



DRAFT MINUTES OF THE MEETING OF 61st SENATE HELD IN THE SENATE HALL OF VNIT, NAGPUR (ONLINE MODE) ON THURSDAY THE 22nd APRIL, 2021 AT 4.00 PM.

The 61st Meeting of the Senate was held on 22nd April, 2021 at 4.00 PM in the Senate Hall of VNIT, Nagpur (ONLINE MODE).

The following members were present:

S. N.	Name of Senate Members	Designation / Department		Online / In-person
1.	Prof. Pramod M. Padole	Director, VNIT, Nagpur	Chairman	In-person
2.	Prof Vinayak Deshpande	HOD, Dept.of Business Management, Nagpur University, Nagpur	Member	Online
3.	Dr. A.S. Gandhi	Dean (Academic), VNIT, Nagpur	Member	Online
4.	Dr. Dilip R. Peshwe	Dean (Faculty Welfare), VNIT, Nagpur	Member	Online
5.	Dr. J.D. Ekhe	Dean (Planning & Development), VNIT, Nagpur	Member	Online
6.	Dr. D.H. Lataye	Dean (Students Welfare), VNIT, Nagpur.	Member	Online
7.	Dr. (Smt.) Madhuri A. Chaudhari	Dean (Research & Consultancy), VNIT, Nagpur	Member	Online
8.	Dr. L. M. Gupta	Head, Deptt. of Applied Mechanics, VNIT, Nagpur.	Member	Online
9.	Dr. (Smt.) Anupama Kumar	Head, Dept. of Chemistry, VNIT, Nagpur	Member	Online
10.	Dr. Sachin Mandavgane	Head, Dept. of Chemical Engg., VNIT, Nagpur	Member	Online
11.	Dr. V.K. Deshpande	Head, Dept. of Physics, VNIT, Nagpur	Member	Online
12.	Dr. P.S. Deshpande	Head, Dept. of Computer Sci. & Engg., VNIT, Nagpur.	Member	Online
13.	Dr. G. N. Nimbarte	Head, Dept. of Humanities, VNIT, Nagpur.	Member	Online
14.	Dr. V.B. Borghate	Head, Dept. of Electrical Engg., VNIT, Nagpur.	Member	Online
15.	Dr. Jatin Bhatt	Head, Dept. of Metallurgical & Materials Engg., VNIT, Nagpur	Member	Online
16.	Dr. I.L. Muthreja	Head, Dept. of Mining Engg., VNIT, Nagpur.	Member	Online
17.	Dr.Y.B. Katpatal	Head, Department of Civil Engg., VNIT Nagpur.	Member	Online
18.	Dr. S.B. Thombre	Head, Department of Mechanical Engg., VNIT Nagpur.	Member	Online
19.	Dr. Rajendra M. Patrikar	Head, Centre for VLSI and	Member	Online

Sprath

		Nanotechnology, VNIT, Nagpur.		
20.	Dr. A.G. Keskar	Head, Dept. of Electronics & Communication Engineering, VNIT, Nagpur.	Member	Online
21.	Dr. G.P. Singh	Head, Department of Maths. Engg., VNIT Nagpur.	Member	Online
22.	Dr. Rajesh Gupta	Professor, Department of Civil Engg., VNIT Nagpur.	Member	Online
23.	Dr. Rahul Vasant Ralegaonkar	Professor of Civil Engg. VNIT, Nagpur.	Member	Online
24.	Dr. Aniruddha D. Ghare	Professor of Civil Engg., VNIT, Nagpur.	Member	Online
25.	Dr. Vishrut Suresh Landge	Professor of Civil Engg., VNIT, Nagpur.	Member	Online
26.	Dr. O. R. Jaiswal	Professor of Applied Mechanics, VNIT, Nagpur	Member	Online
27.	Dr. R.K. Ingle	Professor of Applied Mechanics, VNIT, Nagpur.	Member	Online
28.	Dr. U.A. Deshpande	Professor, Dept. of Computer Sci. & Engg., VNIT, Nagpur.	Member	Online
29.	Dr. R.B. Deshmukh	Professor, Centre for VLSI and Nanotechnology, VNIT, Nagpur.	Member	Online
30.	Dr. Animesh N. Chatterjee	Professor of Mechanical Engg., VNIT, Nagpur.	Member	Online
31.	Dr. A. M. Kuthe	Professor of Mechanical Engg., VNIT, Nagpur.	Member	Online
32.	Dr. V. R. Kalamkar	Professor of Mechanical Engg., VNIT, Nagpur.	Member	Online
33.	Dr. P.P. Chakravarthy	Professor, Department of Maths. Engg., VNIT Nagpur.	Member	Online
34.	Dr. Y.M. Deshpande	Professor, Dept. of Humanities, VNIT, Nagpur.	Member	Online
35.	Dr. H. M. Suryawanshi	Professor of Electrical Engg., VNIT, Nagpur.	Member	Online
36.	Dr. M. V. Aware	Professor of Electrical Engg., VNIT, Nagpur.	Member	Online
37.	Dr. M.K. Khedkar	Professor of Electrical Engg., VNIT, Nagpur.	Member	Online
38.	Dr. Makarand Ballal	Professor of Electrical Engg., VNIT, Nagpur.	Member	Online
39.	Dr. B.S. Umre	Professor of Electrical Engg., VNIT, Nagpur.	Member	Online
40.	Dr. V. S. Adane	Professor, Dept. of Architecture & Planning, VNIT, Nagpur	Member	Online
41.	Dr. Rajashree S. Kotharkar	Professor of Arch. & Planning, VNIT, Nagpur.	Member	Online
42.	Dr. R.S. Gedam	Professor of Physics Dept., VNIT, Nagpur	Member	Online
43.	Dr. B.R. Sankapal	Professor of Physics Dept., VNIT, Nagpur	Member	Online
44.	Dr. R.R. Yerpude	Professor, of Mining Engg., VNIT, Nagpur.	Member	Online
45.	Dr. N.R. Thote	Professor, of Mining Engg. and	Member	Online

S. M. K.

[Signature]

		Assoc. Dean (III and Alumni Activities), VNIT, Nagpur.		
46.	Dr. S.V. Bakre	Assoc. Prof. of Applied Mechs. & Associate Dean (Civil Works), VNIT, Nagpur.	Invited Member	Online
47.	Dr. Nita Patne	Assoc. Prof. of Electrical Engg. and Associate Dean (Electrical Works), VNIT, Nagpur.	Invited Member	Online
48.	Dr. M.R. Ramteke	Assoc. Prof., Elect. Engg. and Associate Dean (Procurement and Stores), VNIT, Nagpur	Invited Member	Online
49.	Dr. J.G. Suryawanshi	Assoc. Prof. of Mech. and Associate Dean (Exams),	Invited Member	Online
50.	Dr. K.L. Wasewar	Assoc. Prof. of Chemical Engg., Associate Dean (Educ. Tech. & Library), VNIT, Nagpur.	Invited Member	Online
51.	Dr. R.B. Keskar	Assoc. Professor, Comp. Sci. & Engg. and Associate Dean (Information Technology:MIS Network & Website)	Invited Member	Online
52.	Dr. (Smt.) Rashmi Uddanwadikar	Assoc. Prof., Mechanical Engg. and Associate Dean (Public Relations), VNIT, Nagpur	Invited Member	Online
53.	Dr. A.S. Chaurasia	Assoc. Prof. of Chemical Engg. & Assoc. Dean (Students Activities and Sports),VNIT, Nagpur	Invited Member	Online
54.	Dr. Shital Chiddarwar	Associate Professor, Mechanical Engg. Deptt. and Associate Dean (International Affairs & Ranking)	Invited Member	Online
55.	Dr. Shailesh R. Sathe	Registrar, VNIT, Nagpur.	Secretary	In-person

Shri Nikhil Chingalwar, Asstt. Registrar (Exam) & In-charge (Acd) attended the meeting as special invitee (Online).

Prof. Ashish Darpe, Professor, Mechanical Engg., IIT New Delhi, Prof.(Ms.)Varsha Banerjee, Professor, Physics Dept., IIT New Delhi, Dr. Akshay P. Patil, Head, Dept. of Architecture & Planning, Dr. A. R. Tembhurkar, Professor, Dept. of Civil Engg., Dr. S.S. Umare, Professor of Chemistry, Dr. Kishor M. Bhurchandi, Assoc. Dean (T&P), Dr. K. D. Kulat, Professor, Dept. of Electronics & Commu. Engg., Dr H T Thorat, Professor of Mechanical Engg., Dr. A.P. Patil, Professor, Dept. of Metallurgical & Materials Engg., Dr. S. G. Sapate, Professor of Metallurgical & Materials Engg., Dr. Ratnesh Kumar, Associate Dean (Hostel Affairs), could not attend the meeting.

Director, VNIT Nagpur has thanked the outgoing Deans namely Dr. S.B. Thombre, Dr. G.P. Singh, Dr. B.S. Umre, Dr. V.B. Borghare, outgoing Associate Deans namely Dr. A.D. Vasudeo, Dr. Makarand Ballal, Dr. Akshay Patil, Dr. B.R. Sankapal, Dr. A.S. Gandhi, Dr. P.S. Deshpande, Dr. Ajay A. Likhite, Dr. D.H. Lataye, Dr. Rahul Ralegaonkar, Dr. Ratnesh Kumar, Dr. Jatin Bhatt & outgoing HoDs namely Dr. V.S. Kapse, Dr. S.S. Umare, Dr. Mahesh Varma, Dr. R.S. Gedam, Dr. U.A. Deshpande, Dr. Y.M. Deshpande, Dr. (Smt.) Madhuri A. Chaudhari, Dr. A.P. Patil, Dr. Rajesh Gupta, Dr. V.R. Kalamkar, Dr. K.M. Bhurchandi, Dr. P.P. Chakravarthy for their contribution to the Senate. He also thanked Dr. G.N. Ronghe, Prof. of Applied Mechanics who superannuated in March, 2021 for his contribution to the Senate.

S. Sathe

Director, VNIT Nagpur welcomed new Deans namely Dr. A.S. Gandhi, Dr. J.D. Ekhe, Dr. D.H. Lataye, Dr. (Smt.) Madhuri A. Chaudhari, new Associate Deans namely Dr. S.V. Bakde, Dr. Nita Patne, Dr. M.R. Ramteke, Dr. J.G. Suryawanshi, Dr. K.L. Wasewar, Dr. R.B. Keskar, Dr. (Smt.) Rashmi Uddanwadikar, Dr. Ratnesh Kumar, Dr. Kishor M. Bhurchandi, Dr. A.S. Chaurasia, Dr. N.R. Thote & new HoDs namely Dr. Akshay P. Patil, Dr. (Smt.) Anupama Kumar, Dr. Sachin Mandavgane, Dr. V.K. Deshpande, Dr. P.S. Deshpande, Dr. G.N. Nimbarte, Dr. V.B. Borghate, Dr. Jatin Bhatt, Dr. Y.B. Katpatal, Dr. S.B. Thombre, Dr. A.G. Keskar, Dr. G.P. Singh. Director, VNIT Nagpur also extended welcome to Dr. Satish Deopujari & Dr. Pankaj Dhule, Sr. Medical Officer as a special invitee to the meeting.

The draft Minutes of the 61st Meeting are as follows:

S 61.01: To note and confirm the minutes of the 60th meeting of the Senate held on 30th December 2020.

The minutes of the 60th meeting of the Senate (**Annexure-I**) were circulated to all the members. No suggestions about the minutes were received.

The Senate is requested to confirm the minutes.

Resolution: The minutes of 60th Senate meeting are confirmed.

S 61.02: To note and confirm the Action Taken Report on resolutions of the 60th meeting of the Senate.

S60.03: Items for Ratification.

1. "Shri. Vishramji Jamdar Memorial Medal" for 2nd Highest CGPA amongst all Discipline of B.Tech Programme. (Annexure – V (a))
2. "In memory of Shri. Vishramji Jamdar Medal" for 2nd Highest CGPA in B.Tech (Metallurgical and Material Engineering. (Annexure – V (b))
3. Proposals from Computer Science Board of Studies regarding inclusion of New Elective courses for PG and shifting of the course from Odd semester to even semester for (UG and PG). (Annexure – VI)

Resolution: All items Ratified.

Action Taken Report: Implemented

S60.04: To approve the modifications in the academic calendar for the S 2021 session of the academic year 2020-21. (due to COVID -19 pandemic).

Due to prevailing situation of COVID-19 pandemic in India & Nagpur it is not possible to conduct the classroom sessions on VNIT campus during S/2021 session period.

The APPEC recommends modifications in the already approved academic calendar for the S/2021 session of the academic year 2020-21. Details are under;

- i) The session will be held in online mode.
- ii) There will be only one mid semester examination during 1st March to 9th March 2021.
- iii) Rest all, including the weightages to the different evaluation components as proposed earlier for the session W/2020, remains unchanged.

The Senate is requested to discuss and approve the same.

Resolution: Approved, with following recommendations:

- i) Depending on Covid-2019 situation prevailing then, the Chairman Senate is authorised to modify academic calendar.
- ii) The chairman senate is authorised to change weightages of different components of evaluation upon recommendation of the APPEC.
The APPEC is requested to make recommendations to the Chairman Senate (in consultation with HoDs) for changes in the methodology of evaluation/associated weightages for the session S/2021.

Action Taken Report: Implemented

S60.05: To approve the academic calendar for the year 2021-22.

The academic calendar for the year 2021-22 is given in (Annexure – VII).
The APPEC discussed & recommends the calendar for the academic year 2021-22.
The Senate is requested to discuss and approve the same.

Resolution: Approved.

Action Taken Report: It is not yet clear how the situation will be in July 2021. Hence, the calendar is not published yet.

S60.06: Any other item with the permission of the chair.

Item No. S60.06.01 : The nomination of external members on Senate.

As per the Note No. Admn/Senate dated 13/12/2018, the following members were nominated on Senate for two years.

1. Prof. Ashish Darpe, Dept. of Mech. Engg., IIT, New Delhi.
2. Prof. Vinayak Deshpande, Dept. of Business Management, Nagpur University, Nagpur.
3. Prof. (Mrs.) Varsha Banerjee, Dept. of Physics, IIT, New Delhi.

The present term of these members is ending on 31st January, 2021. Hence, it is proposed to extend their term by one year i.e. from 1st February, 2021 to 31st January, 2022.

The Institute has sought their willingness.

Senate is requested to note.

Resolution: Noted.

Action Taken Report: Implemented. The members being informed.

S60.06.02: Regarding valuation of Mine visits and Training courses for B.Tech Mining Engineering.

In view of COVID-19, online classes are being held and students are not attending classes physical. The B.Tech (Mining Engineering) programme require student's presence physically or also required to go the field for the following:

S. Bhatt

1. **Mine visit:** VII semester B.Tech (Mining), evaluation based on Three visits (III, V and VII sem each spread over for the course duration).
2. **Training:** VIII semester B.Tech (Mining Engg), evaluation based on three trainings (UG coal, UG Metal and Surface Mine one month each spread over for the course duration).

Hence, it is proposed that evaluation of above courses may be done based on visits undertaken/training undertaken respectively so far, prior to VII semester. Three visits or three training, as per curriculum, need not be insisted upon.

The above arrangement is proposed for Session 2020-21(Winter-20 and Summer-21 Exams). BoS (Mining) has approved the proposal as a special case for Session 2020-21 (**Annexure-VIII**).

Hence, Senate is requested to kindly approve this proposal as a special case for the Session 2020-21.

Resolution: The Senate approved the proposal as a special case.

Action Taken Report: Implemented.

S60.06.03: The proposal from Dean (R & C)

- (i) Regarding permitting Full Time Ph.D. Candidates who have taken admission from January 2019 to work on Part Time Basis.
- (ii) Regarding Ph.D. students who have completed 5 years but do not have 2SCI.
- (iii) Regarding Similarity Index/Plagiarism Check during Ph.D. thesis submission.

The Dean (R & C) has deliberated the matter (i) Regarding permitting Full Time Ph.D. Candidates who have taken admission from January 2019 to work on Part Time Basis, (ii) Regarding Ph.D. students who have completed 5 years but do not have 2SCI (iii) Regarding Similarity Index / Plagiarism Check during Ph.D. thesis submission.

The Senate is requested to discuss.

Resolution: The Chairman, Senate is authorised to set up the committee to look into the matter & make recommendations.

Action Taken Report: Implemented.

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

Resolution: The action taken report is confirmed.

S61.03: Item for information. (Refer page 4 of Annexure -I)

The Action Taken Report on resolution S 58.03 -II states that

The senate agreed in principle that the “number barriers” and the “basket barriers” imposed on the DE courses in the scheme of examination (e.g any two courses from the group given, etc) be removed for all UG/ PG programmes offered by VNIT. The APPEC is requested to discuss the issue & suggest the modalities of operation.

S. Bath

The list of courses has been obtained from all the departments. They have been discussed in the APPEC meeting. The number barriers and basket barriers are now removed.

Resolution: Noted.

S61.04: Proposal for adding new DE courses by the BoS Computer Science & Engineering. [Annexure - II]

The proposal for adding new DE courses has been received from BoS Computer Science & Engineering the details of which are as given below:

1. CSL 4XX: "Introduction to Internet of Things" DE 3-0-2-4 in 7th Sem. B.Tech and 1st Sem. M.Tech.
2. CSL 5XX: "Mathematics for Machine Learning" DE 4-0-0-4 in 2nd Semester M.Tech Computer Science & Engineering

The Senate is requested to discuss & approve the same.

Resolution: Approved.

S61.05: New DE courses proposed by the BoS Electronics & Communication Engineering in M.Tech. (Communication System Engineering) curriculum. [Annexure - III]

The Department of Electronic & Communication Engineering has recommended following DE courses in M.Tech Communication System Engineering Curriculum.

1. Introduction of ECL 429 Communication Networks & ECP 429 Communication Networks
2. Introduction of ECL 440 Cellular Systems

The APPEC discussed the proposal and approved and asked Exam section to check the course codes. (Course code corrected by Exam. Section.)

The Senate is requested to discuss & approve the same.

Resolution: Approved. Senate emphasised that faculty advisors have to ensure that while registering for courses, excessive overlap of UG and PG courses is avoided by the student.

S61.06: Proposal of contact courses for Ph.D scholars from Department of Humanities.

The Department of Humanities has recommended contact courses for Ph.D scholars.

The syllabus of contact courses has been designed for Ph.D scholars. Designed syllabus has been discussed and passed in the BOS Humanities meeting. The APPEC discussed and recommends the courses for approval. Syllabus of the courses are enclosed in [Annexure- IV]

The Senate is requested to discuss & approve the same.

Resolution: The list is approved in principle. Activation of each course to be done with the approval of Chairman Senate on case-to-case basis. These courses are not counted in the teaching load of a faculty member.

S61.07: Proposal of inclusion of OC/HM courses for Sem. III/IV/VII/VIII & X of B.Arch. [Annexure - V]

The BoS of Architecture has proposed inclusion of OC/HM courses for Sem III/IV/VII/VIII & X of B.Arch. The APPEC discussed & approved the proposal.

The Senate is requested to discuss & approve the same.

Resolution: Approved.

S61.08: Proposal to adopt MOOC Courses as a part of curriculum.

The BoS of Electronic & Communication Department has proposed to adopt MOOC Courses as a part of curriculum. [Annexure - VI]

The APPEC discussed and recommends the MOOC courses on the same lines of resolution S56.04. Hence, student can register for one MOOC course in place of a DE course.

Also, APPEC suggested that the MOOC course must have minimum 40 contact hours to consider it as 3 credit course and minimum 56 contact hours to consider it as a 4 credit course.

The Senate is requested to discuss & approve the same.

Resolution: Approved. The senate has further specified that

1. The course coordinator has to be a VNIT faculty who will ensure that the evaluation of students is carried out as per VNIT system.
2. The course will not be counted as teaching load of the coordinator.
3. Eventually, such courses are expected to be developed as regular courses in our scheme.

S61.09: Inclusion of Associate Dean (Examination) as ex-officio member of APPEC

As per the Senate Resolution no S31.13(a) the Academic Progress and Performance Evaluation Committee (APPEC) comprises of the following members,

APPEC Members:

Dean (Acad) ----- Co-ordinator

Four senate members to be nominated by the Senate

Dy. Registrar (Acad) ----- Member Secretary

The post of Associate Dean (Examination) was not there at the time of formation of APPEC. It is observed that there are several items in the agenda of APPEC meetings that need inputs from Associate Dean (Examination). Hence, it is proposed to include Associate Dean (Exam) as the ex-officio member of APPEC.

The Senate is requested to approve.

Resolution: Approved.

S61.10: Proposal from HoD Mechanical Department regarding new inter-disciplinary M.Tech. Program in Biomedical Engineering.

The BoS of Mechanical has proposed an new inter-disciplinary M.Tech Program in Biomedical Engineering is enclosed in [Annexure - VII]

The Senate is requested to deliberate and approve.

Resolution: The Senate approved the inter-disciplinary M.Tech Program in Biomedical Engineering with suitable change in M.Tech Program title.

S61.11: Proposal to start Artificial Intelligence (AI) for Engineers as an open course from Mechanical Department. [Annexure - VIII]

The BoS of Mechanical has proposed an open course Artificial Intelligence (AI) for Engineers. The APPEC discussed & approved the course with a code MEL4XX.

The Senate is requested to deliberate and approve the same.

Resolution: Approved.

S61.12: Result analysis of Winter 2020.

The result analysis for Winter 2020 is enclosed in [Annexure - IX]

The Senate is requested to note.

Resolution: Noted.

S61.13: Teacher's nominee for BoG.

As per NIT Act, 2012, constitution of Board of Governors (BoG), as stated in Clause 11(f), one Professor and one Associate Professor/Assistant Professor of the Institute would be nominated by the Senate as BoG Members.

In this regard, Dr. D. R. Peshwe, Professor of Metallurgy and Materials Engineering is completing his term on 5th June 2021 and Dr. Y. M. Puri, Associate Professor in Mechanical Engineering is completing his term on 31st August 2021 as BoG member nominated by the Senate.

Hence, the Senate is requested to nominate one Professor and one Associate Professor/Assistant Professor on BoG.

Resolution: The Chairman, Senate is authorised to nominate one Professor & one Associate Professor on BoG.

S61.14 : Any other item with the permission to chair.

NIL

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

Chairman-Senate

Page 9 of 9

S. Math