



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, नागपूर – 440 010
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR – 440 010

MINUTES FOR 41st MEETING OF THE SENATE HELD ON 15th February
2016 IN THE SENATE HALL OF V.N.I.T., NAGPUR.

The following members were present;

S. N.	Name of Senate Members	Designation / Department	
1	Dr. Narendra S. Chaudhari,	Director, VNIT, Nagpur	Chairman
2	Dr. Kamal Singh	Ex. Vice Chancellor, Amravati	Member
3	Dr. Milind Atrey	Professor and In-charge SINE, Department of Mechanical Engineering, IIT, Bombay	Member
4	Prof. O. R. Jaiswal	Dean (Academics), VNIT, Nagpur	Member
5	Dr. P. M. Padole	Dean (Faculty Welfare), VNIT Nagpur	Member
6	Dr. S. R. Sathe	Dean (Planning & Development), VNIT, Nagpur	Member
7	Dr. Animesh Chatterjee	Dean (Research & Consultancy), VNIT, Nagpur	Member
8	Dr. G. P. Singh	Dean (Students Welfare), VNIT, Nagpur	Member
9	Dr. R. K. Ingle	HoD, Deptt. of Applied Mechanics, VNIT, Nagpur	Member
10	Dr. V. K. Deshpande	HoD, Deptt. of Applied Physics, VNIT, Nagpur	Member
11	Dr. Abhay S. Gandhi,	HoD, Deptt. of Electronics Engineering, VNIT, Nagpur	Member
12	Dr. A. R. Tembhurkar	HoD, Deptt. of Civil Engg., VNIT, Nagpur	Member
13	Dr. S. S. Umare	HoD, Deptt. of Chemistry , VNIT, Nagpur	Member
14	Dr. (Mrs.) Rajashree Kotharkar	HoD, Dept. of Architecture, VNIT, Nagpur	Member
15	Dr. R. M. Patrikar	Professor and Head, Centre for VLSI and Nano Technology, VNIT, Nagpur	Member
16	Dr. P. S. Deshpande	HoD, Department of Computer Sc. & Engg, VNIT, Nagpur	Member
17	Dr. Dilip R. Peshwe,	HoD, Deptt. of Metallurgical & Materials Engg., VNIT, Nagpur	Member
18	Dr. S. R. Bhide,	HoD, Department of Electrical Engg. , VNIT, Nagpur	Member
19	Dr. P. P. Chakravarthy	HoD, Deptt. of Mathematics, VNIT, Nagpur	Member
20	Dr. A. M. Kuthe	HoD, Deptt. of Mechanical Engg. , VNIT, Nagpur	Member
21	Dr. K. L. Wasewar	HoD, Deptt. of Chemical Engg. , VNIT, Nagpur	Member

22	Prof. L. M. Gupta	Professor of Applied Mechanics, VNIT, Nagpur	Member
23	Dr. A. G. Keskar	Professor of Electronics, VNIT, Nagpur	Member
24	Dr. M. M. Mahajan	Professor of Applied Mechanics, VNIT, Nagpur	Member
25	Dr. M. V. Aware,	Professor, Department of Electrical Engg, VNIT Nagpur	Member
26	Dr. Kishore D. Kulat	Professor, Deptt. of Electronics Engineering, VNIT, Nagpur	Member
27	Dr. N. R. Thote	Professor of Mining Engg, VNIT Nagpur.	Member
28	Dr. A. P. Patil	Professor of Metallurgical & Materials Engg. , VNIT, Nagpur	Member
29	Dr. Alpana Dongre	Professor, Deptt. of Architecture and Planning	Member
30	Dr. V. S. Adane	Professor of Architecture, VNIT, Nagpur	Member
31	Dr. Shashikant B. Thombre	Professor of Mechanical Engg, VNIT, Nagpur	Member
32	Dr. Y. B. Katpatal	Professor of Civil Engg, VNIT, Nagpur	Member
33	Dr. R. B. Deshmukh	Professor, Centre of VLSI and Nano Technology, VNIT, Nagpur	Member
34	Dr. S. G. Sapate	Professor, Department of Material and Metallurgical Engg., VNIT, Nagpur	Member
35	Dr. K. Bhurchundi,	Professor of Electronics Engineering, VNIT Nagpur	Member
36	Dr. M. R. Ramteke	Assoc. Dean, VNIT, Nagpur	Invited Member
37	Dr. D. H. Lataye	Assoc. Dean, VNIT, Nagpur	Invited Member
38	Dr. Anupama Kumar	Assoc. Dean, VNIT, Nagpur	Member
39	Dr. J. D. Ekhe	Assoc. Dean, VNIT, Nagpur	Invited Member
40	Dr. R. S. Sonparote	Assoc. Dean, VNIT, Nagpur	Invited Member
41	Dr. P. S. Kulkarni	Assoc. Dean, VNIT, Nagpur	Invited Member
42	Dr. V. B. Borghate	Assoc. Dean, VNIT, Nagpur	Invited Member
43	Dr. U. A. Deshpande	Assoc. Dean, VNIT, Nagpur	Invited Member
44	Dr. Atul Andhare	Assoc. Dean ,VNIT, Nagpur	Invited Member
45	Dr.S.S.Bhat	Assoc. Dean ,VNIT, Nagpur	Invited Member
46	Dr. R. R. Yerpude	Registrar, VNIT, Nagpur	Member-Secretary



Shri. Dharmesh M. Parate, Dy. Registrar, Academics, Shri. K. N. Dakhale, Dy. Registrar (Stores and Exam) and Smt. A. A. Ansingkar, Asst. Registrar, Exam has attended the meeting as a special invitee.

Dr. Meenakshi Gupta ,Prof. of Humanities, IIT Mumbai, Dr. H. M. Suryawanshi, Professor in Electrical Engg, Dr. Yogesh M. Deshpande, Professor, Deptt. of Humanities, Dr. I. L. Muthreja, Head, Department of Mining Engg., Dr. V. A. Mhaisalkar ,Professor of Civil Engg, Dr. Rajesh Gupta, Professor of Civil Engineering and Dr. Girish N. Ronghe, Professor of Applied Mechanics could not attend the meeting.

At the outset chairman senate extended welcome to Dr. (Ms.) M. Ghosal, Head, Department of Humanities and thanked Dr Yogesh Deshpande, Professor in Humanities for his valuable contribution in the Senate. The Chairman Senate also appraised all the members on various academic issues. Dean Academics informed regarding the Agenda points from the Student Council's Academic Affairs Secretaries. Chairman Senate allowed the discussion on these points.

STUDENTS AGENDA :

1. UG students as Teaching Assistant (or) Mentorship Structure for the 2nd Year and 3rd Year Students:

- a) A structure similar to the Doubt Solving classes for the First year UG students.
- b) This will be a great help for the students having backlogs in departmental subjects.
- c) Two-three students can take a subject, (of the junior batch), of their interest and can help them conducting these classes once or twice a week. Likewise for every important subject.(3rd year students helping the fellow 2nd years and 4th year students helping the 3rd years)
- d) It will be beneficial for the students having back-logs.
- e) This in turn will be beneficial for the volunteering students too.

Resolution: Approved.

2. Subjects from other departments should be taught by a Regular Experienced Teacher:

- a) Students always generally find subjects from other departments little bit difficult.
- b) So a **regular and experienced** teacher should be engaged to teach the students as he/she will be more capable and experienced to teach the students, and understanding and solving their doubts.

Resolution: HODs of Departments to take care.

- 3. Proposal for Foreign Languages (German, French, etc.) as an Open Course:** It will be very beneficial for the students as many students aspire for going abroad for higher studies. Students will also have one more option for OC (which are already falling short with increase in the number of students).

Resolution: The proposal will be invited from the faculty members and open course will



commence by July 2016.

4. Proposal for a 2 credit course for **Sports** : To make the students come to the sports ground in the morning.

Resolution: All the sports related matter be routed through Dean (SW) before sending it to Dean(Academics).Sports activity will be zero credit mandatory course.

5. **Project I Credits Requirement :**

B. Tech. / B. Arch. Student must have earned minimum 200 credits to be eligible for registration for Project Part 1.

Students not meeting the above criteria have to take projects with their junior batch-mates where there is an obvious problem of lack of interaction.

Sometimes they have to stay for an extra semester just for the completion of project.

Proposal :

- a) A student not meeting the 200 credits criteria should be allotted the project if he/she can complete his/her degree in 4years + 1-2 semesters(just for the sake of projects), including summer term, **or**
- b) A student falling short by less than 10-12 credits should be allotted the major project in the 7th Semester if otherwise he/she has to stay for 9th and 10th semesters just for the completion of project, **or**
- c) A student falling short of credits can be allotted project in the 8th Semester(if he/she is intended to complete his/her degree in 9th semester) so that he/she can complete the project along with the degree without staying for 1 extra semester just for the completion of project.

Resolution: Approved for Projects.

6. **Summer Term : Present Scenario** -Summer term examinations can be given for First year subjects only and if registered in the same semester.

Proposal :

- a) Students of 2nd year and 3rd year should also be allowed to give summer term exams for the First Year subjects not registered in that semester. (Number of subjects can be limited).

Benefits:

- i) The students will not have to drop some of their departmental subjects in order to register for the backlog courses first.
- ii) The risk or probability of accumulating 7 backlogs will be reduced to a certain extent.(If they get 7 backlogs they will be terminated from the institution).
- iii) The chances to stay for an extra semester/s to complete the departmental subjects that they dropped to clear the backlog courses will be reduced.



iv) The project credits criteria can be met.

Resolution: Not approved.

7. 1) Seven Backlog for a 3rd year student and due to this termination is a very critical case.
- 2) Most of the Students were unaware of this critical rule till last semester.
- 3) Important rules like this should be '*publicized*' and the students should be alarmed in regular intervals.
- 4) Occurrence of such cases will reduce if they are allowed to give summer term exams in their 2nd and 3rd year.

Resolution: Not approved.

8. Taking into consideration medical cases.

We believe the rule states that unless you've appeared for end semester examinations you cannot appear for re-examinations or register for summer term. But what if the student was in no position to give the exam. That way he should fail and appear for re-examinations or register for summer term. This rule is flawed when we have to handle marginal cases like these. We request you to amend the rules and take into consideration the medical cases separately. **The grade card should not mention re- exam if the students had not given the end semester exam due to medical issues.**

Resolution: FF will be mentioned on the grade card. However, a separate certificate will be issued after due verification.

S41.01 To note and confirm the minutes of the 40th meeting of the Senate held on 3rd September 2015.

Agenda:

The minutes of the 40th meeting of the Senate (*Annexure-I*) were circulated to all the members. No suggestions were received. The Senate is requested to confirm the minutes accordingly.

Resolution: The minutes of 40th Senate are approved.

S41.02 To note the Action Taken Report on resolutions of the 40th meeting of the Senate.

Agenda:

S 40.03 Students for the award of degree in the 13th Convocation scheduled on 15th Sept. 2015.

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



Resolution: *Approved. After discussion, it is resolved that in future also the list should be signed by Associate Dean (Exams) and Assistant Registrar (Exams). Any addition in the list of degrees will be incorporated by Chairman, Senate for Ph.D.*

S 40.04 List of medal and award winners.

*List of medal and award winners is placed at Annexure IV.
Senate is requested to approve the same.*

Resolution: *Approved.*

Action Taken Report: The President of India, Shri Pranab Mukherjee gave the medals and awards to students during the 13th Convocation, held on 15th September 2015.

S 40.05. Any other item with the permission of the Chair.

S 40.05.01 Addendum to List of Eligible students for award of degree in 13th Convocation.

Addendum to List of Eligible students for award of degree in 13th Convocation is given in Annexure V. Senate is requested to approve the same.

Resolution: *Approved.*

Action Taken Report: Degrees are handed to students during the 13th Convocation held on 15th September 2015.

S 40.05.02 Change in degree conferring procedure for 13th Convocation only-regarding.

During 13th Convocation, Hon.ble President of India has consented to be the Chief Guest. Hence, for 13th convocation due to program constraint, there is change in procedure in conferring the degrees.

Dean (Academics) will present all the degree awardees and the Chairman, Senate admits all the awardees (Degree awardees will stand at their places). If any change is desired in other procedures looking into the various constraints, Chairman Senate is empowered to take appropriate decision.

All the senate members are informed regarding the same and they have extended the consent for the same.

Action Taken Report: 13th Convocation is successfully held on 15th September 2015.

Resolution: The action taken report is confirmed with suggestions as given below:

The additional names approved by Chairman, Senate after the conduct of convocation be placed in next senate meeting for ratification. Assistant Registrar(Exam.) should ensure the same.



S41.03 To ratify M Tech / M Sc schemes of Instruction

Agenda:

M.Tech. scheme with 52 credits and M.Sc. schemes with 63 credits were approved by the Senate in 39th meetings. The detailed syllabus and scheme subsequently received from various BoS are approved by the Chairman Senate. M.Tech. schemes are given in (*Annexure-II*) and M.Sc. Schemes are given in (*Annexure-III*). Senate is requested to ratify these schemes.

Resolution: Ratification is approved.

S 41.04 Approval of new B Tech / B Arch schemes of Instruction

Agenda:

BTech scheme with 170 credits has been implemented from 2015 batch. In the Academic Session 2015-16, the 1st and 2nd semesters are following the Senate approved revised scheme. The revised scheme for 3rd Semester onwards will be starting from July 2016. Proposals from various BoS for revised B Tech schemes along with the detailed syllabus are given in *Annexure-IV*. Senate is requested to approve the same. Detailed syllabus has not been received from some of the Departments. These will be approved by the Chairman and will be subsequently ratified in the next senate.

Resolution: Schemes of instructions are approved with proposed changes.

i)The proposal to conduct CML 393-Innovative Design as a three credit course for one semester is approved and senate will review the same after six months.

ii)The BOS Mechanical Engineering should bring down the total number of tutorials to six.

S41.05 To approve Syllabus of Mathematics courses for B. Tech. and M. Tech. programs

Agenda:

BoS of Mathematics Department has submitted syllabus of Mathematics courses offered by Mathematics Department to various B. Tech. and M. Tech. programs. These syllabus along with the suggestions of the BoS are given in *Annexure-V*. Senate is requested to approve the same.

Resolution: Approved with proposed changes. The titles of Operational Research subject taught by Mathematics department be modified.

S 41.06 To ratify the changes done in Academic Calendar 2015-16

Agenda:

Due to changes in the scheduled list of holidays, three changes have been implemented in the Academic Calendar of 2015-16. The Changes are:

1) Holiday of Holi is shifted from Wednesday, 23rd March to Thursday 24th March 2016.

2) Holiday of Mahavir Jayanti is shifted from Tuesday, 19th April to Wednesday 20th April 2016.

3) Holiday of Buddha Purnima is shifted from Wednesday, 25th May to Saturday 21st May 2016.

These changes have been approved by the Chairman Senate. Senate is requested to ratify the above changes. Modified Calendar is given in (*Annexure-VI*).

Resolution: The senate ratified the academic calendar 2015-16



S41.07 Academic Calendar of 2016-17

Agenda:

Academic Calendar for the Academic 2016-17 is given in (*Annexure-VII*). Since dates of Academic activities are to be put in the Wall-Calendar of 2016, the Chairman Senate has approved this Academic Calendar. Senate is requested to ratify the same. If there are any suggestions, the same may be incorporated.

Resolution: The senate ratified the Academic Calendar 2016-17 with the observation that the sessional slot should be as per the earlier schedule.

S41.08 To ratify Entrepreneurship course for 20 students

Agenda:

In the Winter 2015 Semester (July-Nov 2015), 6 credit course on “Introduction to Entrepreneurship” was offered to 60 students. The instructions were delivered by invited speakers in collaboration with the Alumni Association. Dr S S Bhat and Dr R B Deshmukh coordinated the evaluation and conduct of the course. The report submitted by them is quite positive and these students got benefitted by this course.

Further, it is suggested that as a sequel to this course one more course for about 20 students from this batch, who have launched a company / start-up be floated for six credits. This course will also be taught by the same faculty. Based on this suggestion, the Chairman Senate has approved a six credit course on “Building Technology Ventures” (*Annexure-VIII*). This course is for only 20 students. Most of these students will be getting these credits over and above the credits required for degree requirements.

Resolution: : The senate ratified the proposal with a suggestion that the faculty teaching the courses should be adjunct faculty.

S41.09 Timings of Student council elections

Agenda:

The election of Student Council is used to be conducted in the ODD Semester, in the month of August. Dean (SW) has suggested that the election of VNIT Student Council for 2016-17 onwards be conducted in the EVEN Semester, so that outgoing Committee and Newly elected Committee can have some overlapping period (*Annexure-IX*). The eligibility criteria are also modified accordingly. Senate is requested to discuss and approve.

Resolution: Not approved. The present system of election will continue.

S41.10 Student Mentor Program

Agenda:

Since July 2013, Student Mentor Program(SMP) has been implemented at VNIT Campus. The operational details of SMP are given in (*Annexure-X*). Senate is requested to approve the same.

Resolution: Approved. The period for Professor In-charge SMP will be of two years.



S41.11 R&D project staff for Ph.D. registration

Agenda:

In the 36th meeting of the Senate it was resolved that, a R&D project staff can be made eligible for admission to Ph.D., even if he/she does not have GATE score. This relaxation needs modification. It is noted that Project Assistant's/Project Fellows working under R&D projects from some industries/companies are also seeking registration for Ph.D. without GATE score. It is proposed that candidates who are working as JRF/SRF in DST/UGC/CSIR and other Government agency sponsored projects at the level of JRF/SRF or equivalent shall only be allowed for this scheme. Project staff from R&D projects sponsored by other agencies will not be given this relaxation.

Resolution: The senate approved the proposal with a modification to include the Project Staff from R & D projects sponsored by other agencies also to register for Ph.D. provided the following conditions are satisfied

(i) Fellowship amount is at par with existing institute fellowship for full time Ph.D students with GATE/NET qualifications .

(ii) The R & D project should support the student with this fellowship after his Ph.D registration for at least two and half years.

(iii) The project must have equipment component worth atleast Rs 30 lakh.

(iv) The project must have 20% of the total project cost as Institute overhead.

(v) The project must have other components such as contingency, travel support etc. at reasonable level.

The institute Ph.D. fellowship for such scholar will be considered for maximum one year period after three years with an appeal at an interval of six month as per the merit of the case.

Also, senate expressed that all efforts should be made by Principal Investigator/Coordinator for these scholars to obtain funding through another project for this remaining period.

S41.12 Codes of courses offered by CVN

Agenda:

In the 39th meeting of the Senate, it is resolved that courses offered by CVN will have VN code and the BoS of CVN will adopt this change. The same has been implemented for the session 2015-16. However, the BoS of CVN has proposed (*Annexure-XI*) that code of the courses offered by them shall be EN. Senate is requested to discuss this issue.

Resolution: The senate approved the code of courses offered by CVN as EN.

S41.13 Examination fee for Ph.D.

Agenda:

Presently, Ph.D. Scholar pays a fee of Rs. 25,000 towards Ph.D. Examination fee. This fee is utilized to pay Rs. 5000/- each to both the examiners, to pay Rs. 2000 as viva honorarium and to meet the TA/DA expenses. It is noted that this amount of Rs. 25,000 is not sufficient to meet these expenses. Moreover, for foreign examiner (which is mandatory for students registered after

July 2012), the honorarium is USD 200 (Rupee 14,000/-). There have been cases, wherein, total bill has gone upto Rs. 55,000. In view of this it is proposed to enhance the Ph D Examination fee from Rs. 25,000 to Rs. 40000. Also, the provision to send thesis to foreign examiner may be made optional.

Resolution: The senate approved the provision to send thesis to foreign examiner be made optional. The senate also approved the enhancement of Ph.D. Examination fees as Rs.30000 and senate will review the same every year.

S41.14 Award in the memory of Dr A G Deshpande

Agenda:

Family members of late Dr A G Deshpande, retired Professor from Mathematics Dept. of VNIT, have approached with a proposal to institute an award in his memory for the topper student of Maths I and Maths II (Combined topper). APPEC has discussed the proposal and informed the issues like deposit of Rs. 1 Lakh, review of award after 15 years etc to them. Senate is requested to discuss and approve the proposal.

Resolution: Approved.

S41.15 Any other item, with the permission of chair.---NIL.

Nehadhi