



DRAFT MINUTES FOR THE 56TH MEETING OF THE SENATE HELD ON 30TH DECEMBER, 2019 AT 2.00 PM IN THE SENATE HALL OF VNIT, NAGPUR.

The 56th Meeting of the Senate was held on 30th December, 2019 at 02.00 PM in the Senate Hall of VNIT, Nagpur.

The following members were present:

S. N.	Name of Senate Members	Designation / Department	
1.	Prof. Pramod M. Padole	Director, VNIT, Nagpur	Chairman
2.	Dr. Shashikant B. Thombre	Dean (Academics), VNIT, Nagpur	Member
3.	Dr. Dilip R. Peshwe	Dean (Faculty Welfare), VNIT, Nagpur	Member
4.	Dr. B.S. Umre	Dean (Students Welfare), VNIT, Nagpur.	Member
5.	Dr. V.B. Borghate	Dean (Research & Consultancy), VNIT, Nagpur	Member
6.	Dr. V. S. Kapse	Head, Dept. of Architecture & Planning, VNIT, Nagpur	Member
7.	Dr.Y.M. Deshpande	Head, Humanities Deptt., VNIT, Nagpur	Member
8.	Dr.Madhuri A. Chaudhari	Head, Dept. of Electrical Engg., VNIT, Nagpur.	Member
9.	Dr. I.L. Muthreja	Head, Dept. of Mining Engg., VNIT, Nagpur	Member
10.	Dr. Rajesh Gupta	Head, Department of Civil Engg., VNIT, Nagpur	Member
11.	Dr. Rajendra Patrikar	Head, Centre for VLSI and Nanotechnology, VNIT, Nagpur.	Member
12.	Dr. Kishor M. Bhurchandi,	Head, Dept. of Electronics & Communication Engineering, VNIT, Nagpur	Member
13.	Dr.P.P. Chakravathy	Head, Department of Maths. Engg., VNIT Nagpur.	Member
14.	Dr. A. R. Tembhurkar	Professor, Dept. of Civil Engg., VNIT, Nagpur.	Member
15.	Dr.Y. B. Katpatal	Professor of Civil Engg. and Associate Dean (International Affairs & Ranking), VNIT, Nagpur.	Member
16.	Dr. Dilip H. Lataye	Professor of Civil Engg. and Associate Dean (Hostel Affairs), VNIT, Nagpur.	Member
17.	Dr. Rahul Vasant Ralegaonkar	Professor of Civil Engg. and Associate Dean (T&P), VNIT, Nagpur.	Member
18.	Dr. Aniruddha D. Ghare	Professor of Civil Engg., VNIT, Nagpur.	Member
19.	Dr. O. R. Jaiswal	Professor of Applied Mechanics, VNIT, Nagpur	Member
20.	Dr. L. M. Gupta	Professor of Applied Mechanics, VNIT, Nagpur	Member
21.	Dr. R.K. Ingle	Professor of Applied Mechanics, VNIT, Nagpur	Member
22.	Dr. P.S. Deshpande,	Professor of Comp. Sci. & Engg. and Associate Dean (Information Technology: MIS Network & Website), VNIT, Nagpur.	Member
23.	Dr. Avinash G. Keskar	Professor of Electronics & Communication Engg., VNIT, Nagpur	Member
24.	Dr. K. D. Kulat	Professor of Electronics Engg., VNIT, Nagpur.	Member
25.	Dr.Abhay S. Gandhi	Professor of Electronics & Communication Engg., VNIT, Nagpur.	Member
26.	Dr. R.B. Deshmukh	Professor, Centre for VLSI and Nanotechnology, VNIT, Nagpur.	Member
27.	Dr.Animesh N. Chatterjee	Professor of Mechanical Engg., VNIT, Nagpur.	Member
28.	Dr. H. M. Suryawanshi	Professor of Electrical Engg., VNIT, Nagpur,	Member
29.	Dr. M.K. Khedkar	Professor of Electrical Engg., VNIT, Nagpur.	Member
30.	Dr. Makarand Ballal	Professor of Electrical Engg. and Associate Dean (Electrical Works), VNIT, Nagpur.	Member

31.	Dr. Sailendra Nath Paul	Professor of Metallurgical & Materials Engg., VNIT, Nagpur.	Member
32.	Dr. V. S. Adane,	Professor, Dept. of Architecture & Planning, VNIT, Nagpur	Member
33.	Dr. Rajashree S. Kotharkar	Professor of Arch. & Planning, VNIT, Nagpur.	Member
34.	Dr. V. K. Deshpande,	Professor of Physics, VNIT, Nagpur.	Member
35.	Dr. B.R. Sankapal	Professor of Physics and Associate Dean (Exams),	Member
36.	Dr. R.R. Yerpude	Professor, of Mining Engg., VNIT, Nagpur.	Member
37.	Dr. Ratnesh Kumar,	Associate Dean (Students Activities and Sports)	Invited Member
38.	Dr. Jatin Bhatt,	Associate Dean (III Cell & Alumni Activities)	Invited Member
39.	Dr. Akshay Patil,	Associate Dean (Procurement and Stores)	Invited Member
40.	Dr. Ajay A. Likhite,	Associate Dean (Public Relations), VNIT, Nagpur.	Invited Member
41.	Dr. Shital Chiddarwar	Associate Professor, Mechanical Engg. Deptt. and Associate Dean (International Affairs & Ranking)	Invited Member
42.	Mr. Sachin Jagdale	I/c Registrar, VNIT, Nagpur	Member-Secretary

Shri K.N. Dakhale, Dy. Registrar (Acad), Shri Nikhil Chingalwar, Asstt. Registrar (Exam) attended the meeting as special invitee.

Dr. U.A. Deshpande, Head, Dept. of Computer Sci. & Engg., Prof. S. R. Sathe, Registrar, Dr. R.S. Gedam, Head, Dept. of Physics, Dr. H. T. Thorat, Professor of Mechanical Engg., Dr. M. M. Mahajan, Head, Deptt. of Applied Mechanics have submitted leave of absence.

Prof.(Ms.)Varsha Banerjee, Professor, Physics Dept., IIT New Delhi, Prof Ashish Darpe, Professor, Mechanical Engg., IIT New Delhi, Prof Vinayak Deshpande, HOD, Dept. of Business Management, Nagpur University, Nagpur, Dr. G. P. Singh, Dean (Planning & Development), Dr. S.S. Umare, Head, Dept. of Chemistry, Dr. Mahesh Varma, Head, Dept. of Chemical Engg., Dr. A.P. Patil, Head, Dept. of Metallurgical & Materials Engg., Dr.V.R. Kalamkar, Head, Department of Mechanical Engg., Dr.Vishrut Suresh Landge, Professor of Civil Engg., Dr. Jayant Dattatraya Ekhe, Professor, Chemistry Department, Dr. G. N. Ronghe, Professor of Applied Mechanics, Dr. A. M. Kuthe, Professor of Mechanical Engg., Dr. M. V. Aware, Professor of Electrical Engg., Dr. S.G. Sapate, Professor of Metallurgical & Materials Engg., Dr. N.R.Thote, Professor, of Mining Engg., Dr. A. D. Vasudeo, Associate Dean (Civil Works), could not attend the meeting.

The draft Minutes of the 56th Meeting are as follows:

AGENDA FOR THE 56TH MEETING OF THE SENATE TO BE HELD ON 30TH DECEMBER, 2019 AT 2.00 PM IN THE SENATE HALL OF VNIT, NAGPUR.

S 56.01 : To note and confirm the minutes of the 55th meeting of the Senate held on 15th November 2019.

The minutes of the 55th meeting of the Senate (**Annexure-I**) were circulated to all the members. No comments were received.

Hence, the Senate is requested to confirm the minutes.

Resolution : The Senate approved the minutes of 55th meeting.

S 56.02 : To note and confirm the Action Taken Report on resolutions of the 55th meeting of the Senate.

S 55.04 : Items for Ratification.

A) Modification in syllabus of various courses & proposal for new courses for UG/PG programmes offered by the Electrical Engineering Department. [Annexure – II (a)]

1. Modifications in syllabus of (EEP416).
2. New (DE) courses proposed for existing & new B.Tech (EEE).
 - a) EEL 437 Nonlinear Dynamic Systems
 - b) EEP 426 Condition Monitoring of Electrical Components
3. Modifications in the syllabus of (EEL521).
4. Other suggestions given by BoS were also discussed and are recommended for approval.

The above proposals are to be implemented S/2020.

Resolution : Ratified.

Action Taken Report: Implemented.

B) New elective courses for B.Tech (Chemical) and M.Tech (Chemical Engineering) proposed by BoS Chemical for old scheme students. [Annexure – II (b)]

1. CML4XX: Data Analytics for chemical Engineers, for B.Tech Chemical Engineering Semester VII.
2. CML4XX: Molecular Simulation and Informatics, for B.Tech Chemical Engineering Semester VII.
3. CML5XX: Biorefinery Engineering, for B.Tech Chemical Engineering Semester VIII.
4. CML5XX: Bioprocess Engineering, for M.Tech Chemical Engineering Semester III.

The above proposals are to be implemented S/2020.

Resolution : Ratified.

Action Taken Report: Implemented.

C) Addition of new course OC/DE courses proposed by the BoS Computer Science & Engineering. [Annexure-II (c)]

1. CSL 2XX Data Structures for B.Tech students other than CSE students.(OC)
2. CSL3XX: Algorithms for B.Tech students other than CSE students.(OC)
3. CSL4XX: Cyber Crime and Ethics for B.Tech students other than CSE students.(OC)
4. CSL537: Natural Language Processing for both UG & PG students of CSE programme.(DE)
5. CSL5XX: Deep Learning for UG/PG students of CSE programme.(DE)

The above proposals are to be implemented S/2020.

Resolution : Ratified.

Action Taken Report: Implemented.

D) Modification in the scheme of M.Tech (Urban Planning). [Annexure – II (d)]

The Department of Architecture & Planning has proposed shifting of ART 503 Project appraisal/training (DC) currently from 2nd Semester to 3rd Semester.

The modification will be effective from S/2020.

The Senate is requested to ratify.

Resolution : Ratified.

Action Taken Report: Implemented.

S 55.06 : Modifications in the scheme of B.Tech (EEE), offered by the Electrical Engineering Department.

The BoS in Electrical Engineering has proposed changes in the scheme of B.Tech (EEE) program. The changes are given in [Annexure-IV]. The APPEC discussed and recommends the scheme for approval. The scheme will be implemented for the students admitted during the academic year 2019-20 and onwards.

The Senate is requested to discuss & approve.

Resolution : The agenda item is withdrawn

Action Taken Report: Not required.

S 55.07 : New scheme for B.Tech Chemical Engineering Department proposed by BoS in Chemical Engineering.

The BoS in Chemical Engineering has proposed changes in the scheme of B.Tech (Chemical) program. The changes are given in [Annexure-V]. The APPEC discussed and recommends the scheme for approval. The scheme will be implemented for the students admitted during the academic year 2019-20 and onwards.

The Senate is requested to discuss & approve.

Resolution : Approved.

Action Taken Report: Implemented.

S55.08: Modification in M.Tech scheme of Computer Science & Engineering.

Modification in the M.Tech Computer Science Scheme. The BoS in Computer Science Engineering has proposed changes in the scheme of M.Tech (Computer Science) program. The changes are given in [Annexure-VI]. The scheme will be implemented for the students admitted during the academic year 2019-20 and onwards.

The Senate is requested to discuss & approve.

Resolution : Approved.

Action Taken Report: Implemented.

S55.09: To approve the academic calendar for the year 2020-21.

The academic calendar for the year 2020-21 is given in [Annexure – VII]
The APPEC discussed & recommends the calendar for the academic year 2020-21
The Senate is requested to discuss and approve the same.

Resolution : Approved with following modifications

1. For the ODD semester
 - a. End semester examination will start from 19 November 2020 and will continue till 1st December 2020.
2. For the EVEN semester
 - a. end semester examination will start from 22 April 2021 and will continue till 3rd May 2021
 - b. Instruction day on 17th April 2021 is shifted to 30th Jan 2021

Action Taken Report: The academic calendar is uploaded on the institute website.

S Math

[Signature]

S 55.10: Proposed modifications for M Tech Programmes in the Academic Rule Book.

The modifications discussed and proposed in HODs meeting held on 10.10.2019 are enclosed in **Annexure- VIII.**

The Senate is requested to discuss and approve the same.

Resolution :

1. The prerequisites for registration to Project Phase –II is modified to “35 earned credits and Project Phase –I” instead of “completion of all the course work & Project Phase –I”.
2. M. Tech students are allowed to undertake Summer internship in reputed industries/ Institutes/ research organizations after the II semester, but before commencement of the third semester. The students will be paid Institute stipend in full and are not required to apply for leave during this internship period. The concerned HoD to decide the “reputed industry” with proper justification. If the concerned industry is ready to offer the stipend to the student, the Institute stipend will not be paid.
3. The M.Tech project Phase-I & Phase-II both can be carried out in industry with Institute stipend. Maximum two students will be permitted. The students will carry out the teaching assistantship during the Summer vacation period after 2nd semester. The students who have undertaken the Summer Internship after 2nd semester, will not be eligible. Other rules as applicable to project phase II students (as per Annexure-III of the rule book) will be applicable in such cases also.

Other relevant issues like, required modifications in the M Tech schemes, monitoring of the students doing their project at VNIT, number of students that can be sent to industry for their M Tech dissertation without stipend, etc., will be finalised by the APPEC.

4. The CGPA Requirement for the award of M.Tech. degree remains 6. However, the students are permitted to improve the grades in the courses in which they have already secured a PASS grade (i.e. AA to DD). The maximum duration to complete the M Tech degree remains 3 years from the date of his/ her first registration. APPEC to discuss and recommend the operational mechanism.

Action Taken Report: 1. Resolution 1 and 2 implemented.

2. Resolution 3 and 4; Report awaited from the APPEC.

S 55.11: Any other matter with the permission to chair:

S55.11.01: To approve the new elective course for M.Tech(CAD-CAM) and M.Tech (Industrial Engg.)

BOS Mechanical is proposing elective course to be offered to students of M.Tech (CAD-CAM) and M.Tech (Industrial Engg) with effect from Summer 2020.

MEL5XX: Product Ideation and Design

The syllabus of the course attached (Annexure-IX).

Resolution: Approved.

Action Taken Report: Implemented

The Senate is requested to note and confirm the action taken report.

Resolution : The Senate confirmed the action taken report.

Signature

S 56.03: To approve DE courses offered by Department of Mathematics (Annexure –II)

The Department of Mathematics has recommended following DE courses for research students.

1. MAL612-Nonlinear Analysis and Applications
2. MAL613-Introduction to III-posed Operator Equations

The above proposals are to be implemented from S/2020.

The Senate is requested to discuss & approve.

Resolution : Approved.

S56.04: To approve SWAYAM courses recommended by the BoS (Electronics and Communication Engineering) and BoS (Metallurgy & Material Engineering) (through credit transfer mechanism)

Department of Electronics and Communication Engineering has recommended the SWAYAM courses listed in **Annexure –III (a)** to be offered to their UG students as electives.

Similarly Department of Metallurgical and Material Engineering has recommended the SWAYAM courses listed in **Annexure –III (b)** to be offered to their UG students as electives.

The APPEC discussed & recommends the proposals, on trial basis.

The Senate is requested to discuss & approve.

Resolution : Approved.

Maximum one course can be registered using SWAYAM platform (during his/her entire programme). APPEC to take appropriate decisions while implementing the proposal.

S56.05: Any other item with the permission of the chair.

S56.05.01: To approve Ph.D thesis submission with one SSCI publication and one Referred Journal after completion of five years for Department of Humanities & Social Sciences.

As there is shortage of SSCI/Scopus Journals in the discipline of Humanities & Social Science, BOS Humanities is proposes that a candidate can submit his/her Ph.D thesis after completion of five years without going for pre-evaluation /thesis with one SSCI publication and one publication in Referred Journal. (**Annexure-IV**)

The Senate is requested to deliberate and approve.

Resolution : Regret.

Senate however agreed to expand the basket of pre-evaluation examiners by including in the list, Institutes of National/International repute. BoS (HSS) may suggest such institutes for inclusion in the list.

The meeting concluded with the vote of thanks to the chair.


Chairman-Senate