



**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY
JAIPUR-302017**

AGENDA FOR THE THIRTY-EIGHTH SENATE MEETING

- Meeting Number : THIRTY-EIGHTH**
- Venue : CONFERENCE HALL, DIRECTOR
SECRETARIATE, PRABHA BHAWAN**
- Date : 16TH NOVEMBER 2018 (FRIDAY)**
- Time : 3.00 PM**

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

**AGENDA FOR THE THIRTY-EIGHTH MEETING OF THE SENATE TO BE HELD ON 16TH
NOVEMBER 2018 (FRIDAY) AT 3.00 PM IN CONFERENCE HALL, DIRECTOR
SECRETARIATE, PRABHA BHAWAN.**

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Item No. 38.1.0 : To confirm the minutes of the 37th meeting of the Senate held on December 1st, 2017.

The minutes of the 37th meeting of the Senate were circulated to all the members after approval of the Chairman Senate for information. No Comments were received on the minutes.

The Senate may kindly confirm the minutes (**placed at Annexure-A, Pg. 1-12**).

Item No. 38.2.0 : To note the “Action Taken” on the decisions taken in the 37th meeting of the Senate.

The “Action Taken Report” on the 37th meeting of the Senate is placed at **Annexure-B (Pg. 13-27)** for consideration of the Senate.

Item No. 38-3-0 : Items for consideration.

Item No. 38-3.1 : To consider the list of the students eligible for award of degree in UG, PG and Ph.D. programmes in the 13th forthcoming Convocation.

The lists of students eligible for award of degree in UG, PG and Ph.D. programmes in the 13th forthcoming Convocation are placed at **Annexure-C [Pg. 28-43 (UG), 44-61 (PG) and 62-63 (Ph.D.)]**.

The lists are placed before the Senate for its approval.

Item No. 38-3.2 : To consider the names of the students for award of Gold Medals in the respective UG and PG programmes.

Based on the highest CGPA attained by the students (graduated in the Academic Year 2017-18 in each programme), the names of the students eligible for award of Gold Medals in UG & PG programmes in 13th forthcoming Convocation are placed at **Annexure-D (Pg. 64-65)**.

The lists are placed before the Senate for its approval.

Item No. 38-3.3 : To consider the names of student representative in the Senate.

As per first statute of NITs clause 8 (xiv) two students’ representatives should be invited during discussion of general nature in Senate meeting. In this regard, it is proposed that Mr. Vinayak Sachdeva (2015UCP1057), overall topper in UG among all branches (CGPA 9.67 up to B.Tech./B.Arch. third year) and Ms. Niharika (2017PCW5130), overall topper among all branches (CGPA 9.68 up to M.Tech./M.Plan./MBA/M.Sc. First Year) are placed for nomination as Student representatives in Senate placed at **Annexure-E (Pg. 66-67)**.

Matter is placed before the Senate for its consideration and approval.

Item No. 38-3.4 : To consider the list of terminated student of various departments in M. Tech./M. Plan./MBA/Ph.D. who are not eligible for promotion/register for next semester due to his/her CGPA below 5.0 grade point or not reported for registration for more than two semesters for PG and more than three semesters for Ph.D.

The matter was placed in 39th meeting of SPGB held on 25th January 2018 under item No. 39-2.8 and in 40th meeting of SPGB held on 26th June 2018 under item No. 40-4.2. SPGB recommends termination of such students who are not eligible for promotion/registration for the next semester due to his/her CGPA below 5 grade point or not reported for registration for more than two semesters for PG and more than three semesters for Ph.D. The list may be put up for the consideration of the Senate placed at **Annexure-F (Pg.68-73)**.

Matter is placed before the Senate for its consideration and approval.

Item No. 38-3.5 : To consider the matter regarding issue of compliance certificate stating that the Ph.D. degree awarded by the Institute in accordance with the UGC Regulation on minimum Standards and Procedures for the award of M.Phil./Ph.D. degree, Regulation 2009.

The passed out students of Ph.D. degree programme are approaching for the issue of the compliance certificate stating that the Ph.D. degree awarded by the Institute in accordance with the UGC Regulation on minimum Standards and Procedures for the award of M.Phil./Ph.D. Degree, Regulation 2009.

The matter is put up to confirm that all the conditions mentioned in the aforesaid UGC regulation 2009 are met by the Ph.D. programme of the Institute. In case of any programme offered by the Institute then that must be included for issuing the desired certificate. The compliance of UGC regulations be implemented.

The matter was placed the 39th meeting of SPGB held on 25th January 2018 under item No. 39-2.10. SPGB opined that we may align our Ph.D. regulations according to UGC regulations in order to avoid any hardship to students. The performa of certificate **placed at Annexure-G (Pg.74)** may be adopted as per UGC regulation.

Matter is placed before the Senate for its consideration and approval.

Item No. 38-3.6 : To consider the matter regarding incorporating credit waiver grade in the Grade sheet of course work of Ph.D students.

Some of the Ph.D students of the institute have permitted (through SPGB on the recommendation of the DPGC) credit waiver in the Ph.D course work requirement. Presently the grade sheet of such type of students does not contain any information about such waiver and thus it causes confusion in the grade sheet while checking the minimum credit requirements. To reflect the credit waiver, there must be a mention of it in the Grade sheets to avoid any ambiguity regarding minimum credit requirement.

The grade sheet presently given by the institute has a provision for credit waiver as “WR” grade for it but this option is not exercised for Ph.D students granted credit/course waiver.

The matter was placed in 40th meeting of the SPGB held on 26th June 2018 under Item No. 40-2.3 SPGB approved and recommended that the credit waiver given to the Ph.D. scholar should be shown in relevant grade sheet of the scholar as ‘WR’ grade.

Matter is placed before the Senate for its consideration and approval.

Item No. 38-3.7 : To consider the matter of Internship for One year.

Intel India has offered one year Internship to 13 PG students of Department of Electronics & Communication Engineering and Computer Engineering Department. Above matter has been referred by HOD ECE and PTP office.

As per PG regulation Clause 5.7 permission to proceed to other academic institutions as non degree students Point IX-

” The minimum residence requirement for the students who avails this provision will remain unchanged for Ph.D. students but may be reduced by one semester for M. Tech. students, provided they spend at least one semester of 15 weeks duration or two quarters of at least 11 weeks duration each as non-degree students elsewhere with prior permission.”

SPGB discussed the matter in its 40th meeting under Item No. 40-2.5 in detail & members felt that there is no need for any additional provision to permit student for Internship of one year. The student will give a progress seminar in the department at the end of First Semester of his internship (end of Third Semester of degree) & based on the request of student & recommendation of DREC, the student may be permitted to continue the internship as follows.

- (a) By taking Semester withdrawal in second semester of Internship and complete his requirement after that or
- (b) With the external supervisor at the Industry/Internship Organization in fourth semester, if DPGC/ supervisor are convinced that sufficient work for M. Tech. may be produced

It was also resolved that the CGPA requirement for Internship be reduced from 8 CGPA to 7.5 CGPA.

Recommendation of SPGB is placed before the Senate for consideration and approval.

Item No. 38-3.8 : To consider the twinning arrangement with CTAE Udaipur under TEQIP-III between the two institutions.

MNIT Jaipur has a twinning arrangement with CTAE Udaipur under TEQIP III, which mandates to enhance academic and research collaboration between the two institutions. There is a mandate to induct nominated faculty of CTAE as **invited members** in various academic bodies of MNIT Jaipur for their

learning on good governance mechanism. It is proposed to induct one **invited member** nominated by Dean, CTAE Udaipur, each on SPGB, SUGB and Senate of MNIT Jaipur, as a part of twinning mechanism.

Proposal of the Coordinator TEQIP is placed before the Senate for its consideration and approval.

Item No. 38-3.9 : To consider change of status of Ph.D. candidature from self financed to Institute fellowship.

The Senate in its 32nd meeting held on 28th March 2015 under Item No. 32-3.9 decided that in case student has been admitted to a Ph.D. program without **“Institute Assistantship”** he/she completes his/her program i.e. **there shall be no change in the status (regarding “Institute Assistantship”) of a student mid way of the enrolled Ph.D. program”**.

The matter was discussed in the 40th meeting of SPGB held on 26th June 2018 under item No. 40-2.9. SPGB discussed the matter in details and felt that it **requires a change in the existing rules**.

If approved, the matter may be submitted to the committee reviewing PG/Ph.D. regulation.

Matter is placed before the Senate for direction.

Item No. 38-3.10 : To consider conducting only one Mid-Term instead of two Mid-Term in each semester for UG/PG Programme.

The SUGB in its 29th meeting held on 30th October 2018 and SPGB in its 41st meeting held on 7th August 2018 approved the replacement of existing two mid-term examinations by one mid-term examination on the basis of feedback received from students and DFBs.

Matter is placed before the Senate for approval.

If approved, Chairman Senate may be authorized to constitute a Committee to formulate the modalities of one mid-term examination.

Item No. 38-3.11 : To consider the minor amendment in the PG regulations 4.6 Change of Registration from Full-Time to Part-Time.

Sub Clause 1 of Clause 4.6 of existing PG Rules & Regulations “Change of registration from Full Time to Off Campus/Part Time Ph.D. programme” is as under:-

1. A student admitted to a fulltime Ph.D. programme may be permitted to change to an off campus/Part time Ph.D. programme by SPGB. A student requesting such a conversion must:
 - i. Have completed the comprehensive examination successfully, given the "State of Art" seminar which is adjudged as satisfactory, and completed the residency requirements,

- ii. Such a request should be endorsed by the supervisor(s) and the DPGC,
- iii. Produce a "No Objection" Certificate from the Head of the institution/ organization, which she/he proposes to join or the organization which has sponsored him/her.

The matter regarding conversion of Ph.D. status, the DPGC of Electronics & Communication Engineering in its meeting held on 17-07-2017 recommend a particular case (Mr. Vaikuntapu Rama Krishna-2014REC9007) to convert Ph.D. status from Full-time to Part-time scholar to SPGB.

The matter was discussed in the 41st meeting of SPGB held on 7th August 2018 under Item No. 41-2.3 & 41-2.8 and recommended that, the status of Ph.D. students whose Ph.D. is near completion (who have completed the experimental work/simulation work) and who has completed residency requirement may be permitted to change his registration status from Full Time to Part Time/Off Campus subject to the recommendation of Supervisor and DPGC. For such candidate NOC requirement should not be pressed upon. The Dean (AA) may be authorized to approve such recommendation on case to case basis. The above amendment may be extended for PG students in their last semester.

Matter is placed before the Senate for consideration and approval.

Item No. 38-3.12 : To consider the compliance of the UGC Regulations on minimum Standards and Procedures for the award of M.Phil./Ph.D. Degree, Regulation 2009- (UGC letter no.F.1-1/2002(PS)/Exemp. Part file III dated March, 2011).

The copy of the UGC letter no.F.1-1/2002(PS)/Exemp. Part file III dated March, 2011 is enclosed at **Annexure-H (Pg. 75-83)** in which procedure for admission and evaluation of assessment methods are as under:

Procedure for Admission:

1. An entrance test shall be conducted at the level of Institute.
2. It shall be followed by an interview
3. At the time of interview, doctoral candidates are expected to discuss their research interest/area.
4. Only predetermined number of student may be admitted to Ph.D. program.

Evaluation and Assessment methods:

1. Upon satisfactory completion of course work and research methodology, which shall form part & parcel of Ph.D. Programme, the Ph.D. Scholar shall undertake research work and produce a draft thesis within a reasonable time, as stipulated by the Institution concerned.
2. Prior to submission of the thesis, the student shall make a pre-Ph.D. presentation in the Department that may be open to all faculty members and research students, for getting feedback and comments, which may be suitably incorporated into the draft thesis under the advice of the supervisor.

3. Ph.D. candidates shall publish one research paper in a referred Journal before the submission of the thesis/monograph for adjudication, and produce evidence for the same in the form of acceptance letter or the reprint.
4. The thesis produced by the Ph.D. student in the Institutions/Departments and submitted to the University, Institution, Deemed to be University, College/Institution of National Importance, as the case may be, shall be evaluated by at least two experts, out of which at least one shall be from outside the State. It shall be upto the University, Institution, Deemed to be University, College/Institution of National Importance concerned to have one examiner from outside the Country.
5. On receipt of satisfactory evaluation reports, Ph.D. students shall undergo a viva voce examination which shall also be openly defended.

The matter was deliberated in the SPGB meeting and it was unanimously agreed that MNIT should align the admission and evaluation process along with UGC regulations. Further it was decided that:

1. An entrance test shall be conducted at the level of Institute. A committee will be formed to finalize modalities for execution of such entrance test at Institute level.
2. Allocation of student will only be done to those faculty members who have given their slots and willingness.
3. For Ph.D. submission the student must submit proof of acceptance/publication of at least one paper in SCOPUS/ESCI/SSCI/SCI Journal and two papers in reputed conference OR two papers in SCOPUS/ESCI/SSCI/SCI Journal.

Matter is placed for consideration and approval.

Item No. 38-3.13 : To consider the proposal of DUGC of Mathematics Department regarding revised curriculum of UG courses.

The Mathematics Department has proposed following 8 new elective and has dropped two elective courses (Mathematics-III and Linear Algebra and theory of Matrices). The details proposal of Mathematics Department are placed at **Annexure-I (Pg. 84-102)**.

S. No.	Course Code	Course Title
1.	MAT-408	Linear Algebra
2.	MAT-409	Integral and Discrete Transforms
3.	MAT-410	Discrete Mathematical Structures
4.	MAT-411	Graph theory
5.	MAT-412	Advanced Differential Equations
6.	MAT-413	Number Theory
7.	MAT-414	Measure Integral and Probability
8.	MAT-415	Random Variables & Stochastic Process

Matter was discussed in the DUGC meeting held on 04.07.2018 at Mathematics Department regarding Open electives offered by the Department to B.Tech. students. DUGC was of the view that Open electives offered by the Department to B.Tech. students should be taught in the III-IV semesters instead of the VII-VIII semesters. The matter as deliberated at

length in the meeting. It was strongly felt that to achieve good success in engineering courses and thereafter during practice as professional engineers,

the foundation of Mathematics should be extremely strong. Hence, DUGC proposed that open electives, as mentioned above, be taught in III-IV

semesters in view of the fact with discontinuation of Maths courses after II year, the students find it difficult to study Maths in VII-VIII semesters, especially in view of other pressures of final year studies/placement matters.

SUGB in its 29th meeting held on 30th October 2018 under item No. 29-3.1 recommended the proposed courses to the Senate for final approval. Also, the issue of floating courses in III and IV semesters is part of the scheme. Hence, it may be considered when the scheme is revised by the departments.

In view of the recommendation of SUGB, matter is submitted for Senate for kind consideration and approval.

Item No. 38-3.14 : To consider permission to the faculties to guide Ph.D. students of other Institute/University.

Some of the Professors/Associate Professors appointed in the Institute in the year 2018 have Ph.D. student at their earlier employment. To seek the permission to continue as a guide of such Ph.D. students, following faculties have requested;

S. No.	Name of the Faculty	Name of the students	Name of the Institute/University
1.	Prof. R. K. Goyal, Dept. of Met. & Mat. Engg.	Anita Manoj Patki (MIS No. 234710001)	College of Engineering Pune of Savitribai Phule Pune University (SPPU)
2.		Sampada Viraj Dravid (MIS No. 234710006)	
3.		Manisha G. Kulthe (MIS No. 131711004)	
4.	Dr. Vikas Kumar Sangal, Associate Professor, Dept. of Chemical Engg.	Sehas Preet Kaur	Thapar Institute of Engineering & Technology, Patiala
5.		Metali Sarkar	
6.		Himadri Rajput	
7.		Jayishnu Singla	
8.		Steffi Talwar	

Chairman Senate has granted the permission to Prof. R. K. Goyal or above first three students. Permission to Dr. Vikas Kumar Sangal is yet to be given.

Matter is submitted before the Senate for consideration and approval.

Item No. 38-3. 15 : To consider the proposal of curriculum review committee of Physics Department.

Revised course list is as follows:

S. No.	Course Code	Title	Credit	Type
1.	PHT101	Physics	4(3-1-0)	Core
2.	PHT411	Bio-inspired and bio-mimetic materials	3(2-1-0)	Elective
3.	PHT412	Carbon Based Materials and Applications	3(2-1-0)	Elective

4.	PHT413	Introduction to Biophysics	3(2-1-0)	Elective
5.	PHT414	Introduction to Elementary Particle Physics	3(2-1-0)	Elective
6.	PHT415	Introduction to theory of relativity and cosmology	3(2-1-0)	Elective
7.	PHT416	Introductory Nuclear Physics	3(2-1-0)	Core
8.	PHT417	Laser: Principles and applications	3(2-1-0)	Elective
9.	PHT418	Magnetic Memory Devices	3(2-1-0)	Elective
10.	PHT419	Physics of Nanomaterials	3(2-1-0)	Elective
11.	PHT420	Physics of Particle Detectors and Technology	3(2-1-0)	Elective
12.	PHT421	Solar Energy and Physics of Photovoltaics	3(2-1-0)	Elective

The syllabus circulated among faculty members on 4th July 2018. No response has been received, syllabus is placed at **Annexure-J (Pg. 103-118)**.

SUGB in its 29th meeting held on 30th October 2018 under item No. 29-2.2, SUGB recommended the proposed courses to the Senate for approval.

Matter is submitted before the Senate for approval.

Item No. 38-3. 16 : To consider an open elective course for UG students proposed by Sports Officer.

To follow the aims of Government of India to introduce Physical Education/Sports Education in all educational institutes for escaping hypo kinetic diseases and better livelihood, the Sports Officer proposed to start an open elective course for UG students on “Health & Personal Fitness” Course Code: PET401, Credit-03 (2-1-0) from the new semester/session for the UG courses. Details of course structure are placed at **Annexure-K (Pg.119-121)**. Due to shortage of time, the course proposal could not be circulated for feedback.

SUGB in its 29th meeting held on 30th October 2018 under item No. 29-2.9, the SUGB accepted the proposal and recommended to the Senate for approval.

Matter is submitted before the Senate for consideration.

Item No. 38-3. 17 : To consider the proposal to adopt MET432 (Science, Technology and Society- An Integral Perspective) also as a Program Elective for the students of B. Tech. Mechanical Engineering.

The MET432 is approved course under the category of open elective from Mechanical Engineering Dept. SUGB in its 29th meeting held on 30th October 2018 under item No. 29-2.13, the SUGB approved the course as program elective for Mechanical Engineering as proposed by the DUGC is placed at **Annexure-L (Pg.122)**. It is recommended to the Senate for approval.

Matter is submitted before the Senate for approval.

Item No. 38-4-0 : Items for Ratification and reporting.

Item No. 38-4.1 Minutes of 29th meeting of SUGB held on October 30, 2018.

The 29th meeting of Senate Undergraduate Board was held on October 30, 2018.

The minutes of the SUGB approved by Chairman, Senate are placed at **Annexure-M (Pg.123-133)** for ratification.

Item No. 38-4.2 : Minutes of 39th meeting of SPGB held on January 25, 2018.

The 39th meeting of Senate Postgraduate Board was held on January 25, 2018.

The minutes of the SPGB approved by Chairman, Senate are placed at **Annexure-N (Pg. 134-145)** for ratification.

Item No. 38-4.3 : Minutes of 40th meeting of SPGB held on June 26, 2018.

The 40th meeting of Senate Postgraduate Board was held on June 26, 2018.

The minutes of the SPGB approved by Chairman, Senate are placed at **Annexure-O (Pg. 146-156)** for ratification.

Item No. 38-4.4 : Minutes of 41st meeting of SPGB held on August 7, 2018.

The 41st meeting of Senate Postgraduate Board was held on August 7, 2018.

The minutes of the SPGB approved by Chairman, Senate are placed at **Annexure-P (Pg. 157-162)** for ratification.

Item No. 38-4.5 : To report modified seat matrix regarding reservation in higher education institutions special provision for person with benchmark disabilities in light of Rights of persons with disabilities Act, 2016 for admission in this Institute for UG and PG programmes.

In view of the above a committee was constituted vide office order No. F. 4 (P) 37 Senate/MNIT/Acad/2017/3610 dated 01-01-2018 by the competent authority for implementation of the directive regarding reservation for persons with benchmark disability in light of Rights of persons with disabilities Act, 2016.

On the basis of the recommendation of the Committee, seat matrix sent to the CSAB-2018, CCMT-2018, CCMN and Management Studies, admissions were given for the academic year 2018-19.

Recommendation of the committee is placed at **Annexure-Q (Pg. 163-166)**.

Matter is placed before the Senate for reporting and ratification.

Item No. 38-4.6 : To report formulation of supernumerary female seats for UG programme for the session 2018-19.

As per MHRD Letter No. 24-9/2017-TS.I dated 07th May 2018 (**placed at Annexure-R (Pg. 167-169)**) regarding formulation of supernumerary female seats accordingly JBA Chairman was authorized to approve changes in the seat allocation algorithm for JoSAA towards improving the gender balance in IITs and NITs by creation of supernumerary seats for girls with the following feature.

- i. Seat allocation to be done in two verticals; Female and Gender-neutral (i.e. independent of Sex of the candidate) with all reservations being applicable as per rules in both the verticals.
- ii. Non-females will compete for seats in Gender-neutral vertical only Females will first compete for seats in Female vertical, and if it is full, then in Gender-neutral vertical thereby ensuring that girls are not denied any opportunity due to them, on merit.
- iii. This is to ensure at least 14% seats for females in 2018 without reduction in the number of seats to be made available for non-females in 2018 as compared to number of non-females admitted in 2017.

Accordingly Institute has prepared the seat matrix for formulation of supernumerary female seats and submitted to JoSAA. Seat matrix of the academic year 2018-19 is **placed at Annexure-S (Pg. 170-171)**.

Matter is placed before the Senate for reporting.

Item No. 38-4.7 : To report the seat matrix under Study in India programme through EdCIL, New Delhi.

A D.O. letter No. 35-1/2018-TS-1 dated 21st March, 2018 was received from Dr. Sukhbir Singh Sandhu, IAS, Additional Secretary (TE), Government of India, MHRD, New Delhi regarding Study in India programme through Ed.CIL, New Delhi copy placed at **Annexure-T (Pg. 172)**. To have a rapid increase in the number of inbound overseas students into India in the next five years, a “Study in India” program has been approved by SFC, MHRD on 15-03-2018. EdCIL (India) Limited has been nominated by the Ministry of HRD to be the implementation partner for its execution. The programme aims to increase the inflow of inbound international students through systematic brand-building, marketing, social media and digital marketing campaigns. Accordingly as per the guidelines, the Institute prepared a seat matrix containing number of seats in each discipline, alongwith fee structure. The seat matrix is approved by the Chairman, Senate. The seat matrix is enclosed as **Annexure-U (Pg. 173)**.

Matter is placed before the Senate for report/ratification.

Item No. 38-4.8 : To note the Academic Calendar for odd and even semester for academic year 2018-19.

The academic calendar for odd and even semester 2018-19 approved by Chairman, Senate is placed at **Annexure- V (Pg. 174-175)**.

Matter is placed before the Senate for reporting/ratification.

Item No. 38-4.9 : To report the special supplementary examination.

Special supplementary examination was conducted for some first year students whose total earned credit were close to 30 but less than 30. Some of these students were likely to be terminated. These students had some unavoidable emergency and therefore requested for special supplementary examination. These students were allowed to appear in special supplementary examination conducted from 30-07-2018 to 03-08-2018.

Details of students and time table are placed at **Annexure-W (Pg. 176-177)**.

Matter is placed before the Senate for reporting and ratification.

Item No. 38-4.10 : To ratify the proposal of DPGC of Department of Electrical Engineering for new M. Tech. program “Power Systems Management” from the upcoming academic year.

The SPGB referred back this matter in 39th SPGB meeting under item No. 39-2.5 to department for consultation with Management Department in 38th meeting. The Electrical Engineering Department submitted the proposal after adding two management courses to program and to compliance to all the observations of SPGB. The scheme was circulated for feedback and no comments received.

The matter was placed the 39th meeting of SPGB held on 25th January 2018 under item No. 39-2.5. SPGB recommends the proposal to be put up for consideration of the Senate placed at **Annexure-X (Pg. 178-201)**.

Proposal was approved by the Board of Governors in its 40th meeting held on 12-05-2018 under item No. 40-3.9 the proposal for new M. Tech. course in Power System Management and opined that Chairman, Senate may decide to include some courses on management as core course if deemed fit. After that the admission given to the students from the session 2018-19 through CCMT-2018.

Matter is placed before the Senate for ratification.

Item No. 38-4.11 : To ratify the recommendation of the committee constituted for reducing minimum CGPA for promotion to the next semester in M. Tech. degree.

A committee was constituted by the competent authority to look into the matter regarding reducing minimum CGPA for promotion to the next semester in M. Tech. degree.

Committee members were of the opinion that a reduction of 0.5 percent in the CGPA is feasible as in many IITs and other NITs a CGPA of 5 is required for promotion to the next semester recommendation of the committee is placed at **Annexure-Y (Pg. 202)**.

The committee recommended that CPGA of 5 be made the criteria for promotion to the next semester in M. Tech. SPGB may consider similar norms for M.Plan. and MBA. This recommendation applied from Odd Semester 2017 onwards and also recommends to issue a warning on ERP to case between 5.00 – 5.99 CPGA.

The recommendation of the committee was placed the 39th meeting of SPGB held on 25th January 2018 under item No. 39-2.7. SPGB accepted the recommendation of the committee while extending the same rule for MBA & M. Plan. and suggested to incorporate necessary changes in PG regulation after consideration of the Senate.

Recommendation of the Committee and SPGB approved by the Chairman

Senate and implemented Odd Semester 2017 onwards.

Matter is placed before the Senate to report and ratification.

Item No. 38-4.12 : To report transfer of Ph.D. scholar Ms. Aswathi Pillai from NITK Surathkal to MNIT Jaipur.

Ms. Aswathi Pillai was granted permission to transfer her Ph.D. programme from NITK Surathkal to MNIT Jaipur in the 37th Senate meeting held on 1st December 2017 under Item No. 37-3.16. Ms. Pillai has submitted all the required documents/certificates related to Ph.D. programme and she has been registered at MNIT Jaipur with Institute ID No. 2017REE9507.

Matter is placed before the Senate for reporting.

Item No. 38-4.13 : To ratify the students for restoring the registration and enrolment in respective B. Tech. programmes.

In accordance with the approval granted by the Senate in its 37th meeting (Item No. 37-3.8) held on 1st December 2017, the following students who have not reported and registered in the Institute for more than 2 semesters, have been removed/terminated from their respective enrolled programme w.e.f. Odd Semester 2016-17. Following students submitted appeals against their termination before the Chairman Senate. Looking to the academic status of the students, medical history and possibility of the course completion, Chairman Senate granted approval on the appeal of the following students for restoring the registration and enrolment in respective B. Tech. programmes and accordingly these ratification have been restored.

1. Amit Choudhary (2011UCH1005)
2. Rohit Kumar Goyal (2011UCH1611)

Matter is placed before the Senate for ratification.

Item No. 38-4.14 : To report total number of students admitted in undergraduate, postgraduate and doctoral programmes during the academic session 2018-19.

The details of the students who have taken admission in UG/PG and Ph.D. programmes in MNIT are as under :-

S. No.	Programme	Number of students Admitted				
1.	Undergraduate	CSAB	DASA-CIWG	DASA-NONSAARC	MEA-Welfare	
		735	13	11	2	
2.	Postgraduate	CCMT	SP	PT	MBA	CCMN
		372	15	8	49	80
3.	Ph.D.	Ph.D.	TEQIP			
		119	53			

Item No. 38-4.15 : To ratify the nomination of two faculty members on the Board of Governors of MNIT Jaipur by the Senate.

Section 11 of the National Institutes of Technology, Science Education and Research (NITSER) Act, 2007 provides for the composition of the Board of Governors of every Institute (National Institute of Technology). As per provisions under Section 11 (f) of the NITSER Act, 2007, Institute Senate will nominate two faculty members as Members of the Board.

The term of Senate Nominee to the BOG was completed on 17-07-2018 and the process of nomination for One Professor and One Assistant Professor to the BOG member as Senate nominee was initiated as per the guidelines approved in 34th meeting of Senate. During the process, the faculty members of the Institute raised some objections on the eligibility of candidates and on the process of election. Well defined rules and regulations pertaining to Senate nomination through election do not exist.

In the absence of such rules & regulations the Chairman, Senate decided to nominate the senior most professor and Assistant Professor (by service in the grade) of the Institute as BoG Member and following faculty members were nominated and sent to all Senators. After receiving no objection from the senators, the same was forwarded to Chairperson BoG for approval.

1. Prof. A. B. Gupta, Professor, Department of Civil Engineering
2. Dr. Sanjay Bhattar, Assistant Professor, Department of Mathematics.

The Board ratified the nomination of above two faculty members, relevant document of Board meeting are placed at **Annexure-Z (Pg. 203)**.

The Board directed that the nomination for next cycle may be placed before the Senate.

Matter is placed before the Senate for ratification.

Item No. 38-4.16 : To ratify the Ph.D. admission from TEQIP Sponsored Faculty through NPIU/TEQIP.

Over a period of time various initiatives have been launched by MHRD through NPIU/TEQIP, and are to be considered for adoption by the Institute. A note on TEQIP/NPIU sponsored Ph.D. program for considering the guidelines of MHRD was received from Coordinator TEQIP for admitting TEQIP Sponsored Ph.D. students in the Institute. The admission process under TEQIP was deliberated in SPGB in its 40th meeting held on 26th June 2018 under Item No. 40-2.4 and the SPGB approved the proposal. The minutes of SPGB was approved by the Chairman Senate. Accordingly 53 students have been provisionally admitted in Ph.D. programme under TEQIP-III on the approval of Chairman Senate during the academic session 2018-19.

The guidelines of NPIU/TEQIP are as under:

1. The course work requirement be fulfilled by considering identified MOOCs/Swayam courses/Courses at MNIT Jaipur. The evaluation will be done at MNIT Jaipur according to its academic

calendar/norms. *Supervisor and DREC will identify courses on online platforms, aligning with course running at MNIT Jaipur in that semester, and will be examined and evaluated with regular students opting that course at MNIT Jaipur.*

2. Residency requirement may be waived off, as per NPIU/MHRD directive. *Contact program would be organized with DREC. This contact program would be for eighty days over an academic year, which could be pursued during holidays/vacation periods. These could be with recorded visits of 80 days to the NIT concerned in a year, using which the candidate can fulfill his supervisor interaction and all other official requirements. After every semester, DREC will give a report on contact session to O/O Dean AA, to be kept with candidate's record.*
3. The faculty applying for Ph.D. admission be treated as project staff, and sponsored form TEQIP III.
4. The admission may be treated as supernumerary to the existing slots, with a limit of two candidates per faculty.
5. External joint supervision with faculty of host institution may be approved, wherever available. *If supervisor finds such an opportunity, he may have a joint supervisor. The financial liability of such supervisor would be borne by NPIU, for which they have provision.*

SPGB/Chairman Senate has approved the proposal in-principal, considering the contingency of Ph.D. admission that time and that Senate was not running during the time. Detailed comments from SPGB and O/O Dean (AA) are marked in italics, against each point.

The Item is placed for reporting and ratification.

Item No. 38-4.17 : To ratify the change of number of examiners for evaluation of Ph.D. thesis.

SPGB in its 41st meeting held on 7th August 2018 under item No. 41-2.1, discussed the matter of evaluation of Ph.D. thesis & resolved that instead of 03 examiners thesis should be sent to 02 examiners (01 Indian & 01 Abroad). In case of the rejection (Category III, option e) by both examiners, thesis will be rejected:-

- In case of the rejection by one examiner thesis (Category III, option e) will be sent to third examiner of the same category (Indian/Abroad).
- SPGB further recommended that 15 day time will be given to the potential examiner for giving consent on thesis evaluation after sending synopsis.
- Examiner shall be asked to submit the evaluation report within 02 months after receiving the thesis. Dean, Academics may permit additional 2 weeks' time on case to case basis.

In case of non-compliance of above time-lines, next in panel will be given chance.

In spirit of the UGC Gazette of India notification dated 01.06.2009, regarding evaluation and assessment methods point 17, "thesis produced by the Ph.D. student in the Institute /Department shall be

evaluated by at least by two experts, out of which at least one shall be outside the state (Indian) and one examiner from outside the Country (abroad)”.

Agenda has been approved by circulation among Senators **placed at Annexure-AA (Pg. 204-213)**.

The matter placed before the Senate for ratification.

Item No. 38-4.18 : To report the learning assessment feedback from NPIU/TEQIP.

Student learning assessment feedback: MHRD, through Stanford University and NPIU, has conducted a Survey of students, faculty and HoDs, to assess the academic and higher order thinking skills of students across India. The results of this survey specific to students of ECE and CSE, however correlated conclusions can be drawn for students of other branches as well. These are based on considering an average mean national score of 50.

1. Mathematical Skills are dropping from 72.66 to 67.46, from first year to third year.
2. Physics skills are improving from 70.20 to 74.01, from first year to third year.
3. Critical Thinking skills are dropping marginally from 64.69 to 63, from first year to third year.
4. Quantitative Literacy is dropping marginally from 65.56 to 65.03, from first year to third year.
5. Relational Reasoning skills is increasing marginally from 64.14 to 65.54, from first year to third year.

Topic wise performance variation for ECE and CSE students, from 1 year to III year is placed at **Annexure-AB (Pg. 214-223)**.

The complete report is submitted for wider discussion at Senate and follows up, as per MHRD instructions.

Matter is placed before the Senate to report for discussion.

Item No. 38-5.0 : Any other items with permission of chair.

Table Agenda 38th Senate meeting

Table Agenda 38-5.1: To consider the proposal of Ministry of HRD to offer online degree programmes by NITs for improving overall education system.

Ministry of HRD Secretary Shri R. Subrahmanyam has intimated that it is plan to improve the access to higher education to students/learners and thereby improve the Gross Enrolment Ratio (GER) in higher education. Online education programmes in this regard have to play a very major role which provides an opportunity for the working professionals to improve their qualification and improve the overall education system. In the past years IIT System has offered several online courses to students.

Shri R. Subrahmanyam now desires that each NIT may also deliberate on the possibility of offering online degree programmes either using courses which are already running in the NPTEL/SWAYAM portal or by developing course material specially for the programme. For support/guidance to implement online education programmes, UGC Regulations, 2018 is also sent by him (copy of the letter of Shri R. Subrahmanyam and UGC Regulations, 2018 are placed at page 224-235). Shri R. Subrahmanyam further stated that after discussion the matter in respective Senate of NITs, reply may be sent to the Ministry before 30th November, 2018.

Matter is placed before the Senate for its consideration.