



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

**DRAFT MINUTES OF 45TH MEETING OF THE SENATE HELD ON 27<sup>th</sup> JANUARY AT 3.00 PM IN THE SENATE HALL OF V.N.I.T., NAGPUR.**

The 45th Meeting of senate was held on Friday, the 27th January 2017 at 3.00 NOON in the senate Hall.

The following members were present;

S. N.	Name of Senate Members	Designation / Department	
1	Prof. Narendra S. Chaudhari	Director, VNIT, Nagpur	Chairman
2	Dr.Kamal Singh	Ex.VC SGBAU	Member
3	Prof.V.K.Deshpande	Dean (Academics), VNIT, Nagpur	Member
4	Prof.P.M.Padole	Dean (Faculty Welfare), VNIT, Nagpur	Member
5	Prof. R. R. Yerpude	Dean (Planning & Development), VNIT, Nagpur	Member
6	Prof. Animesh Chatterjee	Dean (Research & Consultancy), VNIT, Nagpur	Member
7	Prof. V. B. Borghate	Dean (Students Welfare), VNIT, Nagpur	Member
8	Prof. G. P. Singh	HoD, Deptt. of Mathematics, VNIT, Nagpur	Member
9	Prof. R. K. Ingle	Head, Applied Mechanics Department, VNIT, Nagpur	Member
10	Prof. V. S. Adane	Head, Dept. of Architecture, VNIT, Nagpur	Member
11	Prof. J. D. Ekhe	Head, Chemistry Department, VNIT, Nagpur	Member
12	Dr. Ashish Chaurasia	Head, Dept. of Chemical Engg., VNIT, Nagpur	Member
13	Dr. B . R. Sankapal	Head, Dept. of Physics, VNIT, Nagpur	Member
14	Dr. U.A. Deshpande	Head, Dept. of Computer Sci. & Engg., VNIT, Nagpur.	Member
15	Dr. (Ms) M. Ghosal	Head, Dept. of Humanities, VNIT, Nagpur.	Member
16	Prof. A. M. Kuthe	Head, Dept. of Mechanical Engg., VNIT, Nagpur.	Member
17	Prof. M.K.Khedkar	Head, Dept. of Electrical Engg., VNIT, Nagpur.	Member

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18	Prof. Dilip R. Peshwe	Head, Dept. of Metallurgical & Materials Engg.,	Member
19	Prof. I. L. Muthreja	Head, Dept. of Mining Engg., VNIT, Nagpur.	Member
20	Prof. A. D. Ghare	Head, Department of Civil Engg., VNIT Nagpur.	Member
21	Prof. Rajendra M. Patrikar	Head, Centre for VLSI and Nanotechnology	Member
22	Prof. Abhay S. Gandhi	Head, Dept. of Electronics and Communication Engineering, VNIT, Nagpur.	Member
		<b>PROFESSORS</b>	
23	Dr. O. R. Jaiswal	Professor of Applied Mechanics	Member
24	Dr. S. S. Umare	Professor, Chemistry Department, VNIT, Nagpur.	Member
25	Dr. V. A. Mhaisalkar	Professor of Civil Engineering, VNIT, Nagpur.	Member
26	Dr. L. M. Gupta	Professor of Applied Mechanics, VNIT, Nagpur.	Member
27	Dr. (Mrs.) Alpana Dongre	Professor of Architecture, VNIT, Nagpur.	Member
28	Dr. M. V. Aware	Professor of Electrical Engg	Member
29	Dr. R. B. Deshmukh	Professor, Centre for VLSI and Nanotechnology, VNIT, Nagpur.	Member
30	Dr. M. M. Mahajan	Professor of Applied Mechanics, VNIT, Nagpur.	Member
31	Dr. Shashikant B. Thombre	Dr. Shashikant B. Thombre, Professor of Mechanical Engg., VNIT, Nagpur.	Member
32	Dr.H.T.Thorat,	Prof.of Mech.Engg, VNIT, Nagpur	Member
33	Dr. H. M. Suryawanshi	Professor of Electrical Engg	Member
34	Dr. Rajesh Gupta	Professor of Civil Engg., VNIT, Nagpur.	Member
35	Dr. Y. B. Katpatal	Dr. Y. B. Katpatal, Professor of Civil Engg., VNIT, Nagpur.	Member
36	Dr N V Deshpande	Dr N V Deshpande, Professor of Mechanical Engg.,VNIT,Nagpur.	Member
	<b>ASSOCIATE DEANS</b>	<b>ASSOCIATE DEANS</b>	
37	Dr. K. D. Kulat	Associate Dean (Educ. Tech & Library), VNIT, Nagpur.	Member

*S. S. Patil*

38	Dr. Manish Kurhekar	Associate Dean (MIS Network & Website), VNIT, Nagpur.	Member
39	Dr. Yogesh M. Deshpande	Associate Dean (PR), VNIT, Nagpur	Member
40	Dr. P. P. Chakravarthy	Associate Dean (Students Activities and Sports), VNIT, Nagpur	Member
41	Dr. B.S.Umre	Associate Dean (Hostel Affairs), VNIT, Nagpur.	Member
42	Dr. Vijay Kale	Associate Dean (Electrical Works)	Member
43	Dr. Sachin Bakre	Associate Dean (Procurement and Stores)	Member
44	Dr. Vilas Kalamkar	Associate Dean (III Cell & Alumni Activities)	Member
45	Prof. S. R. Sathe	Registrar, VNIT, Nagpur	Member-Secretary

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

Dr. Avinash G. Keskar, Professor of Electronics and Communication Engg., Dr. N. R. Thote, Professor of Mining Engg., VNIT, Nagpur and Dr. P. S. Kulkarni, Associate Dean (Exams) submitted leave of absence.

Prof. Milind Atrey, Professor of Mechanical Engg., IIT Mumbai, Dr. Meenakshi Gupta, Prof. of Humanities, IIT Mumbai, Dr. A. R. Tembhurkar, Professor, Dept. of Civil Engg., Prof. Girish N. Ronghe, Professor of Applied Mechanics, , Dr. S. G. Sapate, Professor of Metallurgical & Materials Engg., Dr. A. P. Patil, Professor of Metallurgical & Materials Engg., Dr. Kishore M. Bhurchundi, Associate Dean (International Affairs), Dr. Anirban Mandal, Associate Dean (Civil Works), Dr. Jatin Bhatt, Associate Dean (T&P) could not attend the meeting.

**S45.01 To note and confirm the minutes of the 44th meeting of the Senate held on 15th December 2016.**

The minutes of the 44th meeting of the Senate (Annexure-I) were circulated to all the members. The Comments are received from Dr. S. B. Thombre pertaining to Item no S44.09. The BoS Comp.Sc. has submitted corrected scheme which takes care of balance in the credits of DE and DC courses.

The Senate is requested to confirm the minutes.

**Resolution:** Minutes of 44th Senate are confirmed with suggested modifications.

S. R. Sathe

## **S45.02 To note and confirm the Action Taken Report on resolutions of the 44th meeting of the Senate.**

### **S 44.03 To ratify the open courses for the Semester Jan.-May 2017.**

In view of the registration to various courses of Jan.-May 2017, the Chairman Senate has approved the following open courses for the students of various departments:

- a) Innovative Design (CML-393) to be offered by Chemical Engg. Dept.
- b) Nano Materials (MML-488) to be offered by Metallurgical and Material Engg. Dept.
- c) Engineering Economics (MEL-447) to be offered by Mechanical Engg. Dept.

The proposal approved by Chairman Senate along with the syllabus of the courses are given in Annexure 2 (a, b and c respectively).

The Senate is requested to ratify.

**Resolution:** Ratified. The detail syllabus of Engineering Economics (MEL-447) to be offered by Mechanical Engg. Dept should be submitted to Dean (Acad.)

**Action Taken Report:** The detail syllabus from Co-ordinator of MEL-447 has been received. **(Annexure-II)**

### **S 44.04 To approve the proposal from BOS in Mathematics for starting new elective for M.Sc. students and contact courses for Ph.D students.**

a) The proposal from BOS in Mathematics for starting new elective "Algebraic topology" (MAL-538) for III rd Sem. M.Sc. students is placed in Annexure 3 (a)

- b) The proposal from BOS in Mathematics for starting new contact courses for Ph.D students:
  - i) "Theory of Micro polar couple stress fluid" (MAL-605)
  - ii) "High resolution Schemes for non linear partial differential equations" (MAL-608)

are given in Annexure-3(b)

APPEC has discussed and recommended to start these new courses.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** Implemented.

### **S 44.05 To approve the proposal for changing the name of Department of Applied Chemistry as "Department of Chemistry".**

The proposal for changing the name of Department of Applied Chemistry as "Department of Chemistry" is given in Annexure 4.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** Implemented.

### **S 44.06 To approve the proposal for changing the name of Department of Applied Physics as "Department of Physics".**

The proposal for changing the name of Department of Applied Physics as "Department of Physics" is given in Annexure 5.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** Implemented.

### **S 44.07 To approve the proposal received from Department of Electrical Engg. suggesting modification in the cover page of answer books of examination.**

The proposal received from Department of Electrical Engg. suggesting modifications in the cover page of answer books of examination is given in Annexure-6.

The APPEC has discussed and recommended the incorporation of modification.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** In Process.

S. Math

**S 44.08 To approve the proposal from BOS in Chemical Engg. for reviewing Credit structure of the course " Chemical Engg.- Thermodynamics II"(CML-225).**

The proposal from BOS in Chemical Engg. for reviewing Credit structure of the course " Chemical Engg.- Thermodynamics II"(CML-225) is placed in Annexure-7.

The APPEC has discussed and recommended that the proposal be accepted with a condition that the total number of tutorials not to exceed 6 and justification of tutorials be given in the Senate meeting.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal of reviewing Credit structure of the course " Chemical Engg.- Thermodynamics II"(CML-225) as 4-0-0 and directed BoS Chemical to resubmit the requirement of DE to APPEC.

**Action Taken Report:** The revised scheme submitted by the Chairman BoS Chemical Engg. is enclosed in (**Annexure-III**).

**S 44.09 To approve the proposal from Chairman BOS of Computer Science and Engg. for modification of courses of UG and PG.**

The proposal from Chairman BOS of Computer Science and Engg. for modification of courses of UG and PG is placed in Annexure-8.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** The BoS Comp.Sc. has submitted corrected scheme which takes care of balance in the credits of DE and DC courses. (**Annexure-IV**)

**S 44.10 To approve the proposal from Dean(R & C) regarding eligibility criteria for Ph.D for foreign national students.**

The proposal received from Dean(R & C) regarding eligibility criteria for Ph.D for foreign national students is placed in Annexure-9.

The APPEC has discussed and recommended that the proposal be accepted.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** Shall be implemented in next academic session (2017-18).

**S 44.11 To approve the proposal for Computerized progress card for Ph.D students.**

The Dean(R & C) has proposed to have Computerized progress card every semester for Ph.D students.

The APPEC has discussed and recommended that the proposal be accepted.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** Shall be implemented in next academic session(2017-18).

**S 44.12 To approve the proposal for institution of Dr.M.M.Basole award.**

Dr.M.M.Basole Retd., Head (Applied Mechanics Dept.) has given request to institute the Shri. M M Basole award for which he has given the sum of Rs.1.5 Lacs.

The details of award are given in Annexure-10.

The APPEC has discussed and recommended that the proposal be accepted.

The Senate is requested to discuss and approve the same.

**Resolution:** Senate approved the proposal.

**Action Taken Report:** Shall be implemented in next academic session(2017-18).

**S 44.13 To approve the proposal received from Prof.P.M.Padole about modification in the norms for industrial project of M Tech students.**

The proposal received from Prof.P.M.Padole about modification in the norms for industrial project of M Tech students is placed in Annexure-11.

The APPEC has discussed and observed that the amount of Rs.12400/- (stipend of M Tech student) is not a big amount for any good industry with adequate infrastructure for promoting effective industry institute interaction through M Tech project.

*The Senate is requested to discuss and approve the same.*

**Resolution:** *M.Tech. students need to render assistance to the institute for getting stipend and hence the proposal could not be approved by Senate.*

**Action Taken Report:** *Noted.*

*S 44.14 Any other item with the permission of the Chair.*

*S 44.14.01 To Approve the academic calendar for the year 2017-18.*

*The academic calendar for the year 2017-18 is given in Annexure-12.*

*The Senate is requested to discuss and approve the same.*

**Resolution:** *Senate approved the proposal with suggested changes.*

**Action Taken Report:** *Implemented.*

The Senate is requested to confirm action taken report.

**Resolution:** The action taken report is confirmed.

### **S45.03 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 Associate Professor/Assistant Professor of the Institute would be nominated by the Senate as BoG Members.

i) The term of present Board member, Dr.L.M.Gupta, Professor of Applied Mechanics has completed on 31st December 2016. Dr H T Thorat is the senior most Professor, who has yet not been nominated to BoG. Hence, Dr H T Thorat is being proposed as the Senate nominee for BoG amongst the Professor.

ii) The term of present Board member, Dr J D Ekhe, Professor of Chemistry is from 1st August 2015 to 31st July 2017. Dr J D Ekhe was a senior most Associate Professor, nominated to BoG as the Senate nominee amongst the Associate Professor. Subsequently, Dr J D Ekhe got promoted and joined as a Professor on 18th May 2016.

Hence, Senate is requested to deliberate.

**Resolution:** i) Dr.A.G.Keskar, Professor of Electronics and Communication Engg. has been nominated by Senate as BoG member, being a next senior HAG Professor.

ii) Senate resolved that Dr J D Ekhe, Professor of Chemistry will continue to be nominated to work as Senate nominee on BoG till the completion of his term i.e 31st July 2017.

### **S45.04 Nomination of External Members on Senate.**

Consequent to completion of term of non-institutional members, the nominations of external experts members is to be done. The NIT Act 14( d) stipulates that, "The Senate shall have three persons one of whom shall be woman, not being employee of the Institute, to be nominated by the Chairperson, in consultation with the Director from amongst educationalist of repute, one each from the field of Science, Engineering and Humanities."

Accordingly, the Institute has identified following 3 persons;

*Spsath*

1. Prof. Y N Reddy, Prof. of Mathematics, NIT Warangal.
2. Prof Ajit Kulkarni, Institute Chair Professor, Material Science and Metallurgical Engg. Dept, IIT Mumbai.
3. Prof(Mrs)Sneha Deshpande, Professor and Head Economics Department, RTM Nagpur University, Nagpur.

The Institute sought their willingness. The term of office of the nominated members is normally of two years.

The Senate is requested to approve.

**Resolution:** The senate approved the proposal and recommended these names to Chairman BoG.

**S45.05 Any other item with the permission of the chair.**

**S45.05.01 Table agenda suggested by Dr. S.B. Thombre, Prof. Mechanical Engg. Deptt.**

The table agenda suggested by Dr. S.B. Thombre, Prof. Mechanical Engg. Deptt. is enclosed in (*Annexure-V*).

The Senate is requested to deliberate.

**Resolution:** The senate resolutions are as given below:

- i)The present practice of DE courses of one department offered as DE courses by another department shall continue.
- ii)Regarding minimum CGPA requirements for the award of M.Sc. Degree, the issue has been deferred and it has been suggested to collect data about minimum CGPA requirement for M.Sc. program in other national institute and may be presented subsequently.
- iii) The proposal regarding compilation of instruction schemes with all the recent modifications incorporated has been approved by senate. The Dean(Acd.) has been requested to do the needful with the help of chairman BOS of all the departments.

The meeting concluded with vote of thanks to the chair.

*Behardhori*  
**Chairman**