



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान नागपूर – 440 011 (भारत)
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR – 440 011 (India)

DRAFT MINUTES FOR 37th MEETING OF THE SENATE HELD ON TUESDAY, NOVEMBER 25, 2014 at 10.00 AM IN THE SENATE HALL OF V.N.I.T., NAGPUR.

The following members were present;

1.	Dr. Narendra S. Chaudhari	Director, V.N.I.T., Nagpur	Chairman
2.	Dr. Ms. Kamal Singh	Ex. Vice Chancellor SGBAU, Amravati	Member
3.	Dr. Milind Atrey	Professor, Mechanical Engg, IIT, Mumbai	Member
4.	Dr. A. B. Andhare	Associate Dean, T& P	Member
5.	Dr. L. M. Gupta	Professor of Applied Mechanics	Member
6.	Dr. P. P. Chakavarthy	Head, Mathematics Deptt.	Member
7.	Dr. Animesh Chatterjee	Professor of Mechanical Engg.	Member
8.	Dr. R. B. Deshmukh	Head, Department of Electronics Engg	Member
9.	Dr.(Ms.) Rajashree Kotharkar	Head, Deptt. of Architecture	Member
10.	Dr. V. K. Deshpande	Head, Deptt. of Physics	Member
11.	Dr. Yogesh Deshpande	Head, Deptt. of Humanities & Social Sc.	Member
12.	Dr. (Ms.) Alpna Dongre	Professor of Deptt. of Architecture	Member
13.	Dr. Abhay S. Gandhi	Professor of Electronics Engineering	Member
14.	Dr. R. K. Ingle	Professor, Applied Mechanics	Member
15.	Dr. O. R. Jaiswal	Dean (Academic)	Member
16.	Dr. Y. B. Katpatal	Professor of Civil Engg.	Member
17.	Dr. N. R. Thote	Associate Professor of Mining Engg	Member
18.	Dr. M. M. Mahajan	Professor of Applied Mechanics	Member
19.	Dr. S. B. Thombre	Professor of Mechanical Engg.	Member
20.	Dr. P. S. Deshpande	Professor of Comp. Sc. Engg	Member
21.	Dr. Gyanprakash Singh	Dean (SW)	Member
22.	Dr. R. M. Patrikar	Professor of Electronics Engg.	Member
23.	Dr. S. V. Bakre	HoD of Applied Mechanics	Member
24.	Dr. Avinash Keskar	Professor of Electronics Engg.	Member
25.	Dr. S. R. Sathe	Dean (P&D)	Member
26.	Prof. I. L. Muthreja	Head, Mining Engg. Deptt.	Member
27.	Dr. P. M. Padole	Dean (FW)	Member
28.	Dr. H. M. Suryawanshi	Dean (Research & Consultancy)	Member
29.	Dr. A. R. Tembhurkar	Head, Civil Engineering Deptt.	Member
30.	Dr. K. L. Wasewar	Head, Chemical Engineering Deptt.	Member
31.	Dr. V. A. Mhaisalkar	Professor, Civil Engg Deptt.	Member
32.	Dr. V. S. Adane	Professor of Architecture	Member
33.	Dr. R. K. Paretkar	Professor of Met & Mat. Engg	Member
34.	Dr. R. R. Yerpude	Registrar	Secretary

Shri. Dharmesh M. Parate, Dy. Registrar, Academics & Smt. A. A. Ansingkar, Asst. Registrar, Exam has attended the meeting as a special invitee.

Dr. M. V. Aware, HoD Electrical, Dr. (Ms.) Meenakshi Gupta, Prof. of Hum. & Social Sc., IIT Bombay, Dr. S. G. Sapate, Professor of Met. & Materials Engg., Dr. D. H. Lataye, Associate Dean, Hostel and Dr. I. L. Muthreja, Professor of Mining Engg sought leave of absence.

Dr. G. N. Ronghe, Professor of Applied Mechanics, Dr. S. S. Umare, Professor of Chemistry, Dr. D. R. Peshwe, Prof. Met. & Material Engg, Dr. A. P. Patil, Professor of Met and Materials Engg, Dr. Rajesh Gupta, Professor, Dept. of Civil Engg., Dr. K. D. Kulat, HoD Electronics, Dr. A. M. Kuthe, Professor, Department of Mechanical Engg could not make it to attend the meeting..

At the outset chairman senate appraised all the members on various academic issues and Dean Academics asked the UG & PG Academic affairs secretary to highlight the agenda submitted by them.

The academic secretary of UG has narrated the agenda as per the Annexure-VII

I. Request for change in the Academic Calendar (2014 – 2015)

Resolution: The Senate approved the proposal that 3rd January 2015 (Saturday) will be an instruction day in place of 10th January 2015 for conduct of Institute gathering.

II. Request for cancellation of laboratory classes during the Institute Gathering.

Resolution: The Senate did not agree for cancellation of laboratory classes and approved to squeeze the academic schedule during 12th January to 17th January 2014. Senate advised that next year onwards the Institute Gathering should be of shorter duration and as far as possible should be planned during vacation.

III. To Approve the academic calendar for the year 2015-16

Resolution: The student secretary requested to shift the Aarohi date and senate approved the same. The date for Axis will be decided later. Senate approved the Academic Calendar 2015-16 with the inclusion of these modifications.

S 37.01 To note and confirm the minutes of the 36th meeting of the Senate held on 2nd September 2014.

The minutes of the 36th meeting of the Senate (**Annexure-I**) were circulated to all the members. No suggestions are received. The Senate is requested to confirm the minutes.

Resolution: The Senate confirmed the minutes.

S 37.02 To note the Action Taken Report on decisions of the 36th meeting of the Senate. Points from UG and PG Academic Secretary were given in Annexure-I.

Agenda:

These points were informed to Senate and it is resolved that these will be discussed in the HoD meeting. UG Secretary, submitted points on i) Issue of first year UG classes by teaching assistants. ii) Summer internship to be offered as 2- credit Open Course. iii) To offer flipped courses.



Resolution: These agenda received from PG Academic secretary will be discussed in the next HoD Meeting

Action taken report: The HoDs are informed for sending the feedback on the matter. The feedback is awaited.

S36.03 Students for the award of degree in the 12th Convocation scheduled on 15th Sept. 2014.

List of students eligible for the award of various degrees is given in Annexure IV. Senate is requested to approve the same.

Resolution: Senate approved the list. It is further resolved that if in the intervening duration, prior to Convocation, any student becomes eligible for the award of degree, then, Chairman Senate is authorized to approve the degree.

Action taken report: 12th Convocation was arranged on 15th September 2014 and degrees/awards are given to students.

S36.04 Proposal for starting M Tech program in Chemical Engg.

BoS of Chemical Engineering has sent a proposal to start a new academic program of M Tech in Chemical Engineering. The BoS was attended by all the external members. APPEC has given a set of suggestions, viz., to increase number of lab. courses, removal of seminar and Research practice credit course, to restrict text books to two only. The modified scheme is at Annexure V alongwith the syllabus of all the courses, Annexure VI.

Resolution: Senate approved the M Tech Program in Chemical Engineering.

Action taken report: The agenda item has been put up for BoG to approve.

S36.05 Approval to modifications done in the scheme of M Tech Transportation

For the students admitted in the year 2012 and 2013, certain modifications are already done at the Department level in the scheme of M Tech (Transportation Engineering). In the M Tech (TRE), a course has already been taught to students, which was not approved by the Senate. Post-facto approval for this course is requested along with approval for changing credits of some courses. Proposal from BoS of Civil Engg Dept. is placed at Annexure VII. APPEC has discussed this issue and had observed that the change will have to be approved for student to get the degree. Senate is requested to approve the change.

Resolution: Senate approved the change and further resolved that such thing should not happen in future.

Action taken report: Based on this scheme, degree awarding criteria has been implemented for the 2012 and 2013 batch. Also, the modified scheme is applicable for the 2014 batch.



S36.06 Proposal to consider R&D project staff for admission for Ph D

A proposal was received from Dr. Sachin Mandavgane regarding making provisions to consider R&D project staff for admissions to Ph.D. even if he/she does not have GATE score. The proposal was considered by APPEC and following are APPEC's observations:

After detailed discussion, APPEC suggested that R&D project staff must have worked for one year, he/she must possess basic degree in the appropriate branch which is admissible for Ph D admission in that dept. After one year, candidate can apply for Ph D admission, and after qualifying through a written test at the Dept. level, a committee of Dean (R&C), HoD, Expert Prof. from Dept., and Project co-ordinator will conduct a comprehensive exam. Depending on the recommendation of this committee, candidate will be allowed for the registration. At the time of registration, at least one year stipend shall be available from the ongoing R&D project. After the R&D project is completed, candidate can get Institute fellowship for max. upto four years since the date of registration.

Senate is requested to issue further guidelines on this matter.

Resolution: The Senate approved that the candidate after getting selected as R&D Project Staff without GATE score, will be given an opportunity to appear for interview as per the procedure followed by VNIT for Ph.D. registration at very first advertisement of Ph.D and as per APPEC's recommended process. If the R&D project funding is over then, the institute funding of stipend will be given subject to qualifying GATE/NET/SET Examination and subject to availability of such funding from MHRD to the Institute. Stipend from Institute will be made available till the four years are completed for Ph D registration.

Action taken report: This resolution is being informed to all the faculty members, so that the prospective candidates for R&D project staff will know about this facility.

S36.07 Request to allow Mr. Trinath Kumar to do one course along with M Tech Project Phase II– Item for information to Senate.

Mr. Trinath Kumar (12MT06IPS012) has backlog in EEL 507 Power System Dynamics II (Even Sem. Course). He could not credit this course in January 2013 and January 2014. Maximum time allowed is three years. As per rule student shall credit all other courses before registering for Project Phase II. There is no way, that student can do project phase II in three years. Hence, request for allowing Project Phase II and EEL 507 together.

The matter has been discussed in APPEC and APPEC recommended this student to be given exception.

Resolution: Senate resolved to give last chance to the candidate.

Action taken report: Student's registration has been allowed.



Table Agenda for the 36th Senate meeting

S36.09 Additional list of students eligible for award of degree and list of medal and award winners

Additional list of student who has become eligible for award of degree in the 12th Convocation is placed at Annexure T1. Senate is requested to approve the list. List of medal and award winners is placed at Annexure T2.

For Sir Visvesvaraya Gold Medal, this time, there are two students with same CGPA. Also for academic excellence prize for M.Tech. in Computer Science program, there are two students with same CGPA. Since CGPA is the criteria of merit to decide the award and at present CGPA is being mentioned upto two decimals, therefore, there is a tie. Hence, it is proposed to resolve the tie by obtaining the CGPA upto 3rd decimal. With this solution, tie can be removed for these medals and same criteria can be used in the future also to remove the tie. Senate is requested to approve the same.

Resolution: i) Senate resolved that for 12th Convocation the Sir Visvesvaraya Gold Medal should be given to both the students. Also the academic excellence prize for M.Tech in Comp. Sc. Program be given to both the students. The donated prizes be shared by these eligible students and accordingly the prize list be modified.
ii) Senate further resolved that for future, tie breaking criteria should be evolved by the Institute.

Action taken report: Medal and awards were given to both the students in the 12th Convocation and for future, tie breaking criteria has been included as **Item No. 37.13**


S36.10 Relaxation in the rule for minimum credit requirements to register for B. Tech. Project

As per Clause 2.6 Academic Rule Book, a student must earn 200 credits to be eligible for registration to B Tech Project Part 1. This rule has been implemented for the first time in the present semester. Some students have requested that the credit requirement limit shall be reduced to 185 credits. The reason for this request is based on the logic that a student with 185 credits can finish degree requirement of 320 credits in 4.5 years. However, if such a student is not allowed to register for Project, then, student will require 5 years for degree completion. The relaxation is being requested only for this year's students. Senate is requested to consider this request.

Resolution: Senate approved the proposal of relaxation for this year students only.

Action taken report: Such students have been allowed to register for B Tech Project Phase I.

Resolution: Senate approved the action taken reports.



S37.03 New electives and converting one DC to DE course for B.Tech. (ECE).

BoS of ECE dept. has sent a proposal to start three new DE courses and converting one DE to DC and another DC to DE. Proposal is at Annexure-II. APPEC suggested that the proposal shall be forwarded to the Senate for approval.

Resolution:

Senate suggested that the course content shall be compared with the same course being offered in other Dept. Suitable changes in the content and title shall be made to have sufficient difference in the two courses.

S37.04 New Open Course on Human Values.

BoS of Department of Humanities and Social Sciences has sent a proposal to start new Open Course on Human Values. The details are at Annexure-III. Senate is requested to approve the proposal.

Resolution: Senate approved the proposal and decided that initially this new open course will be offered to two section which will enable 180 students to take this course.

S37.05 Modified syllabus for M Tech (Transportation Engineering).

BoS of Civil Engineering Department has sent modified syllabus of various courses of M.Tech (TRE). These modifications are done in view of the recent changes in the scheme. The modified syllabus is kept at Annexure-IV. Senate is requested to approve the same.

Resolution: Senate approved the item with suggestion to modify and review of syllabus of computer aided analysis and design .(CEL-488)

S37.06 Changes in the Scheme of Instructions of various programs of Civil Engineering Department.

BoS of Civil Engineering has slightly modified the schemes of various courses. The modification pertains to changing courses with 3-0-2 credit structure to 3-0-0 and 0-0-2 type courses. In addition, some DE courses have been shifted to other semesters. For M.Tech (CTM), one new DE course on Infrastructure Planning is introduced. Modified schemes are at Annexure-V. Senate is requested to approve the same.

Resolution: Senate approved the item.



S37.07 Credit structure for M Tech programs.

At present, M Tech degree requirement requires 72 DC and 32 DE credits. In view of fixed numbers, some BoS have requested to have a range for these two types of credits. APPEC has proposed that DC shall be in the range of 66-78 and DE shall be in the range of 26-38. Senate is requested to approve the proposal.

Resolution: Senate approved the proposal.

S37.08 Minimum credit requirements to register for M.Tech Project Phase I.

APPEC has suggested that M. Tech Project Phase I registration shall be allowed only after students has earned 50 credits. This will also be applicable for M. Sc. project.

Resolution: Senate approved the item with a suggestion that the registration for M Tech project phase I be allowed during even and odd semesters.

S37.09 Excellence Medals for toppers of M. Tech / M. Sc.

At present topper of B Tech get Academic Excellence prize as well as Medal. However, M Tech/M Sc toppers get only Academic Excellence prize. APPEC has suggested that Academic Excellence Medal shall be given to M Tech / M Sc toppers also. Senate is requested to approve the same.

Resolution: Senate suggested to take up the issue in next APPEC to discuss the possibility of giving certificate of merit for 1st, 2nd 3rd topper be given at Departmental Gathering.

S37.10 Reduction in M Tech Stipend.

At present M Tech stipend of Rs. 8000/- per month is reduced as follows:

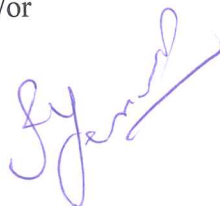
- i) If CGPA falls below 6.75, then, stipend is reduced to Rs. 5000/-
- ii) If student gets less than three FF grade, then, stipend is reduced to Rs. 3200/-
- iii) If student gets more than 3 FF grade or W grade, then, stipend is discontinued.

Discontinued stipend is never restored. Reduced stipend gets restored if student improves performance in the next semester.

It is proposed that for weak performance, stipend be reduced to 75% of the full amount for condition i) and ii) above. The condition iii) will remain unchanged. Under condition i) and ii) if student improves the performance, then, stipend is restored to full amount. Senate is requested to discuss and approve the proposal.

Resolution: Senate approved the proposal of reducing stipend to 75% for the following cases:

- i) If CGPA falls below 6.75 and/or
 - ii) If student gets less than three FF grades (one or two FF)
- If student improves the CGPA to above limit and credits the FF grade courses, then, the stipend will be restored from the next semester.
- Further, stipend will be discontinued in following cases:
- i) If student gets three or more FF grades and/or



ii) Student gets W grade in any course.

Stipend discontinued, will not be restored again, except in special cases with the approval of Director.

S37.11 Dates on Grade Card.

At present date on the final grade card is put as 15th June for all the students who become eligible for award of degree. APPEC has proposed that the dates on the Grade Card will be the ones, on which passing examinations result will be declared as per the Academic Calendar. These passing examinations will be either End Sem. or Re-exams of End Sem. examination. Senate is requested to consider the proposal.

Resolution: Senate approved the item with suggestion that the exam section should declare the results within two weeks after the display of grades and the date of declaration of results should be printed on grade card.

S37.12 Criteria for change of branch/discipline after 1st Year B Tech.

Based on the suggestions from the Student Council, after deliberation in APPEC and discussion with the Chairman Senate, following criteria is proposed for change of branch:

- (a) A student is eligible to apply for change of branch/discipline at the end of first year only, provided he/she satisfies the following criteria:
 - i. CGPA : ≥ 8.50 (Present limit is CGPA 7.0)
 - ii. Candidate should have no FF and /or W grade
- (b) Change of the discipline will be permitted strictly in the order of merit as determined by their CGPA at the end of first year subject to the limitation that i) the actual number of students in the third semester in the discipline to which the transfer is to be made, should not exceed the sanctioned strength and ii) the strength of the discipline from which transfer is being made does not fall below 90% of existing strength.
- (c) If a student of particular branch does not get change in a particular branch due to ii) of b) above, then, the student with lower CGPA of any other branch will also not get change to that branch.

Senate is requested to discuss the proposal and issue suitable guidelines.

Resolution: Senate approved the item and item c) will be read as follows:

c) If student of a particular branch does not get change in Branch A, because of (b) then, the student of lower CGPA from any other branch will also not get change to Branch A.

S37.13 Criteria for breaking the tie for Medals and awards.

For breaking the tie for Medal and Award winner toppers, APPEC proposed that the criteria in the order given below shall be followed :

- i) The CGPA shall be expanded to the fourth decimal
- ii) The percentage marks scored by the candidate in all the courses credited.
- iii) The younger candidate

Senate is requested to approve the proposal.

Resolution: Senate approved the item. This will be applicable to all UG/PG courses.



S37.14 Proposal for Mokashi Prize for Topper of Engineering Mechanics course.

Prof. V S Mokashi, retired Professor of this Institute has sent a proposal to institute a prize for the topper of Engineering Mechanics course, which is being offered in the 1st year of B Tech program. The proposal is at Annexure-VI. From the interest on the seed money, books related with Mechanics shall be given to the topper student(s). APPEC has recommended the institution of award.

Resolution: Senate approved the item.

S37.15 Teacher nominee for BoG

As per NIT Act, 2012, constitution of Board of Governors (BoG), as stated in Clause 11(f), one Professor and one Assistant Professor or Lecturer of the Institute would be nominated by the Senate as BoG Members. As per existing practice, in place of Assistant Professor, one Associate Professor is being nominated by the Senate. Tenure of present member amongst, Associate Professor, Shri I L Muthreja is completed. Dr V K Didolkar is the senior most Associate Professor, who has yet not been nominated to BoG. Hence, Dr Didolkar is being proposed as the Senate nominee for BoG amongst the Associate Professor. Also Prof. R K Paretkar, who is presently Senate Nominee (amongst Professors) at the BoG is retiring on 31st December 2014. The next senior most Professor, who has yet not been nominated to BoG, is Dr. L M Gupta. Hence, Dr L M Gupta is being proposed as the Senate nominee for BoG amongst the Professors.

Senate is requested to approve both the proposals.

Resolution: Senate approved the item.

S37.16 Senate nominee for Faculty Selection.

For Faculty Selection Committee, subject experts are suggested by the Senate. It is general practice that BoS of respective Department sends a panel of experts. In addition Chairman, Senate may include Senate nominees as subject experts for Faculty selection from following:

- i) All Professors in IIT/IISC.
- ii) All Professors with grade pay Rs.10,500/= and above in NITs/IISERs/CFTIs/equivalent Central Govt. Institutions.
- iii) FNAE: Fellows from Indian National Academy of Engineering (INAE)
FNASc: Fellows of National Academy of Sciences, Allahabad
FASc: Fellows of National Academy of Sciences, Bangalore.
FNA: Fellows of Indian National Science Academy

Fellows of Institution of Engineers (India) or other equivalent Institutions.
Respective BOS may suggest the names not included in (i) to (iii) above additionally.
Senate is requested to approve the proposal.

Resolution: Senate approved the item with observations and suggestions:

- 1) General practice is that Chairman BoS sends a panel for subject experts in consultation with the senior faculty of the Department. Such a panel, necessarily does not come from BoS.
- 2) Any other subject expert other than the list sent from the Department, shall have AGP of Rs. 10,500.
- 3) Subject expert will be member of Selection Committee only for faculty posts of equal or lower AGP than that of the expert.

S37.17 Unfair means: Addition in punishment.

In many unfair means instances, students are being caught with the possession of mobile phones. It is proposed, based on the suggestions of the Disciplinary Action committee, that such mobile phones shall not be returned to students till the completion of their degree or till their parent come and meet Dean (Acad) and discuss the issue. Senate is requested to discuss the proposal and issue suitable guidelines.

Resolution: Senate approved the item.

S37.18 Additional Campus of V.N.I.T.

Many NITs are exploring possibilities of establishing multiple campuses. For Example, NIT Rourkela already has additional campus of 700 Acres near Bhubaneswar, which is 500 KM away from Rourkela. VNIT is also exploring a possibility of getting land from State Government for additional campuses. Senate is requested to give approval, in principle, for starting educational activities in additional campuses. This resolution of Senate will help in putting a strong proposal to the State Government for additional land.

Resolution: Senate approved the item.

S 37.19 Any other item, with the permission of chair

NIL

