

SUGC OFFICE

Tel.: +91-512-259 7954, 259 7823

Fax: +91-512-259 0534

Email: sugc@iitk.ac.in; vidtan@iitk.ac.in

भारतीय प्रौद्योगिकी संस्थान, कानपुर
INDIAN INSTITUTE OF TECHNOLOGY KANPUR
P.O.: I.I.T., Kanpur 208 016, Uttar Pradesh, India

शैक्षिक विभाग : पूर्वस्नातक शाखा

ACADEMIC SECTION: UNDERGRADUATE OFFICE

Chairperson, SUGC

28th April, 2018

To

All Members of the SUGC

**MINUTES OF THE 2017-2018/4th MEETING HELD ON 20th MARCH, 2018 AT
4.00 PM IN QIP CONFERENCE ROOM (ACADEMIC AFFAIRS BUILDING)**

MEMBERS PRESENT**SUGC Members:**

- | | |
|---|--------------------------------|
| 1. Dr. Rajiv Shekhar (Chairman) (MSE) | 12. Dr. Suchitra Mathur (HSS) |
| 2. Dr. Manoj K. Harbola (Ex-Officio) (PHY) | 13. Dr. Rajiv Shekhar (MSE) |
| 3. Dr. G.M. Kamath (Senate Nominee) (AE) | 14. Dr. Sameer L. Chavan (MTH) |
| 4. Dr. Sanjay Kumar (AE) | 15. Dr. Manoj K. Harbola (PHY) |
| 5. Dr. Nitin Gupta) (BSBE) | 16. Dr. Malay K. Das (ME) |
| 6. Dr. Anurag Tripathi (CHE) | 17. Dr. Animesh Mandal (ES) |
| 7. Dr. Debabrata Goswami (CHM) | 18. Dr. Subhas C Misra (IME) |
| 8. Dr. Sudib Kumar Mishra (CE), | |
| 9. Dr. Nitin Saxena (CSE) | |
| 10. Dr. K. Vasudevan (EE) | |
| 11. Dr. Sohini Sahu (<i>in place of Dr. Vimal Kumar</i>)
(ECO) | |

Student Representatives:

- | | |
|---|--|
| 1. Mr. Abhishek Jain | 4. Mr. Ayushya Agarwal (in place of Ms. Vasundhara Rakesh) |
| 2. Mr. Siddhartha Srivastava (in place of Mr. Abhishek Singh) | 5. Mr. Abhishek Aryan (in place of Siddhant Naik) |
| 3. Mr. Kunal Kapila | |

MEMBERS REQUESTED FOR LEAVE OF ABSENCE

Nil

MEMBERS ABSENT

- | | |
|------------------------------|---------------------------|
| 1. Dr. Naren Naik (PSE) | 4. Dr. Deepu Philip (DES) |
| 2. Dr. R. G. Pala (MSP) | |
| 3. Dr. Aditya H Kelkar (NET) | |

At the outset the Chairman, SUGC, welcomed all the members present, and subsequently, the agenda was taken up for discussion.

Item No. 1: Announcement, if any

Chairman, SUGC informed the house that he is going to join IIT (ISM), Dhanbad, as a Director and Dr. Debabrata Goswami will be the Acting Chairman, SUGC till the date of selection of Chairman, SUGC by the Senate.

Item No. 2: Confirmation of the minutes of the 2017-2018/2nd meeting held on 18th December, 2017 and 2017-2018/3rd meeting held on 30th December, 2017 in QIP Conference Room (Academic Affairs Building)

The draft Minutes of the 2017-2018/2nd meeting held on 18th December, 2017 and 2017-2018/3rd meeting held on 30th December, 2017 were circulated amongst the members with a request to give their comments. Since no comments were received the above cited minutes except one i.e., the committees which were constituted by the SUGC should be a committee not a standing committee. The minutes were confirmed subject to incorporation of the above cited change.

At the time of confirming the minutes of 2017-18/2nd meeting, it has been decided that the Senate will be requested to re-consider the recommendation which was given against the re-appeal of Mr. Prakhar Singh Karol (11510) BT of Civil Engineering Department. Since the student has already spent 12 semester and having only 8 course + 2 PE backlogs he may be given a chance for completion of his academic program.

Item No. 3: Consideration of the report of the Standing Committee of the SUGC constituted for finding out the way how to adjust the academic requirements of the PwD students.

The report of the committee constituted for finding out the way how to adjust the academic requirements of those course(s) which cannot be completed due to physical disabilities by substituting with other academic curriculum/activities was placed before the SUGC. After due deliberation on the report it was decided that an elaborate report by giving details how to handle this type of PwD students based on the feedback/comments of the concerned departments.

Item No. 4: Consideration of the report of the Standing Committee of the SUGC constituted for evolving a mechanism for those students, who are academically deficient and to suggest the appropriate remedial measures for improvement of their academic performance.

In the last SUGC meeting a standing committee was constituted to evolve a mechanism for those students, who are academically deficient and to suggest the appropriate remedial measures for improvement of their academic performance.

In this regard, a report was submitted by the said committee which was accepted in principle; there was the suggestion that for follow up related to implementation, the ADUG should be consulted, and feedback should also be taken from the three departments (Maths, Physics, and CSE) where the proposal called for the creation of one-semester bridge courses.

Item No. 5: Consideration of the proposed revisions in the course templates of various departments

The committee was apprised that for avoiding numerous changes in the course templates all departments were requested to re-look at their templates comprehensively and freeze the changes till the new ARC curriculum will be followed. While considering the issue related to finalizing the program-wise course templates of various departments, it was decided that the revised course templates will be circulated amongst the departments for comments/feedback, if any. Based on the department's comments/feedback the revised course templates will be considered by the committee for recommending to the Senate for its approval.

Item No. 6: Consideration of the proposal to allow the student to opt Double Major program after in 7th semester subject to fulfilment of some conditions related to Double Major Program.

The committee was apprised that as per Clause 10.3.2 "Application Process" of UG Manual, student may apply for pursuing Double Major program only once towards the end of their fourth semester and due to limitation in the seat availability, applications are shortlisted as per the CPI. But it is observed that during the period from 5th to 7th semester more than 30-40% students withdraw from the Double Major Program and the seats fall vacant. For fulfilling of these vacant seats, it was proposed that student may be allowed to apply for Double Major Program once more by the last date of add/drop in 8th semester subject to the following conditions:

- *Academic program of the student will be completed within the normal residency period I.e., at the end of 10th semester. For this purpose, a Course Plan will be submitted by the student at the time of submission of the application.*
- *Positive Recommendations of both the DUGCs (parent department and department of second major) are mandatory.*
- *Application will be considered by the SUGC.*

After due deliberation on the proposal, it was decided by the committee that the above cited proposal will be sent to the Senate for further consideration.

Item No. 7: Consideration of the request of Mr. Siddhartha Saxena (150719) a BT student of CSE Department to allow him to pursue internship in his 7th semester including summer-2018 as a non-degree student

Request of Mr. Siddhartha Saxena for allowing him to pursue internship in his 7th semester (2018-19-I) including Summer-2018 in Aalto University, Finland, was considered by the committee. Since no provision exists in the UG Manual to grant semester leave for pursuing internship, it was decided that request of the student may be accepted if he goes for pursuing any course/project work related to his academic curriculum, as a non-degree student.

Item No. 8: Consideration of the requests of the students to allow them to proceed to other institute/university as a non-degree students through exchange program for pursuing their thesis work.

Requests of the following students, to allow them to proceed to other Institute/University as a non-degree student through exchange program for pursuing their thesis work during 2018-19-I semester were accepted by the committee:

Sl. No.	Roll No.	Name of the student	Deptt.	Program	Name of the Institute/University and Supervisor/External Co-supervisor
1.	14807519	Rahul Gupta	CSE	BT-MT	NUS, Singapore Prof. Subhajit Roy and Dr. Kuldeep Meel <i>2018-19-I including Summer-2018)</i>
2.	14807629	Sharma Shubham Mangilal	CSE	BT-MT	NUS, Singapore Prof. Subhajit Roy and Dr. Kuldeep Meel <i>(2018-19-I including Summer-2018)</i>
3.	14817281	Jay Sandeep Deshmukh	PHY	BS-MS	TFIR, Mumbai <i>For two consecutive semesters (2018-19-I and 2018-19-II)</i>
4.	150728	Soumye Singhal	CSE	BT	MILA, Canada Dr. Aaron Courville
5.	150300*	Jaivardhan Kapoor	EE	BT	Max Planck Institute for Intelligent Systems, Germany Dr. Isabel Valera <i>(2018-19-I including Summer-2018)</i>

- *As per the invitation letter students are going for summer internship and will continue other semester without any course work which is related to completion of his academic program except doing one course UGP-1 & UGP-3*

Item No. 9: Consideration of the appeal of Mr. Naveen Gupta (11452/11907452) a Dual Degree student of Aerospace Engineering Department whose PG Part under dual degree program was terminated at the end of 2017-18-I semester due to accumulation of 3X grade in thesis.

The committee was apprised that as per Clause 9.3, PG Part, academic program of Mr. Naveen Gupta (11452/11907452) was terminated due to accumulation of 3X grade in thesis at the end of 2017-18-I semester. As per the record, all requirements for completion of the academic program have already been completed except submission of thesis and subsequently thesis defense.

Last semester (2017-18-I) he had registered 9 credits thesis only for submission of thesis though he had completed his thesis credits at the end of 2016-17-II semester. Since he was not aware that his academic program has been terminated due to obtaining one X grade against the thesis credit which was registered for submission of thesis in the last semester, he could not submit his appeal for reinstatement. After the last date of submission of appeal, he had received the termination letter for this reason he could not submit his appeal for consideration within the stipulated date.

Since all the requirements for completion of his academic program have been completed by the student except submission of thesis and subsequently thesis defense, it was decided by the committee that positive recommendation will be sent to the Senate for reinstatement of his PG Part.

Item No. 10: Consideration of the request of Ms. Riya Gupta (13583/13816583) a BT-MS student of CHE-ECO Department to allow her to substitute the compulsory course with another course having the same course contents for completion of her academic program

Request of Ms. Riya Gupta to allow her to substitute a compulsory course with another course having the same course contents for timely completion of her academic program was considered by the committee.

Since ECO345A (Economics-II) is a compulsory course of UG Part of BT/BS-MS Dual Degree program of Category-B and the course contents & Instructor of Course No. ECO761A (Applied Econometrics) are same, student had taken the course ECO761A for completion of the credit requirements of PG Part. But for completion of DE credit requirements, another DE course will be taken by the student. After due deliberation, it was decided by the SUGC that waiver may be given subject to approval of the Senate.

Item No. 11: Consideration of the request of Mr. Shreyansh Mridul (13807670) a BT-MT (Dual Degree) student of ME Department to give waiver of 1 OE credit in graduating requirements.

The committee was apprised that a request was received from Mr. Shreyansh Mridul for giving waiver of 1 credit in Open Elective (OE) requirement. In the course template of BT program in ME, total credit requirement in Open Elective (OE) is 54 and after opting dual degree program, student is given waiver of 18 OE credits. But the student has already cleared 35 credits instead of 36 credits by taking the following courses:

AE321A	09	credits
AE211A	11	“
AE201A	05	“
MBA766A	05	“
MBA766A	05	“

The committee was also apprised that as per the decision of the Senate in its meeting held on 30th August, 2016, it was specifically decided that only one credit in SO/ESO requirement may be waived for completion of academic program. Since the student has requested for waiver in the OE credit requirement and there no provision is existed in the UG Manual to give waiver one credit in OE requirements, it was decided that recommendation may be sent to the Senate for its approval.

Item No. 12: Consideration of the requests of Convener, DUGCs of HSS & Earth Sciences Departments to approve the new courses of their departments.

Proposals for approving of the following new courses received from Convener, DUGC of HSS and Earth Science departments was accepted:

Course No.	Course Title	Name of the Course Instructor
SOC484	SOCIOLOGY OF THE NEW MEDIA	Dr. Jillet Sarah Sam
ES419	HYDROLOGICAL SYSTEMS	Dr. Ishwar Kumar C
ES400	COMMUNICATION SKILLS IN EARTH SCIENCES	All ES Faculty member
ES450	ECONOMIC GEOLOGY	-----
ES451	ENVIRONMENTAL GEOLOGY	Dr. I. Sen & Dr. J.N. Malik

Item No. 13: Consideration of the proposal of the Aerospace Engineering Department to consider the non-departmental courses as a Department Elective for completion of the graduation requirements

The committee was apprised that a proposal was received the Aerospace Engineering Department for considering the following non-departmental courses as a Department Elective (DE) for the Dual Degree students who specializes in Flight Mechanics & Controls due to insufficient number of faculty in this area:

1. EE250A (Control System Analysis)
2. EE650 (Basics of Modern Control Systems)
3. ME850 (Basic Control Systems for Mechanical Engineering)
4. EE698G (Probabilistic Mobile Robotics)

The above cited proposal was considered by the SUGC in its 2016-17/4th meeting held on 24.03.2017 and it was suggested that before taking any decision on this issue it may be discussed between two departments EE and AE and based on the feedback the proposal will be considered in the next meeting. In this regard, the said proposal was discussed between the Heads of two departments and having the consent, it is recommended that students may be allowed to take the courses of Electrical Engineering Department as DE-PG of Aerospace Engineering Department.

In addition of the above another proposal of the student has been sent by the Convener, DUGC to consider the following non-departmental courses as a Department Elective for the students pursuing dual degree in Flight Mechanics Area:

- ME766A (Robot Motion Planning)
- ME850A (Basic Control System for Mechanical Engineers)
- EE653A (Digital Control)
- EE654A (Robust Control Systems)

As per the provision, non-departmental courses are not considered as a Department Elective Course for fulfilment of graduating requirement, for this reason the proposal was considered by the committee and it was decided that the proposal may be sent to the Senate for its approval.

Item No. 14: Consideration of the request of Convener, DUGC of AE department to change the title of Course No.AE322 from “Flight Mechanics-II” to “Aircraft Control Systems” with changes in the course contents.

Request received from Convener, DUGC of AE department to change the title of Course No.AE322 from “Flight Mechanics-II” to “Aircraft Control Systems” with changes in the course contents was considered by the committee. Earlier the request for changing the course title of courses AE321A and AE322A from “Flight Mechanics-I & II” to “Flight Dynamics-I & II” along with the changes in the course contents was approved by the SUGC in its 2016-17/1st meeting held on 25th October, 2016. The request for renaming the course AE322A as “Aircraft Control System” was accepted by the committee.

Item No. 15: Consideration of the request of Mr. Alok Ranjan Singh (14069) a BT student of AE department to allow him to change his academic program from single degree to dual degree in the same department.

Since all the eligibility criteria for opting the dual degree program have been fulfilled by Mr. Alok Ranjan Singh, his request for allowing him to change his academic program from single degree to dual degree in the same department after completion of his 7th semester was accepted by the committee.

Item No. 16: Consideration of the request of Ms. Himanshi Jangir (13300/13807300) a Dual Degree student of BSBE department to give waiver of 9 credits in DE requirement in lieu of optional course of UGP-4 (BSE499) for completion of her academic program

Request of Ms. Himanshi Jangir (13300/13807300) a Dual Degree student of BSBE department to give waiver of 9 credits in DE requirement in lieu of optional course of UGP-4 (BSE499) for completion of her academic program was considered by the committee. After due deliberation, it was decided that if UGP-4 (BSE499) is considered as UGP-2 and the credits is counted towards DE credits then in place of UGP-4 (mandatory for dual degree program) another UGP will be cleared by the student in Summer-2018.

Item No. 17: To note the list of students allowed to withdraw from the Dual Degree and Double Major program.

Requests of the following students to allow them to withdraw from the dual degree program was accepted by the committee:

Dual Degree				
Sl. No.	Roll No.	Name	Dept.	Program
1	14424/14807424	NIKHIL BANSAL	MSE	BT-MT
2	14483/14807483	PRANSHU PATIDAR	MSE	BT-MT
3	14795/14807795	VIBHOR KUMAR	CIVIL	BT-MT
4	14416/14807391,	NAVEEN KUMAR MEENA	AE	BT-MT
5	14391/14807391	MOHAMMAD QUAIS MANSOORI	IME	BT-MT
6	14695/14807391	SIDDHARTH RAJ GUPTA	AE	BT-MT
7	14643/14817643	SHAURYA AARAV	PHY	BS-MS
8	14096/14817096	ANIKET MAITI	PHY	BS-MS
9	14412/14817412	NAMAN KUMAR GUPTA	PHY	BS-MS
10	14683/14817683	SHUBHAM PRAKASH	MTH	BS-MS
11	14279/14807279	JATIN AGRAWAL	IME	BT-MT

12	14383/14807383	MD WASIM ALAM	MSE	BT-MT
----	----------------	---------------	-----	-------

DOUBLE MAJOR:

1	14244	GAURAV VERMA	EE	CSE
---	-------	--------------	----	-----

Item No. 18: Consideration of the proposal to incorporate relevant PG rules which are followed for dual degree students in the UG Manual.

The committee was apprised that after migration all the dual degree students are governed by the PG Manual though the dual degree program is an undergraduate academic program. As per the existing provision, after migration, rules of the PG Manual are followed for dual degree program. Now it is proposed to incorporate all the relevant PG rules which are followed for dual degree students in the UG Manual. The proposed PG rules related to dual degree program to be incorporated in the UG Manual were sent to all the concerned departments for obtaining feedback/comments, if any. Based on the department's feedback/comments, the proposed PG rules related to dual degree program was considered by the committee and it was decided that the Senate will be requested to approve the relevant PG rules which will be followed for dual degree program and to incorporate the same in the UG Manual.

(Rajiv Shekhar)
Chairman, SUGC

Copy to (for information): 1. Dean, Academic Affairs