

Fifteenth Meeting of the Senate

Date: 8th Jan, 2019



AGENDA

राष्ट्रीय प्रौद्योगिकी संस्थान,
उत्तराखण्ड

**National Institute of Technology,
Uttarakhand**



**Fifteenth Meeting of the Senate
National Institute of Technology, Uttarakhand**

Date: 08th January 2019

Time: 11:00 AM

Venue: NITUK-Satellite Campus at MNIT Jaipur

Item No.	Agenda	Page No.
S.15.01.	Confirmation of the Minutes of the Twelfth Meeting of Senate	03
S.15.02.	Confirmation of the Minutes of the Thirteenth Meeting of Senate	16
S.15.03.	Confirmation of the Minutes of the Fourteenth Meeting of Senate	21
S.15.04.	Action Taken Report	29
S.15.05.	Ratification if the notes approved by the Chairman Senate	30
S.15.06.	To approve the academic excellence awards to the students.	79
S.15.07.	To increase the intake of the students in Ph.D Programs	82
S.15.08.	To approve the policy of Internship for M.Tech.	82
S.15.09.	To approve the format of Transcript for M.Tech. students	87
S.15.10.	To approve the constitution of Viva-Vove Committee for Ph.D. viva	92
S.15.11.	To approve the evaluation Policy of Ph.D. by external Examiners	92
S.15.12.	To approve the policy to change the guide of Ph.D. students in case of resignation by the Supervisor from the Institute	93
S.15.13.	To approve the format of Provisional Degree Certificate of M.Tech. Degree	98
S.15.14.	To approve the format of PhD Thesis evaluation form	98
S.15.15.	To Approve partial modification of Ph.D Ordinances 3.21	98
S.15.16 .	To Approve the academic calendar for the Even semester 2019	98
S.15.17.	The approve relaxation of the students to register for less than 15/30 credits in the last semester of the B,Tech Degree	103
S.15.18.	To approve deregistration of the students Rajeev Saini (BT16ECE048)	103
S.15.19.	To approve the conduct of Six-level courses for PhD scholars in the department of Science and Humanities	107
S.15.20.	To approve the admission of one additional student in the department of Civil Engineering during the admission of year 2018-2019	111
S.15.21.	To approve the minimum requirement for the award of first division and the format of the grade card	114
S. 15.22.	Crediting of Zero-Credit Courses namely Project, Practical Training, Sport-I Sports-II for B.Tech. Programme	117

Secretary, Senate

S.15.01. Confirmation of the Minutes of the Twelfth meeting of the Senate.

The minutes of the Twelfth meeting of the Senate, held on the 21st July 2018, are enclosed as **Annexure S15.01**.

The Senate is requested to confirm the minutes.

S.15.02. To confirm the minutes of Thirteenth Senate Meeting.

The minutes of the Thirteenth meeting of the Senate, held on the 16th Nov. 2018, through agenda by circulation, are enclosed as **Annexure S15.02**.

The Senate is requested to confirm the minutes.

S.15.03. To confirm the minutes of Fourteenth Senate Meeting.

The minutes of the Fourteenth meeting of the Senate, held on the 2018, through agenda by circulation, are enclosed as **Annexure S.15.03.**

The Senate is requested to confirm the minutes.

S.15.04. Actions Taken Report.

The Action Taken Report on the minutes of the tenth meeting of the Senate is as under. The Senate is requested to note the same.

Agenda Item No.	Agenda Item	Action Taken
S.12.04	Award of Minor Degree to the students.	Implemented
S.12.05	Revision of Rules for punishment in the cases of use of unfair means by the students	Noted for Implementation
S.12.06	Revised composition of the M.Tech. Project Evaluation Committee.	Noted for Implementation
S.12.07	Constitution of Grade Moderation Committee.	Noted for Implementation
S.12.08	To consider the SWAYAM courses as an audit course for the students.	Implemented
S.12.09	To consider the Seats for "Study in India" Program.	Implemented
S.12.10	Admissions through ICCR, MEA, Government of India Schemes.	Implemented
S.12.11	Revised composition of Students Research Progress Committee.	Noted for Implementation
S.12.12	To consider the recommendations of SPGB for PhD Curriculum.	Implemented
S.12.13	To increase the level of Similarity Index of Master's and PhD Thesis.	Noted for Implementation
S.12.14	Discontinuation of Attendance Grade.	Implemented
S.12.15	Updated Course Book (Ordinances, Rules and Regulations).	Implemented
S.12.16	Revision of Scheme of Academic Performance Monitoring Advisory Committee (APMAC).	Withdrawn.
S.12.17	To consider the recommendation of SUGB for Preparatory Courses.	Withdrawn.
S.12.18	Nomination of two faculty members to the Board of Governors.	Implemented
S.12.19A	To consider the Constitution of Senate Under Graduate Board (SUGB) & Senate Post: Graduate Board (SPGB)	Implemented
S.12.19B	To Consider the reorganization of Department of Sciences and Humanities	Implemented
S.12.19C	To consider the request of Mr. Subhash Kumar Ranjan (BT14CIV053) regarding conversion of Open Courses (OC) to Departmental Elective (DE)	Withdrawn
S.13.01	Indefinite strike by the students and issues related to probable academic loss in the Odd Semester 2018	Implemented
S.14.01	Proposal to shift the students of B.Tech. 1 st , 2 nd & 3 rd year to a Satellite Campus at MNIT Jaipur.	Implemented

S.15.05. Ratification of notes approved by the Chairman Senate.

Some urgent issues as listed below were discussed with the Chairman, Senate and his approvals were taken in the related matters. The brief of the approvals taken are as under and details are enclosed as **Annexure S.15.04.**

Sr. No.	Name of the Noting
1.	Regarding recommendation of award of M. Tech Degree in Civil Engineering for 2016 Batch Students.
2.	Regarding recommendation of award of M.Tech Degree in Computer Science & Engineering for 2016 Batch Students.
3.	Regarding the Recommendation for the Award of M. Tech Degree in Electronics and communication Engineering for 2016 Batch.
4.	Regarding recommendation of award of M. Tech Degree in Mechanical Engineering for 2016 Batch Students.
5.	Regarding recommendation of award of M. Tech Degree in Electrical Electronics Engineering for 2016 Batch Students.
6.	Regarding recommendation of award of B. Tech Degree in Electrical and Electronics Engineering for 2012 Batch Students.
7.	Regarding recommendation of award of B. Tech Degree in Electronics and communication Engineering for 2012 Batch Students.
8.	Regarding recommendation of award of B. Tech Degree in Mechanical Engineering for 2013 Batch Students.
9.	Regarding recommendation of award of B. Tech Degree in Electrical Electronics Engineering for 2013 Batch Students.
10.	Regarding recommendation of award of B. Tech Degree in Electrical Electronics Engineering for 2014 Batch Students.
11.	Regarding recommendation of award of B. Tech Degree Mechanical Engineering for 2014 Batch Students.
12.	Regarding recommendation of award of B. Tech Degree in Computer Science & Engineering for 2014 Batch Students.
13.	Regarding recommendation of award of B. Tech Degree in in Civil Engineering for 2014 Batch Students.
14.	Recommendation for the award of minor degree to 2014 students in Computer Science Engineering
15.	Recommendation for the award of minor degree to 2013 students in Computer Science Engineering
16.	Regarding recommendation of co-supervisor from outside the institute for PhD of Bhoopendra Pandey.
17.	Regarding the Advt. for Oart-time PhD of "Visvesvaraya Ph.D scheme" Sponsored by MEITY, GOvt of India ubder SMDP-C2SD project.
18.	Permission to appoint an additional Supervisor for Ms. Anita (DS16SCJ002)

The Senate is requested to ratify the same.

Summary of Students Recommended for Award of B.Tech/M.Tech Degrees

Recommendation for Award of M.Tech Degree to 2016 Batch			
Sr. No.	Name of Student	Roll No.	Credits
Mechanical Engineering			
1	Neel Kamal Gupta	MT16MEC001	57
2	Nikhil Chauhan	MT16MEC002	56
3	Akash KumarNaik	MT16MEC003	56
4	Prajwal	MT16MEC004	56
5	Sudarshan Kumar	MT16MEC006	57
6	Anjali Jha	MT16MEC007	57
7	Gaurav Kumar	MT16MEC008	57
8	Vipin Pachouri	MT16MEC011	57
9	Ashwani Kumar	MT16MEC012	57
10	Amit Rai	MT16MEC013	57
11	Viveksheel Yadav	MT16MEC014	56
12	Ankur Kumar	MT16MEC015	56
13	Sanjul Pratap Singh	MT16MEC016	57
Department Computer Science and Engineering			
1	Babu Kumar	MT16CSE001	55
2	Gagandeep Singh	MT16CSE002	55
3	Priyanka Bhatt	MT16CSE003	55
4	Shubham Kumar	MT16CSE004	57
5	Saad Qumar	MT16CSE005	57
6	Shalani Gupta	MT16CSE006	56
7	Poonam Rani	MT16CSE007	60
8	Vaani Garg	MT16CSE008	55
9	Monika	MT16CSE009	55
10	Baldivya Mitra	MT16CSE010	55
11	Roma Krishna Koppanati	MT16CSE011	55
Department of Electronics and Communication			
1	Mr.Deependra Singh Kushwaha	MT16ECE002	55
2	Sudhri Kumar Singh	MT16ECE005	55
3	Abhishek Kumar	MT16ECE007	55
4	Manoj Sharma	MT16ECE008	55
5	Shubham Jha	MT16ECE009	55
6	Davuluri Srikanth	MT16ECE010	55
7	Lokanshu Kumar	MT16ECE013	55
8	Ratnesh Kumar Singh	MT16ECE001	57
9	Preet Singh	MT16ECE012	57
Department of Electrical Engineering			
1	Ajit Kumar Upadhiya	MT16EEE001	55
2	Tripti Gangwar	MT16EEE003	55
3	Gade Kesava Roa	MT16EEE004	55
4	Sujit Kumar	MT16EEE006	55
5	Vineet Kushwaha	MT16EEE007	55
6	Sangeeta Kumari	MT16EEE008	56
7	Priya Singh Bhakar	MT16EEE009	56
8	Gowra Murali Krishna	MT16EEE010	55
9	Vaishali Chapparya	MT16EEE011	55
10	Shefali Painuli	MT16EEE012	55
11	Ruchi Tamata	MT16EEE013	55
Department of Civil Engineering			
1	Surya Dev Singh	MT16CIV001	56
2	Ankit Chanda	MT16CIV002	56
3	Abhishek Pandey	MT16CIV003	56
4	Praveen Verma	MT16CIV004	56
5	Uttam Kumar Pandit	MT16CIV005	56
6	Rajat Kumar Keshari	MT16CIV006	57
7	Bichitra Singh Negi	MT16CIV007	56
8	Raghubir Giri	MT16CIV008	56
9	Ankush Kumar	MT16CIV009	56
10	Sudhri Narayan Bharati	MT16CIV010	57
11	Shivangi Khandelwal	MT16CIV011	57
12	Tanuja Khati	MT16CIV011	56

Recommendation for Award of B.Tech. Degree			
Sr.No.	Name of Student	Roll No.	Credits
1	Deepak Kumar Meena	BT12ECE009	320
2	Kumar Raj	BT12EEE009	322
3	Pawandev Rana	BT13EEE009	320
4	Suraj Giri Goswami	BT13CIV022	322
5	Shamshul Arfeen	BT13CIV049	320
6	Shubham Chauhan	BT13CSE005	320
7	Kapil Kumar Verma	BT13CSE007	324
8	Abhinaya Malasi	BT13MEC036	320
9	Paliseti Varaprasad	BT14CSE009	320
10	Shivang Garg	BT14CSE049	320
11	Shubham Kumar Singh	BT14CSE054	320
12	Nitesh Kumar Meena	BT14CSE057	321
13	Navdeep Thalor	BT14CIV006	320
14	Jasveer Singh	BT14EEE046	322
15	Somraj	BT14EEE018	326
16	Deepak Sharma	BT14EEE019	322
17	Dipanshu Kumar	BT14EEE042	324
18	Shubham Kumar	BT14EEE050	322
19	Sachin Singh	BT14MEC043	322

Recommendation for the Award of Minor Degree			
Sr.No.	Name of Student	Roll No.	Minor Degree
1	Mahendra Singh Bisht	BT13MEC056	CSE
2	Krishna Singh Mehra	BT14MEC048	CSE
3	Manish Shringi	BT14MEC055	CSE
4	Ghanshyam	BT14MEC057	CSE
5	Pandirla Babu	BT13ECE021	CSE
6	Prabhat Tewari	BT14CIV048	CSE
7	Vishal Verma	BT14ECE046	CSE
8	Deepak Kumar	BT14ECE050	CSE
9	Rishabh Sharma	BT14EEE033	CSE

STATISTICS OF THE STUDENTS ELIGIBLE FOR AWARD OF B.TECH. DEGREE IN ODD SEMESTER 2017 AND EVEN SEMESTER 2018/SUMMER TERM 2018

Branch	2014 Batch Students on Roll	2013 Batch Students on Roll	2012 Batch Students on Roll	2014 Batch Students eligible for award of degree	2013 Batch Students eligible for award of degree	2012 Batch Students eligible for award of degree	Students Eligible for Award of Degree in 2018						
							Total	Boys	Girls	Gen	SC	ST	OBC
CIV	57	04	NA	55	02	NA	57	53	04	21	08	05	23
CSE	56	03	00	53	02	00	55	47	08	25	07	03	20
EEE	49	02	01	49	01	01	51	48	03	21	07	05	18
ECE	50	02	01	47	00	01	48	40	08	17	07	05	19
MEC	58	01	00	55	01	00	56	53	03	27	08	03	18
Total	270	12	02	259	06	02	267	241	26	111	37	21	98

Department	Students Eligible for Awarded of Degree in 2018	No. of Students with CGPA 9.0 and above	No. of Students with CGPA 8 and above but below 9	No. of Students with CGPA 6.75 and above but below 8.0	No. of Students with CGPA below 6.75
CE	57	3	15	26	13
CS	55	8	15	15	17
EE	51	2	15	21	13
EC	48	3	13	14	18
ME	56	5	13	27	11
Total	267	21	71	103	72

STATISTICS OF THE STUDENTS ELIGIBLE FOR AWARD OF M.TECH. DEGREE IN 2018

Branch	2016 Batch Students on Roll	2016 Batch Students eligible for award of degree	Students Eligible for Award of Degree in 2018						
			Total	Boys	Girls	Gen	SC	ST	OBC
CIV	12	12	12	10	02	05	02	01	04
CSE	11	11	11	06	05	04	03	0	04
EEE	11	11	11	05	06	04	03	0	04
ECE	09	09	09	08	01	06	00	0	03
MEC	13	13	13	12	01	04	03	0	06
Total	56	56	56	41	15	23	11	01	21

Department	Students Eligible for Awarded of Degree in 2018	No. of Students with CGPA 9.0 and above	No. of Students with CGPA 8 and above but below 9	No. of Students with CGPA 6.75 and above but below 8.0	No. of students with CGPA below 6.75
CE	12	02	06	03	01
CS	11	02	05	03	01
EE	11	03	04	04	0
EC	09	01	06	02	0
ME	13	01	06	05	01
Total	56	09	27	17	03

S.15.06. To approve the Academic Excellence Awards to the students of B.Tech. 2014 and M.Tech 2016 Batch.

In compliance to resolution of third meeting of the Board of Governors vide agenda Item BoG 03.12 and resolution of fifth meeting of the Senate vide agenda Item S.05.04, a duly constituted committee recommended Academic Excellence Awards to be awarded to following students of B.Tech. 2014 and M.Tech 2016 Batch. The Committee report is enclosed as **Annexure S.15.06**.

Academic Excellence Awards for B.Tech 2014 Batch and M.Tech 2016 Batch

Sr. No.	Award	Criterion	Awardee	CGPA
B.Tech.				
1.	Director's Gold Medal	Highest CGPA from amongst all B.Tech. Graduating students.	Harman Preet Singh (BT14CSE010)	9.77
2.	Gold Medal for B.Tech. Civil Engineering	Highest CGPA from amongst all B.Tech. (Civil Engineering) Graduating students.	Ashwani Kumar Chauhan (BT14CIV040)	9.24
3.	Gold Medal for B.Tech. Computer Science and Engineering	Highest CGPA from amongst all B.Tech. (Computer Science and Engineering) Graduating students.	Harman Preet Singh (BT14CSE010)	9.77
4.	Gold Medal for B.Tech. Electrical and Electronics Engineering	Highest CGPA from amongst all B.Tech. (Electrical and Electronics Engineering) Graduating students.	Rajnish (BT14EEE022)	9.01
5.	Gold Medal for B.Tech. Electronics and Communication Engineering	Highest CGPA from amongst all B.Tech. (Electronics and Communication Engineering) Graduating students.	Saloni Yadav (BT14ECE006)	9.63
6.	Gold Medal for B.Tech. Mechanical Engineering	Highest CGPA from amongst all B.Tech. (Mechanical Engineering) Graduating students.	Pappu Kumar (BT14MECO32)	9.21
M.Tech.				
7.	Gold Medal for M.Tech. Civil Engineering	Highest CGPA from amongst all M.Tech. (Civil Engineering) Graduating students.	Aniket Chanda (MT16CIV002)	9.27
8.	Gold Medal for M.Tech. Computer Science and Engineering	Highest CGPA from amongst all M.Tech. (Computer Science and Engineering) Graduating students.	Ramakrishna Koppanati (MT16CSE011)	9.35
9.	Gold Medal for M.Tech. Electrical and Electronics Engineering	Highest CGPA from amongst all M.Tech. (Electrical and Electronics Engineering) Graduating students.	Gowra Murali Krishna (MT16EEE010)	9.67
10.	Gold Medal for M.Tech. Electronics and Communication Engineering	Highest CGPA from amongst all M.Tech. (Electronics and Communication Engineering) Graduating students.	Davuluri Srikanth (MT16ECE010)	9.29
11.	Gold Medal for M.Tech. Mechanical Engineering	Highest CGPA from amongst all M.Tech. (Mechanical Engineering) Graduating students.	Anjali Jha (MT16MECO07)	9.53

The Senate is requested to approve the excellence awards to the above students.

S.15.07. To increase the intake of the students in Ph.D Programs

The number of annual intake of full-time Ph.D. students was discussed in the SPGB. At present, 42 Doctorate faculty members are working in the Institute, which may increase in near future. In the resolution against agenda Item **S.11.04** in the 11th meeting of the Senate, it has been confirmed that each faculty can supervise maximum four Ph.D. students registered under him at any one time, out of which maximum two can be offered MHRD scholarship by the Institute. Further, the requirement of 41 full-time Ph.D. students has been received by Asso. Dean (Acad.-PG) from all departments for current semester. Considering all the matters, SPGB members recommended the annual intake of 60 full-time Ph.D. students who will be sponsored by the Institute. The minutes of the SPGB meeting is attached as **Annexure S.15.07**.

The Senate is requested to approve the increase the MHRD scholarship seats.

S.15.08. To approve the policy on Internship for M.Tech.

SPGB in its meeting held on 30th July 2018, the copy of minutes are attached as **Annexure S.15.07**, deliberate upon and recommended following policy for Internship for M.Tech students:

- a) Internship will be a 17 credit course which can be taken up by any M.Tech student in his 3rd semester. A student who earns 38 credits at the end of 2nd semester i.e. has completed the entire lecture based PG core & PG elective courses, is eligible for Internship. The duration of Internship shall be of minimum 9 months and maximum 12 months, preferably in the Industry in India.
- b) The student who is eligible and is willing to go for Internship but does not have an offer letter till the date of Registration for 3rd semester, will be allowed to register for internal Courses/Project which can be substituted by the Internship if the student submits the copy of the offer letter before the last date of Enrollment of the 3rd semester.
- c) DPGC will submit its recommendation to Dean (Academics) through proper channel after due verification of the existence and reputation of that Company to which student wishes to go for Internship. The student will then be allowed to register for Internship.
- d) DPGC shall also appoint a Supervisor for the student from the Department and a Co-Supervisor from the concerned Industry for Internship. The Supervisor will be in contact with the student as well as with the Co-Supervisor through personal visits or by e-mail or any other appropriate means of communication.
- e) The student is required to send a monthly work report to the Supervisor throughout the entire duration of his/her Internship. The supervisor is further required to monitor the attendance of the student in the Industry.
- f) It is the responsibility of the student to arrange for his/her Internship. However, a list of industries as well as the required guidance will be provided by the faculty advisor and the Training & Placement section to the students for this purpose.

- g) A student who wishes to go for Internship in 3rd Semester is mandatorily required to register for, Seminar of 2 credits, in 2nd semester. The credits of Internship Phase-I (3rd Semester) and Phase-II(4th Semester) are 5 and 10 respectively. The work of Internship Phase-I in 3rd semester will be extended in 4th semester as Internship Phase-II. Before the end of 3rd semester, the student will submit a report of Phase-I Internship to the concerned Supervisor in the department.
- h) The evaluation pattern of Phase-I Internship will be same as of Project Phase-I evaluation as given in the Ordinances, and the student has to be present in the campus for the same. The student will be allowed to register for Internship Phase-II on the recommendation of the Phase-I evaluation Committee.
- i) After completion of Internship Phase-II, the student has to submit his Dissertation in the Department on the entire research work. The format of Dissertation & evaluation will be same as per the Ordinances of the Institute.
- j) No financial assistance from the institute will be given to the student for Internship. It is mandatory that the student gets a stipend from the Industry where he/she undergoes for Internship.
- k) The Course shall have a code XXT501 for Internship Phase-I & XXT502 for Internship Phase-II.

The Senate is requested to approve the same.

S.15.09. To approve the format of Transcript for M.Tech. students.

The format of M.Tech. Transcript was discussed in the SPGB meeting and the same was designed as provided in **Annexure S15.08.**

The Senate is requested to approve the format of Transcript for the M.Tech.

S.15.10. To approve the constitution of Viva-Voce Committee for Ph.D. viva.

The SPGB in its meeting held on 12th Sept. 2018, the copy of minutes are attached as **Annexure S15.09**, deliberate upon and recommended following constitution of Viva-Voce committee for PhD viva:

1. HoD of the respective department-Chairman
2. One of the external examiners (Indian examiner) of the Ph.D. thesis.
3. Guide(s)
4. RPC members.

The Senate is requested to approve the constitution of the committee for the Ph.D. Viva.

S.15.11. To approve evaluation policy of Ph.D. thesis by the External Examiners.

The SPGB in its meeting held on 12th Sept. 2018, the copy of minutes are attached as **Annexure S15.09**, deliberate upon and recommended following policy for evaluation of PhD thesis by the external examiners:

- a. The Supervisor will submit a list of at least six examiners to Dean (Acad.), through respective HoD and in consultation with the respective RPC. The examiners should be of Associate Professor or Professor Level. For CSIR laboratories, it should be in the level of Principal Scientist or above. Dean (Acad.) will submit the list before the Chairman, Senate for his consideration and approval. The Chairman, Senate will select two examiners for evaluation of the thesis from this list.
- b. The Thesis should be evaluated by one Indian and one Foreign Examiners or two Indian Examiners nominated by the Chairman Senate from the panel of six Examiners.
- c. After the synopsis has been submitted and the thesis examiners have been selected by Chairman Senate, the Dean Academics will send a confidential letter/E-Mail to each approved member of the Thesis Board enclosing a copy of the synopsis and requesting him/her to serve as an examiner for the thesis. If either of the examiner refuses or no response is received within four weeks (with a reminder being sent after two weeks), then steps will be taken to appoint another Examiner(s).
- d. On receipt of the acceptance from the examiner, a hard copy of the thesis along with a copy of Ph.D examiner's recommendation form, will be sent to each examiner. The soft copy of the thesis can be sent via e-mail also.
- e. The names of the Examiners of the thesis shall be kept confidential till successful completion of the Ph.D. viva. However, on completion of Ph.D. thesis evaluation, Dean (Academic) will send the copy of Thesis Evaluation Report to the Thesis

Supervisor(s) along with the details of the Indian examiner so that the name can be included in the proposed list of the members of Ph.D viva.

- f. In case Dean (Academics) is the supervisor of the student concerned, above processing will be done by the Chairperson, SPGB.

The Senate is requested to approve the above policy for the submission of the PhD Thesis.

S.15.12. To approve the policy to change the guide of Ph.D. students in case of resignation by the Supervisor from the Institute.

The SPGB in its meeting held on 12th Sept. 2018, the copy of minutes are attached as **Annexure S.15.09**, deliberate upon and recommended following policy for changing the supervisor of Ph.D. students in the event of resignation by the Supervisor from the Institute:

- a. New Principal Supervisor(s) of the student will be decided by a Committee consisting of members from RPC under the Chairmanship of the respective HoD. The recommendation of this committee will be approved by the Chairman, Senate. The opinion of the student will also be considered by the committee.
- b. If the thesis can be submitted by the student before completion of that running Semester then the Principal Supervisor is permitted to continue as Principal Supervisor for that candidate even after resignation by the Principal Supervisor faculty from the Institute.
- c. If the thesis cannot be submitted by the student in the same semester, the above committee may recommend appointing a new Principal Supervisor, in that case the present Principal Supervisor may continue as Co-Supervisor of the student along with a new Principal Supervisor from the concerned department or from allied department.

The Senate is requested to approve the above policy to change the Principal Supervisor of a Ph.D. students in the event of resignation by the Principal Supervisor faculty from the Institute.

S.15.13. To approve the format of Provisional Degree Certificate of M.Tech. Degree.

Institute had received some grievances from M. Tech. students that the specialization is not mentioned in the Provisional Degree Certificate. The existing Provisional Degree Certificate was placed before the SPGB for recommending the modifications. The redesigned Provisional Degree Certificate is attached as **Annexure S.15.10**.

The Senate is requested to approve the new format of Provisional Degree Certificate of M.Tech degree.

S.15.14. To approve the format of Ph.D. Thesis evaluation form.

The format of Ph.D. Thesis Evaluation form was placed before the SPGB for recommendation and the proposed format is attached as **Annexure S.15.10**.

The Senate is requested to approve the Ph.D. Thesis Evaluation Form.

S.15.15. To approve partial modification of Ph.D Ordinances 3.2.1.

Consequent to the resolve of the Senate vide **Agenda S.12.12** there is a need to modify **Ordinance 3.2.1** as follows:

“3.2 Seminar during Ph.D work:

3.2.1 The candidate is required to give a seminar on the progress of his/her project work every 6 months in respective departments after the confirmation of PhD Registration.”

The Senate is requested to approve partial modification of Ph. D Ordinance 3.2.1.

S.15.16. To approve the academic calendar for the Even semester 2019.

Academic Calendar for Even semester 2019 has been prepared.

The Senate is requested to approve the Academic Calendar for Even Semester 2019 enclosed as **Annexure S.15.10**.

S.15.17. The approve relaxation of the students to register for less than 15/30 credits in the last semester of the B,Tech Degree.

As per the Clause No. 4.3 of the Course Book 2016, the student has to register for minimum 15 credits for each semester. Due to this clause the total credits, in the case of few students, the credits earned exceeds more than the maximum limit of required credits for award of the degree. Hence it is proposed to modify and create provisions in Clause No. 4.3 as follows:

“Under exceptional circumstances, a student can register less than minimum of 15 credits in the final semester. However, this will be permitted at the most once during the B.Tech program.”

The Senate is requested to approve the relaxation criteria of minimum 15 credits stipulated in Clause No. 4.3.

S.15.18. The approve deregistration of the student Rajeev Saini (BT16ECE048).

As per the Ordinances, Rules and Regulations, student should earn at least 35 credits after 4th semester, so as to continue his B.Tech. Programme at this Institute. The following student has failed to fulfill the required criteria and therefore it is recommended for deregistration from the B.Tech. program of the institution. The letter to this effect as already been issued to the student and his parents, as per institute norms which are attached as. **Annexure S.15.11.**

There are two students who have not fulfilled the required criteria. The names of these students are as mentioned below:

Sr. No.	Name of the Student	Roll No.	Completed Credits	Required Credits
1.	Rajeev Saini	BT16ECE048	23	35

The Senate is requested to approve deregistration of Rajeev Saini (BT16ECE048) from B.Tech. program of the institution.

S.15.19. The approve conduct of Six Level courses for Ph.D. scholars in the department of Science and Humanities.

Following PhD students of department of Science and Humanities have not been able to complete their respective coursework due to non-availability of six level courses in the department.

Sl. No	Name of the Student	Roll No
1	Zafar Iqbal	DS18SCJ001
2	Asha Joshi	DS18SCJ002

As per PhD Ordinances **Clause 3.1**, they are required to complete the course work within the two semesters, after joining the program. One student is going to complete two semesters and other student is going to complete first semester at the end of this ODD semester 2018. However, due to non-availability of six-level courses in the department, they could not complete their course work. Therefore, it is essential to offer six-level courses for these two PhD scholars, in the upcoming semester, so as to enable them to complete their course work as per Ordinances.

The Department science and Humanities organized CDW to prepare the syllabus for six-level courses for Ph.D. by inviting the experts from IIT Roorkee. The recommendations of CDW were wetted by SPGB in its seventh meeting, the minutes of which are attached as **Annexure S.15.12**. The brief details of the six-level courses are as follows:

Sl. No	Specialization	Name of the subject	Code	Credit
1	Physics	Synthesis of Materials	SCL601	3-0-0-3
2		Characterization Technique	SCL602	3-0-0-3
3		Physics of Materials	SCL603	3-0-0-3
4	Chemistry	Role of Organometallic Compounds in Organic Synthesis	SCL604	3-0-0-3
5		Molecular Spectroscopy	SCL605	3-0-0-3
6		Synthetic Organic Chemistry	SCL606	3-0-0-3
7		Photochemistry & Preicyclic Reactions	SCL607	3-0-0-3
8		Heterocyclic Chemistry	SCL608	3-0-0-3

The Senate is requested to approve the courses proposed by the SPGB.

S.15.20. To approve the admission of one extra student in the department of Civil Engineering during the admission of year 2018-2019.

During the B.Tech admission process in the year 2018, one additional student is allotted to The NIT Uttarakhand in the department of Civil Engineering due the software issues of CSAB 2018. This was communicated and approved by the competent authority of the CSAB 2018. The approval on mail received from CSAB from is attached as **Annexure S.15.13**. It is recommended that a one supernumerary seat be created to regularize the admission of the additional student.

The senate is requested to approve the creation of one supernumerary seat in the academic year 2018-19.

S.15.21. To approve the minimum requirement for the award of first division and the format of the grade card.

The CGPA conversion formula has been changed in the agenda item **S.10.15**, which now is required to be included in the final grade card. However as an implication of the same, requirement of first division will now be 6.00 CGPA instead of 6.75 CGPA, therefore the format of the final Grade Card has to amend accordingly.

The attendance grade, which is mentioned in the final grade card, has also been discontinued vide Senate Agenda **S.12.14**. Therefore the grade card has to be modified accordingly. The new format of the Grade Card with following modification is attached in **Annexure S.15.14**.

- i. The CGPA conversion formula
- ii. The minimum requirement for the award of first division.
- iii. The removal attendance grade

The Senate is requested to approve the revised format of Grade Card.

S.15.22. Crediting of Zero-Credit Courses namely Project, Practical Training, Sports-I and Sports II for B.tech programme.

With reference to the Agenda item **S. 10.17** of 10th Senate, on this subject the senate while agreeing in principle suggested that the proposal be reframed with due deliberations. Accordingly the issue of crediting of zero credit courses was deliberated upon in DUGC of all the departments and SUGB the minutes of the same are attached as **Annexure S.15.15**.

As regards Sport-I and Sports-II the SUGB recommends that Sport-I and Sports-II can't come under Departmental Core (DC) category. Moreover, Sport-I and Sports-II are equivalent to NCC/NSO/NSS. Therefore, Sport-I and Sports-II should continue to be a zero credit compulsory course. Allotting Sports – I and Sports – II, 01 credit each can reduce the number of OC credits to 19 which can further create complexities while awarding Minor Degree, as the student have to complete a set of pre-defined courses of total 20 credits under OC category.

As regards other Non-credit (UN) courses like Project (XXD201) and Literature Review Paper Writing (XXD 301), Practical Training(XXD201) and Community Project (XXT201) the SUGB has recommended two viable proposed formats for implementation of the same. The Senate is requested to deliberate upon and recommend one of the proposed formats.

Proposed Format-I

- (a) 01 credit each should be allotted to Project (XXD201) and Literature Review Paper Writing (XXD301), as both the courses are cumulatively evaluated during the semester. Both the courses will be considered under Departmental Core (DC) category. However, the minimum requirement for the award of the B. Tech degree will remain same (i.e. 160 credits) minimizing the requirement of the Open Courses (OC) credits to 21.
- (b) All other Non-credit (UN) courses except Project (XXD201) and Literature Review Paper Writing (XXD301) should be kept as it is.

OLD			
Non Credit Requirement		L-T-P	Credit
NCN101	NCC#	-	0
NCN102	NSS#	-	0
NCN103	NSO#	-	0
SPB101	Sports-I#	0-0-4	0
SPB102	Sports-II#	0-0-4	0
XXD201	Project	-	0
XXD301	Literature Review Paper Writing	-	0
XXT201	Practical Training	-	0
HMD201	Community Project	-	0

NEW			
Non Credit Requirement		L-T-P	Credit
NCN101	NCC#	-	0
NCN102	NSS#	-	0
NCN103	NSO#	-	0
SPB101	Sports- I#	0-0-4	0
SPB102	Sports-II#	0-0-4	0
XXT202	Practical Training	-	0
HMD201	Community Project	-	0
Courses allotted with Credit and converted DC Category			
XXD202	Project	-	1
XXD301	Literature Review Paper Writing	-	1

After conversion of the Non-Credit courses to the Credit Courses, the new credit requirement to earn the B.Tech degree shall be as follows.

S.No.	Category	Symbol	B.Tech. (4-year)	Modified B.Tech. (4-year)
1	UG Core	UC	106	108
1.1	Departmental Core	DC	59	59+2=61
1.2	Basic Sciences	BS	19	19
1.3	Engineering Arts and Sciences	ES	22	22
1.4	Humanities and Social Sciences	HM	6	6
2	UG Elective	UE	54	52
2.1	Departmental Electives	DE	25 (minimum)	25 (minimum)
2.2	Humanities, Social Sciences, Management	HM	6 (minimum)	6 (minimum)
2.3	Open Courses	OC	23 (balance)	23-2=21 (balance)
3	Non Credit Requirement	UN	0 (6 Courses)	0 (4 Courses)
4	TOTAL REQUIREMENT		160(Minimum)	160(Minimum)

Proposed Format-II

A student has option to carry out four project based courses during the B. Tech Degree, which are as follows:

1. Product Realization (offered in the 2nd Semester)
2. Project (offered in the 5th Semester)
3. Major Project Part I (offered in the 7th Semester)
4. Major Project Part II (offered in the 8th Semester)

It is proposed that Project (XXD201), Major Project Part I (XXD401) and Major Project Part II (XXD402) be merged together and be offered in one semester only (preferably in the final year of B.Tech program) so that the student can register for Internship in one semester and register for Major Project in other semester in the final year. This Major Project should be compulsory for all the students. Rest of the Non-credit (UN) courses can be Compulsory Courses without any credit for completion of B. Tech Degree. Maximum of 03 Credits may be allotted to Major Project.

After conversion of the Non-Credit courses to the Credit Courses, the new credit requirement to earn the B.Tech degree shall be as follows:

S.No.	Category	Symbol	B.Tech. (4-year)	Modified B.Tech. (4-year)
1	UG Core	UC	106	111
1.1	Departmental Core	DC	59	59+3=62
1.2	Basic Sciences	BS	19	19
1.3	Engineering Arts and Sciences	ES	22	22
1.4	Humanities and Social Sciences	HM	6	6
2	UG Elective	UE	54	51
2.1	Departmental Electives	DE	25 (minimum)	25 (minimum)
2.2	Humanities, Social Sciences, Management	HM	6 (minimum)	6 (minimum)
2.3	Open Courses	OC	23 (balance)	23-3=20(balance)
3	Non Credit Requirement	UN	0 (6 Courses)	0 (4 Courses)
4	TOTAL REQUIREMENT		160 (Minimum)	160 (Minimum)

All other Non-credit (UN) courses NCC/NSO/NSS/Sports, Literature Review Paper Writing, Practical Training and Community Project should be made compulsory Non-credit (UN) courses.

The Senate is requested to approve the new credit structure.

Secretary, Senate