

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR-302017

AGENDA FOR THE THIRTY-SIXTH SENATE MEETING

Meeting Number	:	THIRTY-SIXTH
Venue	:	CONFERENCE HALL, DIRECTOR SECRETARIATE, PRABHA BHAWAN
Date	:	24 TH MARCH 2017 (FRIDAY)
Time	:	4.00 PM

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

AGENDA FOR THE THIRTY-SIXTH MEETING OF THE SENATE TO BE HELD ON 24TH MARCH 2017 (FRIDAY) AT 4.00 PM IN CONFERENCE HALL, DIRECTOR SECRETARIATE, PRABHA BHAWAN.

Page Item No. Agenda From - To To confirm the minutes of the 35th meeting of the Senate held on 06th 36-1-0 1 October 2016. To note the "Action Taken" on the decisions taken in the 35th meeting of the 36-2-0 1 Senate. 36-3-0 Items for consideration. 36-3.1 To consider the matter regarding payment of fellowship to research scholars in non-science subjects at the UGC rates subject 1-2 to fulfilling the UGC-NET qualifications by them. To consider the letter received from MHRD regarding review of 36-3.2 vacant seats for UG programme for the last three years admitted 2 through JOSAA/DASA/ICCR/MEA (Welfare/Education). 36-3.3 To consider the matter regarding change in the name of M.Sc. degree in the departments of Physics, Chemistry and 2-3 Mathematics. 36-3.4 To consider the matter regarding revision in Maternity Leave 3-4 Rules for the Ph.D. students registered in this Institute. To consider the list of students of M. Tech./M.Plan./MBA for 36-3.5 termination from Institute rolls due to poor performance/non 4 registration etc. upto Even Semester 2016-17. To consider the list of students of Ph.D. for termination from 36-3.6 Institute rolls due to poor performance/non registration etc. upto 5 Even Semester 2016-17. To consider the issue regarding open electives for Ph.D. in 36-3.7 5 Humanities & Social Sciences. 36-3.8 To consider the proposal of National Technical Research Organization (NTRO), New Delhi for one or two seats in 5-6 M. Tech. and Ph.D. courses (part time/full time) for NTRO officers as sponsored candidates. To consider the eligibility criteria for admission in M. Tech. 36-3.9 6 programme in the Department of Chemical Engineering. To consider the matter regarding new courses to be introduced by 36-3.10 Management Department and Mechanical Engineering 6-7 Department. **Items for Ratification.** 36-4.0 To report the minutes of 27th SUGB meeting held on November 36-4.1 7 16, 2016. To report the minutes of 33rd meeting of SPGB held on 36-4.2 7 November 18, 2016. To report the minutes of 34th meeting of SPGB held on January 36-4.3 7 03. 2017. To report the minutes of 35th meeting of SPGB held on January 36-4.4 7 09.2017.

CONTENTS

	36-4.5	To report the minutes of 36 th meeting of SPGB held on February 28, 2017.	7
	36-4.6 To report the minutes of 18 th Academic Affairs Committe meeting held on December 06, 2016.		7
	36-4.7	To report the minutes of 19 th Academic Affairs Committee meeting held on March 16, 2017.	7
	36-4.8	To receive note of the list of students admitted in doctoral programmes during the session 2016-17 (January 2017) Even Semester.	8
	36-4.9	To report the case of students who used unfair means during End Term examination of Odd Semester 2016-17.	8
	36-4.10	To report the participation of MNIT in National Academic Depository as mandated by MHRD.	8
36-5.0	Any other item with the permission of chair.		

Item No. 36.1.0 : To confirm the minutes of the 35th meeting of the Senate held on October 06th, 2016.

The minutes of the 35th 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. 9-23).

Item No. 36.2.0 : To note the "Action Taken" on the decisions taken in the 35th meeting of the Senate.

The "Action Taken Report" on the 35th meeting of the Senate is placed at **Annexure-B** (**Pg. 24-38**) for consideration of the Senate.

Item No. 36-3-0 : Items for consideration.

Item No. 36-3.1 : To consider the matter regarding payment of fellowship to research scholars in non-science subjects at the UGC rates subject to fulfilling the UGC-NET qualifications by them.

Currently the financial assistantship to Ph.D students in the institute is offered under the following three categories:

- 1. Research assistantships from the sponsored research projects.
- 2. Additional assistantship in the form of scholarships, fellowships etc. may be available through organizations such as Council of Scientific and Industrial Research (CSIR), University Grant Commission (UGC)/Department of Atomic Energy (DAE)/DST/MHRD/Corporate Houses etc.

In reference to this the Notification for UGC-NET Jan.-2017 (For Eligibility for Assistant Professor only or Junior Research Fellowship & Eligibility for Assistant Professor Both) under important instruction states that "Candidates qualifying for the award of Junior Research fellowship will be eligible to receive fellowship of UGC under various schemes, subject to their finding placement in universities/IITs/ institutions. It also states that the candidates qualifying exclusively for Assistant Professor will not be considered for award of JRF.

3. Institute assistantship as per the approved rates notified by MHRD from time to time.

Institute assistantship in Basic Sciences and Professional courses is being provided as per the MHRD letter (F. No. 17-2/2014-TS.I Dated March 02, 2015) and DST's office memorandum No.SR/S9/Z-09/2012 dated 21-10-2014, which reads as follows:

S No.	Designation & Qualification	Revised
		Emoluments
1)	Junior Research Fellow (JRF)	Rs.25,000/-
	Post Graduate Degree in Basic Science with NET/GATE Qualification or	
	Graduate Degree in Professional Course with NET/GATE	
	Qualification or Post Graduate Degree in Professional Course	
	Senior Research Fellow (SRF)	
2)	Qualification prescribed for JRF with two years of research experience	Rs.28,000/-

MHRD vide its letter No. F. No. 33-4/2016-TS-III, Dated-1st December, 2016 (**placed at Annexure-C, Pg. 39**) on the subject "Payment of Fellowship to research scholars in the non-science subjects" conveyed the approval for payment of fellowship to research scholars in non-science subjects in the NITs and IIEST, Shibpur at the UGC rates subject to fulfilling the UGC-NET qualifications by them".

The matter regarding eligibility for grant of Institute Fellowship/scholarship to the Ph.D students registered in the Department of Management Studies and Department of Humanities and Social Sciences was discussed respectively in 35th SPGB held on 09th January, 2017 vide Item No.35-2.7 and 36th SPGB held on 28th February, 2017 vide Item No. 36-2.3.

The SPGB referred the matter to the Senate for consideration and direction.

In the light of above facts the matter regarding the payment of fellowship to research scholars in non-science subjects in the Institute at the UGC rates subject to fulfilling the UGC-NET qualifications by them is placed before the Senate for its direction.

Item No. 36-3.2 : To consider the letter received from MHRD regarding review of vacant seats for UG programme for the last three years admitted through JOSAA.

As per letter No. 35-1/2014-TS.III, Government of India, Ministry of Human Resource Development, Dept. of Higher Education, Shastri Bhawan, New Delhi, dated 17th February 2017 (**placed at Annexure-D, Pg. 40-41**) to minimizes the vacancies in Centrally Funded Technical Institutions (CFTIs) participating in the Joint Councelling Process.

It has been decided that the CFTIs, which are participating in Joint Counselling may be asked to review the vacant seats for the last three years. After proper review of seat vacancies, employment opportunities, national requirements, available infrastructure/ faculty and scope for future, they may revise the number of seats in each discipline in the Institute. Some disciplines may be considered for closure or for keeping in abeyance for a few years, if needed. New Courses/Areas/Disciplines may only be introduced after carrying out Market Opportunity Analysis based on Employability, requirement of Higher Education/Research/Entrepreneurship. Additionally, participating Institutes may reduce total number of seats as per availability of hostel facility, lab infrastructure, classrooms, faculty etc.

Seat matrix, admission data and vacancy in UG programme admitted through JOSAA for last three year (placed at Annexure-E, Pg. 42).

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

Item No. 36-3.3 : To consider the matter regarding change in the name of M.Sc. degree in the departments of Physics, Chemistry and Mathematics.

The matter regarding change of the name of the PG courses of M. Sc. Applied Chemistry from Chemistry was discussed in the 35th SPGB meeting held on 09th January 2017 vide Item No. 35-2.3 and the SPGB directed the Convener DPGC of the three Science departments to come up with a proposal for name change along with supporting documents from various IIT and NITs. In pursuance of the direction of SPGB, DFBs of all three Sciences department have sent the recommendations. The recommendation received from the department of Mathematics with respect to change of the course. In Physics this issue was taken up in the curriculum development

meeting held on 07/01/2017 and after extensive discussion it was recommended that the name of M.Sc. degree programme be changed. In Chemistry the issue regarding change of name was also discussed in DPGC of Chemistry Department and they do recommend change of M.Sc. degree program, all the three departments have attached documentary proof in support of the statements (**placed at Annexure-F, Pg. 43-102**).

If approved, these amendments may come into force for students of M.Sc. degree program admitted in the session 2016-17 and onwards for all three M. Sc. programmes.

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

Item No. 36-3.4 : To consider the matter regarding revision in Maternity Leave Rules for the Ph.D. students registered in this Institute.

The matter regarding the revision in the duration of maternity leave admissible to the Ph.D. students registered in the institute, from existing 3 months to 240 days was discussed in the 33rd meeting of SPGB held on 18-11-2016 vide Item No. 33.3.2 with reference to the request of Ms. Pooja Jain (2015RCE9064). After discussion the SPGB directed the Academic Section to present a detailed note on the recommendation of various bodies like UGC/AICTE regarding this matter.

Presently the institute is allowing Maternity Leave as per P.G rules and regulations under 5.3 that states that "A female student may be granted maternity leave for a maximum of 3 months. Semester withdrawal shall be permitted as per the attendance requirement Leave upto 6 weeks can also be granted for miscarriage including medical termination of pregnancy, if supported by a proper medical certificate. Such leave can be combined with any other leave due and will not entail any loss of financial assistantship. However academic requirements as laid down in the other clauses of this manual shall be applicable. Maternity leave shall be granted only once in a programme."

As per The Gazette of India Extraordinary (Part III-Section 4 No. 278 New Delhi Tuesday July 5, 2016/ASADHA 14, 1938) Ministry of Human Resource Development (University Grants Commission) Notification under 4.4 "the women candidates may be provided Maternity Leave/Child Care Leave once in the entire duration of M.Phil/Ph.D. for up to 240 days."

A letter (**placed at Annexure-G, Pg. 103-105**) No. F.No.17-2/2014-TS.I dated 18-02-2015 of Government of India, MHRD, Dept. of Higher Education, Technical Section-I under 3.3 states the following "Leave and other entitlement benefits: Maternity Leave as per Government of India instructions issued from time to time would be available to female candidates in all categories.

The maternity Leave rules for Ph.D. students in some of the Technical Institutions in India as per the information available on their website are as follows:

S.No.	Name of Institution	Maternity Leave Rule for Ph.D. Students		
1.	IIT Bombay	Women Scholars are entitled for maternity leave at the full rate for a period of not exceeding 180 days, once during the tenure of their studentship. This should be supported by a medical certificate		
2.	IIT Kanpur	A female student may be granted maternity leave for a maximum of 3 months. Leave up to 6 weeks can also be granted for miscarriage including medical termination of pregnancy, if supported by a proper medical certificate. Such leave		

		can be combined with any other leave due and will not entail any loss of financial		
		assistantship.		
3.	IIT Chennai	Maximum duration for women Ph.D. Scholars who avail maternity leave, is 5 years + 2 years + number of days of maternity leave (not exceeding 180 days) (271st senate dated 24-02-2016 (Reso:10/2016 BR-4)		
4.	IIT Jodhpur	Female students are entitled for maternity leave, duly supported by a medical certificate, for a maximum of 3 months, once during the tenure of their assistantship or fellowship.		
5.	NIT Calicut	Maternity leave for female students may be granted for a period of 180 days based on the Certification from a registered medical practitioner and on the recommendation of DC.		
6.	NIT Delhi	The Research Scholar may be eligible for Maternity/Paternity Leave with Assistantship as per Govt. of India notification released from time to time.		
7.	The Full-time research scholars shall be eligible for leave as per the n NIT Government of India subject to approval of the supervisor and the Hea			
8	NIT Kurukshetra	The women research scholar will be eligible for Maternity Leave as per MHR rules . However, the minimum registration period will be extended by the leav period		
9.	NIT Silchar	A student is eligible for 180 days of maternity leave or 15 days of paternity leave, as the case may be, once during the entire period of her/his Ph.D. program. Dean (R & C) on recommendation of the supervisor and Chairman, DPMC may sanction maternity/paternity leave. A certificate in this regard is to be submitted from Senior Medical Officer (SMO)/Medical Officer (MO) of the Institute or from a registered medical officer endorsed by the Institute SMO/MO.		
10.	NIT Raipur	The women research scholars will be eligible for Maternity Leave with Assistantship for a period not exceeding 135 days only once during the tenure of the award of degree.		
11.	NIT Warangal	Married Research scholars admitted to the research program of the institute shall, in addition to casual leave and medical leave prescribed by foregoing sub-para, be entitled to maternity/paternity leave as per rules of the Government of India , if the request for the leave is supported by a medical certificate from a registered medical practitioner.		

It has been noticed that there is no uniformity regarding maternity leave rules for Ph.D. students in above noted various Technical Institutions.

In light of above, it is proposed that;

Maternity leave to Ph.D. scholars may be granted at par with maternity leave for MNIT employees i.e. shall be enhanced to 180 days from existing ceiling of three months as per PG Regulation of MNIT Jaipur. Maternity leave shall be granted only once in a programme.

Matter is placed before the Senate for its directions.

Item No. 36-3.5 : To consider the list of students of M. Tech./M.Plan./MBA for termination from Institute rolls due to poor performance/non registration etc. upto Even Semester 2016-17.

As per the guidelines stipulated in the PG regulation for promotion to the next semester of the M. Tech/M.Plan./MBA programs, a student is required to obtain a minimum CPGA of 5.5 in each semester, non registered etc upto even semester 2016-17. The list of such students who have failed to attain the required CGPA, non registered etc upto even semester during even semester academic year 2016-17 and have been terminated from their respective program (placed at Annexure-H, Pg.106-109). The students have been informed through e-mail about their not registering in the institute and the consequences thereof.

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

Item No. 36-3.6 : To consider the list of students of Ph.D. for termination from Institute rolls due to poor performance/non registration etc. upto Even Semester 2016-17.

As per the guidelines stipulated in the PG regulation for promotion to the next semester of the Ph.D. programs, a student is required to obtain a minimum CPGA of 5.5 in each semester, non registered etc upto even semester 2016-17. The list of such students who have failed to attain the required CGPA, non registered etc upto even semester during even semester academic year 2016-17 and have been terminated from their respective program (placed at Annexure-I, Pg. 110-112). The students have been informed multiple times through e-mail about their not registering in the institute and the consequences thereof.

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

Item No. 36-3.7 : To consider the issue regarding open electives for Ph.D. in Humanities & Social Sciences.

The department has proposed for waiver of the limit of minimum strength of 15 students to run the PG open electives floated by HSS opted by the PhD scholars, permission to float program electives specific to PhD without the constraint of the prescribed strength and develop Blended MOOCS courses for its Ph.D. programme.

The matter was discussed in the 36th meeting of SPGB held on 28th February 2017 vide Item No. 32-2.4. The SPGB rejected the proposal and suggested that open elective courses be offered to both UG and PG students. For program electives specific to Ph.D. students, the department can explore the possibility of signing a MoU with the Central University of Rajasthan, Kishangarh and the University of Rajasthan, Jaipur.

A faculty can float an open elective with student strength less than 15 but the workload carried by the faculty in teaching of the elective would not be counted in the workload of the faculty it would be over and above the regular workload of the faculty.

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

Item No. 36-3.8 : To consider the proposal of National Technical Research Organization (NTRO), New Delhi for one or two seats in M. Tech. and Ph.D. courses (part time/full time) for NTRO officers as sponsored candidates.

As per letter No. XIV/04/DO/2016-679, Government of India, National Technical Research Organization, Block-III, Old JNU Campus, New Delhi-110067, dated 20th October 2016 (**placed at Annexure-J, Pg. 113**) for consideration of NTRO Officials as Sponsored Candidates for higher education.

NTRO is an apex technical intelligence (Tech-Int) Agency under Prime Minister's Office working in the domain of National Security. Pursuant to NTRO's mandate, we have indentified certain courses of their interest: viz. Computer Science & Engg., Aerospace Engg., Missile Technology, UAVs, Radar and Communication & Networks, Microelectronic Systems, Nuclear Engg., Signal processing, System Science and Automation, Electronic Systems Engg., Computational Science and Instrumentation etc. Facilitating higher education opportunities to their officers will be immensely helpful in strengthening the security of the nation.

NTRO requested that one or two seats in M. Tech. and Ph.D. courses (part time/full time) may be considered for NTRO officers as sponsored candidates.

Matter was placed in 36th SPGB held on 28th February, 2017 vide Item No. 36-2.17 and the SPGB recommends that the seat would be supernumery across all disciplines. An MoU with NTRO be signed to facilitate the same.

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

Item No. 36-3.9 : To consider the eligibility criteria for admission in M. Tech. programme in the Department of Chemical Engineering.

The matter was discussed in the 36th meeting of SPGB held on 28th February 2017 vide Item No. 32-2.13.

DPGC of Chemical Engineering Department recommended to divide seats of PG program 'M.Tech. in Chemical Engineering' in two groups (seat allocation 50-50% for each group) with qualification (**placed at Annexure-K, Pg. 114-118**) as following:

Group	Qualifying Degree Name	Qualifying Degree Code	Gate Paper Codes (As per GATE-2017)	OC	OB C	S C	S T
G-1	Any of the above disciplines in B.E./B.Tech. Degree	(T999)	СН	5	3	1	1
G-2	Any of the above disciplines in B.E./B.Tech. degree	(T999)	BT CH PE TF	5	2	2	1

#As per institute policy 3% of the total seats are reserved for PH category in the programme over and above the sanction strength.

Group 1	students having qualification in any branch of Engineering but with valid	
	GATE score in Chemical Engineering	
Group 2	Students having qualification in any branch of Engineering but with valid	
	GATE score in Biotechnology/Chemical Engineering/Petroleum	
	Engineering/Textile Engineering and Fiber Science.	

Presently Department of Chemical Engineering has offered 21 seats in PG program Chemical Engineering.

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

Item No. 36-3.10 : To consider the matter regarding new courses to be introduced by Management Department and Mechanical Engineering Department.

DFB of the following Department, have proposed the following courses as Open Electives:

S. No.	Course	Credit	Type of	Course Name	Department
	Code	L-T-P	Course		
1	BMT-535	3 (3-0-0)	Open Elective	Investment Banking	Management Studies
2.	MET-432	3 (2-1-0)	Open Elective	Science, Technology and Society- An Integral Perspective	Mechanical Engineering

The matter was placed before 27th meeting of SUGB held on November 16, 2016 vide Item No. 27-2.3 sub points (ii) & (iii). The course proposed by the Department of

Management Studies (DMS) and Department of Mechanical Engineering are accepted by SUGB to circulate all faculties for their comments. The SUGB Chairman is authorized to give a recommendation to the Senate based on the comments. The detailed syllabi and courses objectives of the above course are circulated among the faculty members for suggestions and comments (**placed at Annexure-L**, (**Pg. 119-124**).

Chairman SUGB recommended for approval of the Senate.

Matter is placed before the Senate for approval.

Item No. 36-4-0 : Items for Ratification.

Item No. 36-4.1 : To report the minutes of 27th SUGB meeting held on November 16, 2016.

The 27th meeting of Senate Undergraduate Board was held on November 16, 2016.

The minutes of the SUGB are placed at Annexure – M (Pg. 125-138) for ratification.

Item No. 36-4.2 : To report the minutes of 33rd meeting of SPGB held on November 18, 2016.

The 33rd meeting of Senate Postgraduate Board was held on November 18, 2016.

The minutes of the SPGB are placed at Annexure – N (Pg. 139-141) for ratification.

Item No. 36-4.3 : To report the minutes of 34th meeting of SPGB held on January 03, 2017.

The 34th meeting of Senate Postgraduate Board was held on January 03, 2017.

The minutes of the SPGB are placed at Annexure – O (Pg. 142-143) for ratification.

Item No. 36-4.4 : To report the minutes of 35th meeting of SPGB held on January 09, 2017.

The 35th meeting of Senate Postgraduate Board was held on January 09, 2017.

The minutes of the SPGB are placed at Annexure – P (Pg. 144-149) for ratification.

Item No. 36-4.5 : To report the minutes of 36th meeting of SPGB held on February 28, 2017.

The 36th meeting of Senate Postgraduate Board was held on February 28, 2017.

The minutes of the SPGB are placed at Annexure – Q (Pg. 150-155) for ratification.

Item No. 36-4.6 : To report the minutes of 18th Academic Affairs Committee meeting held on December 06, 2016.

The 18th meeting of Academic Affairs Committee meeting held on December 06, 2016.

The minutes of the AAC are placed at Annexure – R (Pg. 156) for ratification.

Item No. 36-4.7 : To report the minutes of 19th Academic Affairs Committee meeting held on March 16, 2017.

The 19th meeting of Academic Affairs Committee meeting held on March 16, 2017.

The minutes of the AAC are placed at Annexure – S (Pg. 157-158) for ratification.

Item No. 36-4.8 : To receive note of the list of students admitted in doctoral programmes during the session 2016-17 (January 2017) Even Semester.

The details of the students who have taken admission in Ph.D. programmes in MNIT is as under :-

S. No.	Programme	Number of students Admitted
1.	Ph.D.	47

The detailed list of the students is placed at Annexure-T (Pg.159).

The Senate may kindly note the details.

Item No. 36-4.9 : To report the case of students who used unfair means during End Term examination of Odd Semester 2016-17.

Unfair means cases were caught by the Invigilators during the End Term Examination of Odd Semester 2016-17. The case was put up before Unfair Means Committee. Committee found the student guilty of use of unfair means. The decision were taken by Committee (**placed at Annexure-U, Pg. 160**) and approved by Chairman, Senate accordingly Office Order vide No. 1895 dated 27-01-2017 has been issued (**placed at Annexure-V, Pg. 161**).

Matter is placed before the Senate for information.

Item No. 36-4.10 : To report the participation of MNIT in National Academic Depository as mandated by MHRD.

The Finance Minister's Budget Speech of 2016-17, in February this year, incorporated this commitment to establish a Digital Depository for school learning certificates, degrees and other academic awards of Higher Education Institution, on the pattern of a Securities Depository. This will help validate their authenticity, safe storage and easy retrieval.

The NAD would be operationalised by NSDL Database Management Limited (NDML) and CDSL Ventures, Limited (CVL) two of the wholly owned subsidiaries of the Depositories registered under Securities Exchange Board of India (SEBI) Act, 1992.

Matter was placed in 36th SPGB meeting held on 28th February 2017 vide Item No. 36-2.16 and the SPGB approved the same.

Matter is placed before the Senate for consideration and approval.

Item No. 36-5.0 : Any other items with permission of chair.