



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

SUGC/2022-23/Minutes/07

Date: April 05, 2023

**Minutes of the 2022-23/7th meeting of the SUGC held on Wednesday, March 29, 2023, at 03:00 PM in Room No. 208, Academic Affairs Building, IIT Kanpur**

Following members were present:

Prof(s). Manoj K. Harbola, Arnab Samanta, Arjun Ramakrishnan, Harshwardhan H Katkar, Animesh Das (acting DUGC, CE), Subhajit Roy, Ark Verma, Amar Agarwal, Vipul Arora, Suchitra Mathur (acting DUGC, HSS), Arijit Ganguly, Shikhar Misra (acting DUGC, MSE), Aditya Kelkar (acting DUGC, PHY), Aakash Chand Rai (acting DUGC, SEE), Sharvari Nadkarni Ghosh, Niraj Sinha, Dhruvil Manish Doshi, Kinshuk Siyol, Saicharan Booduguri, Shamayeeta Dass

Following members could not be present:

Prof(s). S M Tripathi, T G Gopakumar, Sounak Thakur, Jishnu Bhattcharya, Avijit Khanra, Y N Mohapatra, Mainak Das, Utkarsh Verma

At the outset, the Chairperson, SUGC, welcomed the members present and subsequently after announcement and Action Taken Report (ATR), the agenda items were taken up for discussion.

<b>Item No. 1</b>	<b>Consideration of the Academic Performance Evaluation Committee (APEC) based on the performance of students in 2022-23-1 asynchronous Semester (only Y22 BT/BS batch)</b>
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The SUGC considered and recommend report of the Academic Performance Evaluation Committee (APEC) of Y22 BT/BS batch Undergraduate students for 2022-23-1 asynchronous semester to the Senate for further consideration and approval. On behalf of SUGC committee, the chairman SUGC thanked Dr. Ark Verma for presentation of APEC report and DoAA staff for preparation of report on time.

<b>Item No. 2</b>	<b>Consideration of report of the Core Curriculum Committee (CCC) for 2023-24-I regular semester.</b>
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The report prepared by the Core Curriculum committee for the forth coming semester (i.e., 2023-24-I) was presented by Dr. Niraj Sinha, Convenor, CCC, before the SUGC for discussion. After due deliberation, some concerns were raised by the members, and it was suggested that some minor corrections have to be made to the CCC report before implementation:

- a) ECO department should be removed from the HSS-1 and HSS-2 course offering department in the table no. 1.1.
- b) A row in the table 1.3 related to HSS-I (1) should be removed.
- c) Formulae for instructor load should be reworked as the number of students in different courses has increased beyond 600 and Table 4.0 should be rechecked.

Apart from the above points the committee members have also pointed out the following issues that may be reported to the Senate for information:

- a) New departments are not participating in teaching of Institute Course (IC) courses to UG students. They are expected to provide tutors for these courses.
- b) Ethics, Tutorship for small departments is a problem because not many faculty members are available for it.

The committee appreciated the sincere efforts of Dr. Niraj Sinha in preparing the CCC report for 2023-24-I and placed it on the records.

<b>Item No. 3</b>	<b>Consideration of the course/credit(s) waiver request of Mr. Abhishek Agrawal (170020/BT/CHE) for completion of his academic programme</b>
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The committee discussed the request of Mr. Abhishek Agrawal (170020/BT/CHE) to waive off the lab component of the department compulsory course CHE453A (2 credits) and after due deliberation, the request has been recommended and forwarded to the senate for the further consideration.

The recommendation of the SUGC will be forwarded to the Chairman Senate for further approval.

<b>Item No. 4</b>	<b>Discussion on the proposed Template of Space Science &amp; Astronomy (SSA) department for Minor programme</b>
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The Committee members discussed the proposed template of Space Science & Astronomy (SSA) department for Minor programme. The committee noticed that the all minor courses are PG level courses and it may difficult for the UG students to pursue these courses for completion of minor in SSA. In this connection, the committee requested to the department to revise the course level (between 2-4 level) and send revised proposal again for discussion in the upcoming SUGC meeting.

<b>Item No. 5</b>	<b>Consideration of the new course proposal from the Space Science Astronomy (SSA) department</b>
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The committee discussed the proposal of new courses received from the Space Science Astronomy (SSA) department and after due deliberations, the committee approved the below-mentioned two new courses. A course code will be generated by the UG office for each course and will be shared with the department through an order. Detail of approved courses are as follows:

S. No.	Title of Course	Proposed by	Credits	Type of Course	Suggested Course Code after discussion in the meeting
1	Introduction to Astronomy: Planets and Stars	SSA	09	UG	SPA201
2	Introduction to Astronomy: Galaxies and Cosmology	SSA	09	UG	SPA202

It was noted that these courses should be given number starting with 2 (means 2<sup>nd</sup> level) because these courses are offered to students from 2<sup>nd</sup> year onwards.

<b>Item No. 6</b>	<b>Consideration of the request of the following students to give waiver against the courses they had cleared in other University/Institute as a non-degree student under Exchange Programme</b>
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Request of the following students for getting waiver in the credit requirements, in-lieu of the courses cleared in other Institute/University in 2022-23-1 semester as non-degree students under exchange program was considered by the Committee:

S. No.	Name	Roll No.	Prog. / Dept.	Credits Approved
1	ADITI GOYAL	190057	BT/CSE	47

2	SUHAS S	190870	BT/CSE	49
3	YATHARTH GOSWAMI	191178	BT/CSE	47

Based on the recommendations of the DUGC and details of the course mapping, SUGC granted the waiver to above students as per Clause 11.5 "Transfer of Credits and Waiver in-lieu thereof".

<b>Item No. 7</b>	<b>Discussion on the proposal of Students' Senate Nominee to float Dual Degree (Category A) applications in 8<sup>th</sup> Semester</b>
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The proposal of the students' Senate Nominee to float Dual Degree (Category A) application in 8<sup>th</sup> semester was discussed in the meeting. The committee feels that the floating Dual Degree application in the 8<sup>th</sup> semester will create logistic issues at multiple stages. Furthermore, the related data shows that a large number of students drop out from Dual Degree.

Therefore, after due deliberation, the committee decided not to recommend the proposal.

The committee appreciated the effort made by the Students' Senate Nominee.

<b>Item No. 8</b>	<b>Consideration of the request of Ms. Shreya Kacholiya (180735/BT/CSE) to retain grade of a modular course in her grade sheet when she was on Semester Leave</b>
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The committee discussed the request of Ms. Shreya Kacholiya (180735/BT/CSE) to retain "A" grade of a modular course (CS203A) in her grade sheet when she was on Semester Leave in 2020-21-1 semester on medical grounds. And after due deliberation, the committee recommended and forwarded her request to the Senate for further discussion and consideration.

<b>Item No. 9</b>	<b>Discussion on an action/option for the chairperson SUGC and DUGC on un-sanctioned leave (Amendment on the clause 11.4 of the UG Manual)</b>
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The committee discussed the agenda, and it has been decided to send a note for un-sanctioned leave and to manage attendance record of undergraduate students to the Senate for information and further action so that student may be traced time to time. It is noted that many students leave the campus without informing any authority and apply for leave only when they miss any quiz or lab. If a student has missed a class which does not have compulsory attendance or weightage of attendance in overall marks, then they don't apply for leave. Thus, they have to be a deterrent to put a stop to such practices.

The committee also suggested that the decision should be taken at the Institute level for all UG and PG students.

<b>Item No. 10</b>	<b>Discussion on the role of DUGC members in a department having large strength of students like EE, CSE, ME, CE, &amp; CHE.</b>
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The role of DUGC members in a department having large strength of students was discussed in the meeting and after discussion, it has been decided that the chairperson SUGC on behalf of the committee will write to the HODs regarding it.

<b>Item No. 11</b>	<b>Discussion on how should the hours be decided for undergraduate research students (Reference order No Dord/IITK/Estt./2023/2519 of DORD dated January 30, 2023)</b>
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With reference to the O/o vide Dord/IITK/Estt./2023/2519 of DORD dated January 30, 2023 issued by the Office of Research & Development related to Guidelines for hiring of manpower, new project positions and revised salary structure of project staff was discussed in the meeting and after due deliberation, it has been decided that a student may be allowed maximum 65 credits only (credits equal to hours in a week) as per his/her academic status. The students placed on the Academic Deficiency are not eligible for work.

<b>Item No. 12</b>	<b>Request of Mr. Rachit Kumar(200748/BS/PHY) for fourth time Semester Leave on Medical grounds</b>
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The committee had noted the decision of the chairperson SUGC on the request of Mr. Rachit Kumar (200748/BS/PHY) for fourth time semester leave.

<b>Item No. 13</b>	<b>Approval on the newly proposed courses of Mathematics &amp; Scientific Computing and Mechanical Engineering department</b>
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The committee had noted the decision of the chairperson on the approval of the 24 newly proposed courses. The list of courses are as follows:

S. No.	Title of Course	Proposed by	Credits	Type of Course	Suggested Course Code
1	Internship I	MTH & STA	09	UG	MTH3XXA
2	Internship II	MTH & STA	09	UG	MTH3XXA
3	Internship III	MTH & STA	09	UG	MTH3XXA
4	Internship IV	MTH & STA	09	UG	MTH3XXA
5	Internship V	MTH & STA	09	UG	MTH3XXA
6	Dynamics	ME	09	UG	ME209
7	Fluid Mechanics	ME	08	UG	ME231
8	Nature and Properties of Materials	ME	06	UG	ME222
9	Theory of Mechanisms and Machines	ME	09	UG	ME252
10	Primary Manufacturing Processes	ME	07	UG	ME261
11	Energy System I	ME	09	UG	ME301
12	Heat Transfer	ME	09	UG	ME341
13	Introduction to Elasticity	ME	09	UG	ME321
14	Secondary Manufacturing Processes	ME	07	UG	ME361
15	Energy System II	ME	09	UG	ME302
16	Vibration and Control	ME	09	UG	ME354
17	Design of Machine Elements	ME	08	UG	ME351
18	Manufacturing Systems	ME	09	UG	ME371
19	Advanced Fluid Mechanics	ME	09	UG	ME331
20	Robotics	ME	07	UG	ME381
21	Experiments in Mechanical Engineering-I	ME	03	UG	ME333
22	Experiments in Mechanical Engineering-II	ME	04	UG	ME334
23	Chemical Engineering Communication Skills	CHE	02	UG	CHE200
24	Chemical Process Technology	CHE	09	UG	CHE261

<b>Item No. 13 (Added)</b>	<b>Announcement on the case of Mr. Abhay Yadav (190018/BS/CHM) related to the registration in TA202A</b>
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With reference to the Item No. 6 of the action taken report of this meeting, on the recommendation of the course instructor and DUGC, CHM, the Chairperson approved that Mr. Abhay Yadav may be allowed to re-register in TA202A in current semester and requested the committee to give its concurrence to the same. The committee agreed.

Manoj K. Harbola  
Chairperson, SUGC

Copy to: Dean of Academic Affairs (for information)