail from all the departments, the detail will be discussed in the upcoming meeting of the SUGC.

<b>D. Additional Agenda Items</b>
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<b>Item No. 6</b>	<b>Discussion on the Dual Degree conversion and migration (Category-B) request of Mr. Gaurang Rehdu (200374/BT/EE)</b>
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This agenda item has been deferred to the next meeting of the SUGC.

<b>Item No. 7</b>	<b>Discussion on the proposal of Dean, Internation Relations (DoIR) to offer a five-year International Dual Degree program (IDDP) for BT/BS students</b>
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This agenda item has been deferred to the next meeting of the SUGC.

<b>Item No. 8</b>	<b>Discussion on the proposal of the Mathematics &amp; Statistics (MTH) department to count two 4/5 level Department Elective (DE) courses in the PG part of BS-MS (MTH) and BS-MS (SDS) Dual Degree program category A &amp; B as PG-DE course</b>
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This agenda item has been deferred to the next meeting of the SUGC.

<b>Item No. 9</b>	<b>Discussion on the proposed amendment by the Mathematics &amp; Statistics (MTH) department in the course template of the BS-MS (Mathematics &amp; Scientific Computing) Dual Degree program category A under New UGARC</b>
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This agenda item has been deferred to the next meeting of the SUGC.

<b>Item No. 10</b>	<b>Decision on the conversion of programme request from M.Sc.-2yr to M.Sc.-Ph.D (Dual Degree)</b>
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The committee discussed the programme conversion request of Mr. Supratik Biswas (221444/PHY) from M.Sc.-2yr to M.Sc.-Ph.D (Dual) in his own department i.e., Physics and after due deliberation, the committee positively recommends his request to the Senate for further consideration.

Anjan K Gupta  
Chairperson, SUGC

Copy to: Dean of Academic Affairs (for information)