



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

SUGC/2023-24/Minutes/8th

Date: April 26, 2024

**Minutes of the 2023-24/8th Meeting of the SUGC held on Tuesday,
April 16, 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, Rahul Mangal (acting DUGC, CHE), Anindya Chatterjee, Onkar Dikshit, Raghunath Tewari (acting DUGC, CSE), K.M. Sharika, Amar Agarwal, Sounak Thakur (acting SUGC, ECO), Alok Ranjan Verma, Suchitra Mathur, Suman Saurabh, Suprio Bhar, Amarendra Edpuganti, and Supratik Banerjee.

Student nominees to SUGC: Siddhant Suresh Jakhotiya, Kinshuk Siyol, Apoorv Tandon, Sunay Chhajed, and Shruti Ramchandra Dalvi.

The following members were absent:

Prof(s). Manoj K. Harbola, Sai Prasad Pydi, Sapam Ranjita Chanu, Manabendra Chandra, Sarang Ingole, 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 and Action Taken Report (ATR), the agenda items were taken up for discussion:

A. Announcement

- No Announcements

B. Noting Items

Item No. 1	To note the decision of the chairman SUGC on the course replacement request of Mr. Prakhar Singh (180529/BT/CHE) to fulfill his graduation requirement.
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The committee noted the decision of the chairman SUGC on the revised recommendation of the department against the course replacement request of Mr. Prakhar Singh (180529/BT/CHE) to replace one of his compulsory CSO201A/CSO202A courses with an extra course PHY524A. And as per the revised proposal, this replacement is also extended to all other Y18 and Y19 CHE students for

completion of their program. The recommendation will be forwarded to the Senate for further consideration.

Item No. 2	To note the decision of the chairman SUGC on the proposal of Physics (PHY) department to swap semesters of two Department Compulsory courses PHY401 and PHY421 in the course template of Bachelor of Science.
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The committee noted the decision of the chairman SUGC related to the proposal of the Physics (PHY) department to swap semesters of two Department Compulsory courses PHY401 and PHY421 in the course template of Bachelor of Science. Further, as proposed by the department, swapping of semesters of PHY421 course from 5th to 3rd semester and PHY401 course from 3rd to 5th semester has already been approved by the Chairman Senate and the same conveyed to the department over mail.

In addition to the above, the department informs that since pre-registration of the upcoming semester has already been over, the approved changes will be applicable from the 2025-2-I semester only.

Item No. 3	To note the decision of the Chairman SUGC on the newly proposed courses and Undergraduate project (UGP) course by the HSS, and SEE Dept.
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The committee noted the decision of the Chairman SUGC on the following new course proposals received from the HSS and SEE dept.:

S. No.	Course Title	Course Code	Credits
1.	Language Contact	ENG402	9
2.	Ebb and Flow: Art, and Globalism of Oceanic Networks	ART403	9
3.	Under Graduate Project I	SEE496	9
4.	Under Graduate Project II	SEE497	9
5.	Under Graduate Project III	SEE498	9
6.	Under Graduate Project IV	SEE499	9

C. Unfinished Businesses

Item No. 4	Discussion on the course equivalent/mapping details submitted by the departments as per Old UGARC and New UGARC
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The committee discussed the course equivalent/mapping details submitted by the department as per Old UGARC and New UGARC and after discussion, the committee recommends these to the Senate for further consideration along with the additional recommendation of the SUGC as decided in its 2023-24/7th meeting.

Additionally, since some students' nominees opposed the decision taken in the earlier meeting "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", before sending it to the Senate, the committee decided that mapping details of each department to be analyzed for lack/surplus of credits to see how much extra load it amounts to for different dept. students.

Item No. 5	Discussion on the Dual Degree conversion and migration (Category-B) request of Mr. Gaurang Rehdu (200374/BT/EE)
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The committee discussed the request of Mr. Gaurang Rehdu (200374/BT/EE) for conversion and migration of his Bachelor program to Dual Degree program in Design department under category-B and after due deliberations and keeping in view the positive recommendation of the design department, the committee recommends the request of Mr. Gaurang to the Senate for further consideration.

Item No. 6	Discussion on the proposal of Dean, International Relations (DoIR) to offer a five-year International Dual Degree program (IDDP) for BT/BS students
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The committee discussed the proposal of Dean, International Relations (DoIR) to offer a five-year International Dual Degree program (IDDP) for BT/BS students and during discussion, the committee members raised following points:

- How back loggers will be treated.
- When students will apply for it.
- How students will clear backlogs in BT/BS part after 4th year

For more clarity on the process and implementation point of view, the committee requested to the Chairman SUGC to invite the Dean, International Relations in next meeting for a presentation on the proposal.

Item No. 7	Discussion on the proposal of the Mathematics & 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 & B as PG-DE course
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The committee discussed the proposal of Mathematics & Statistics (MTH) department to count up to two 4/5 level Department Elective (DE) course as PG-DE course in the PG part requirement of BS-MS (MTH) and BS-MS (SDS) Dual Degree program for both the category A & B and after due deliberations, the committee positively recommends the proposal to the Senate for further consideration.

During meeting it was decided to send a note to the Charman Senate only for approval and not an agenda item but since, the proposal is now also proposed to be applicable for Y21 and later batches students enrolled in Dual Degree (BS-MS) category A & B in Statistics and Data Science, this will have to approved from the Senate.

Therefore, the updated proposal in this regard will be forwarded to the Senate for further consideration as an earlier approved proposal by the Senate somehow missed and not updated in the template.

Item No. 8	Discussion on the proposed amendment by the Mathematics & Statistics (MTH) department in the course template of the BS-MS (Mathematics & Scientific Computing) Dual Degree program category A under New UGARC
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The committee discussed the proposal of Mathematics & Scientific Computing department for BS-MS Dual Degree program (Mathematics & Scientific Computing) category A under New UGARC similar to BS-MS Dual Degree program category A under Old UGARC that "Up to 18 OE credits may be used from the BS minimum requirements to fulfil requirements for the BS-MS dual degree program, these will be waived from the BS programme and counted towards the PG requirements" and after due deliberations, the committee positively recommends the proposed amendment to the Senate for further consideration.

D. New Businesses

Item No. 9	Discussion on the report of the Core Curriculum Committee (CCC) for 2024-25-I regular semester.
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The report prepared by the Core Curriculum committee for the forthcoming semester (i.e., 2024-25-I) was presented by Dr. Suchitra Mathur, Convenor, CCC, before the SUGC for discussion. After due deliberation, the committee approved the CCC report for implementation.

The committee appreciated the sincere efforts of Dr. Suchitra Mathur in preparing the CCC report for 2024-25-I and placed it on the records.

As discussed during the meeting, an updated version of the report that was added in the annexure of the meeting at the last moment has also been circulated among SUGC members for reference.

Item No. 10	Discussion on the issue raised by the DUGC, HSS related to the clash between HSS and DCs courses
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The issue raised by the DUGC, HSS related to the clash between HSS and DCs courses offered by various departments was discussed by the committee and after due deliberation, the committee proposed a sub-committee to discuss the issue and the process flow involved in the preparation of the timetable of the DC courses (batch and department wise). The details of the members of the sub-committee are as follows:

1. Prof. Amar Agarwal (Convener)
2. Prof. Anindya Chatterjee (Member)
3. Prof. Alok Ranjan Verma (Member)
4. Prof. Suchitra Mathur (Member)
5. Prof. Harshwardhan H. Katkar (Member)

6. Mr. Siddhant Jakhotiya (Member)
7. Mr. Kinshuk Siyol (Member)
8. Mr. Pramod Rawat (Member)

The committee is requested to provide its report before preparation of the CCC report of 2024-25-II semester.

Item No. 11	Discussion on the request of Ms. M. Reethika (210567/BS/PHY) related to the credit discrepancy in PHY441 course
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The request of Ms. M. Reethika (210567) related to the credit discrepancy in PHY441 course was discussed by the committee and after due deliberations, the committee recommends her request, for consideration of PHY441 course as a 5 credits course instead of 11 credits, to the Senate for further consideration.

Since this is applicable for Ms. Reethika only, to differentiate course code, a suffix will be added in the PHY441 course.

Item No. 12	Decision on the course substitution/replacement request of the following four students to fulfill their graduation requirement.
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The request of the following four Civil Engineering students (changed branch from Earth Sciences department) to substitute/replace department compulsory CE361 (Engineering Hydrology) course requirement with ES202 (Physical Hydrology) course was discussed by the committee and after due deliberations, the committee recommends the request to the senate for further consideration:

S. No.	Roll No.	Student Name	Dept./Prog.	Grade in ES202
1.	221024	SHOURYA KHARE	CE/BT	A*
2.	220021	AAYUSH JAISWAL	CE/BT	B+
3.	221231	YOGDEEP SINGH RAJAWAT	CE/BT	B+
4.	220112	ALOK KUMAR SINGH	CE/BT	A

The committee also recommends to the Senate that in future, if a student changed his/her branch from Earth Sciences to Civil Engineering then the above course substitution/replacement would also be applicable to him/her.

Item No. 13	Consideration of the conversion of programme request from M.Sc.-2yr to M.Sc.-Ph.D (Dual Degree)
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The committee discussed the programme conversion request of Mr. Nitish Kumar (221363/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.

In addition to the above, the committee also noted the decision of the chairman SUGC about the withdrawal request of Mr. Nachiketh M (221356) from MSPD programme. He is now treated as M.Sc.-2yr student.

Item No. 14	Consideration of the new course proposal of Earth Sciences (ES) and Humanities & Social Sciences (HSS) department
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The committee discussed the following course proposals received from the Humanities & Social Sciences (HSS) department and after discussion, the committee approved the same:

S. No.	Title of Course	Proposed by	Credits	Type of Course	Suggested Course Code
1.	Language, Mind and Brain	HSS	09	UG	ENG4XX

Additionally, for another new course proposal of the Earth Sciences department, the committee constituted a sub-committee to analyze the course content as the type of the course is EME. The details of the committee members are as follows:

1. Prof. Vimal Kumar, ECO (Convener)
2. Prof. Suchitra Mathur, HSS (Member)
3. Prof. Amar Agarwal, ES (Member)

The sub-committee is requested to discuss the course content of the below proposed course and provide its recommendation to the SUGC:

S. No.	Title of Course	Proposed by	Credits	Type of Course	Suggested Course Code
1.	Earth and Environment	ES	09	UG/EME	ES2XX

Item No. 15	Discussion on the issues faced by students during pre-registration of 2024-25-I semester
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As informed by the SUGC students' nominees, the committee discussed the issues faced by students during pre-registration of 2024-25-I semester and after due deliberations, the committee promised to take initiative on the following points for improvement:

- Template due/backlog courses not auto-added: there were two types of such cases.
 - Students of the old UGARC with backlogs in courses that have been replaced by another course in the new UGARC.
 - A few courses were not auto-added because of discrepancy in the templates communicated by the OARS office.
- Unavailability of templates: Students of the new UGARC only get to know their upcoming courses one semester at a time. For students with backlogs, planning their courses becomes challenging since templates are not publicly available.

- Timetable not visible on Sundays: Timetable wasn't visible on Sunday, making it difficult for students to figure out the timing of courses and if there were clashes. Furthermore, Sunday was the last day for requesting courses.
- Last date of the pre-registration and registration to request courses on should be avoided because students cannot meet to Instructor on Sunday to accept requested courses.

Item No. 16	Discussion on the proposal of SUGC students' nominees related to extension of summer registration credit limit for graduating students only
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The proposal of the SUGC students' nominees related to extension of summer registration credit limit for graduating students only discussed in the committee and after a long discussion, the committee recommends registration credit limit from 27 credits to three courses up to 29 credits for graduating students only in the summer term and forwarded its recommendation to the Senate for further consideration.

As per the recommendation of the committee, the above credit limit extension is applicable for a student who will graduate after the summer term by successfully completing the three courses up to 29 credits. The credit limit of 27 credits will remain the same for all other students.

A proposal in this regard will be sent to the Senate post clarification on the number of modular courses that can be allowed to a student.

Item No. 17	Discussion on the proposed amendment by the Aerospace Engineering dept. in the basket courses of the course template of Bachelor of Technology program
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The committee discussed the proposed changes by the Aerospace Engineering department in the basket A course list and addition of another basket B in the course template of the Bachelor of Technology program and after due deliberations, the committee recommends the following amendments to the Senate for further consideration.

A. Basket A (Space Basket): At least 9 credits of DE must be taken from Basket A

Existing list of courses in the Basket A	Proposed list of courses in the Basket A
1) AE641 [9]	1) AE608 [9]
2) AE622 [9]	2) AE641 [9]
3) AE673 [9]	3) AE642 [9]
4) AE747 [9]	4) AE673 [9]
5) AE777 [9]	5) AE690 [9]
	6) AE720 [9]
	7) AE747 [9]
	8) AE777 [9]

B. Basket B (Computational Basket)*: At least another 9 credits of DE from Basket B

- 1) AE604 [9]
- 2) AE618 [9]
- 3) AE646 [9]
- 4) AE665 [9]
- 5) AE675 [9]
- 6) AE703 [9]

*Basket B requirement may also be fulfilled via equivalent OE courses after getting approval from the AE DUGC convener.

As per the proposal, the above amendment is applicable from Y22 batch onward New UGARC students.

Anjan K Gupta
Chairperson, SUGC

Copy to: Dean of Academic Affairs (for information)