



विश्वेश्वरय्या राष्ट्रीय प्रौद्योगिकी संस्थान, नागपूर - 440010
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR - 440 010

DRAFT MINUTES OF THE 47TH MEETING OF THE SENATE HELD ON 7TH SEPTEMBER, 2017 AT 4.00 pm IN THE SENATE HALL OF VNIT, NAGPUR.

The 47th Meeting of senate was held on Thursday, the 07th September, 2017 at 4.00 PM in the Senate Hall.

The following members were present;

| S. N. | Name | Designation / Department | |
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| 1 | Dr. Narendra S. Chaudhari, | Director, VNIT, Nagpur | Chairman |
| 2 | Prof Ajit Kulkarni, | Professor, Material Science and Metallurgical Engg. Dept, IIT Powai, MUMBAI - 400076 | Member |
| 3 | Professor Y.N. Reddy | Prof., Department of Maths Registrar I/c NIT, WARANGAL- | Member |
| 4 | Prof(Mrs)Sneha Deshpande, | Professor and Head Economics Department, RTM Nagpur University, Nagpur . | Member |
| Deans | | | |
| 5 | Dr. V. K. Deshpande | Dean (Academic), VNIT, Nagpur. | Member |
| 6 | Dr. P. M. Padole | Dean (Faculty Welfare), VNIT, Nagpur. | Member |
| 7 | Dr. Rajendra R. Yerpude | Dean (Planning & Development), VNIT, Nagpur. | Member |
| 8 | Dr. V. B. Borghate | Dean (Students Welfare), VNIT, Nagpur. | Member |
| 9 | Dr. Animesh Chatterjee | Dean (Research & Consultancy), VNIT, Nagpur. | Member |
| Heads | | | |
| 10 | Dr. G. P. Singh | Head, Mathematics Department VNIT, Nagpur | Member |
| 11 | Dr. V. S. Adane, | Head, Dept. of Architecture, VNIT, Nagpur | Member |
| 12 | Dr. J. D. Ekhe, | Head, Chemistry Department, VNIT, Nagpur | Member |
| 13 | Dr. Ashish Chaurasia | Head, Dept. of Chemical Engg., VNIT, Nagpur | Member |
| 14 | Dr. B . R. Sankapal | Head, Dept. of Physics, VNIT, Nagpur | Member |
| 15 | Dr. U.A. Deshpande, | Head, Dept. of Computer Sci. & Engg., VNIT, Nagpur. | Member |
| 16 | Dr. (Ms) M. Ghosal | Head, Dept. of Humanities, VNIT, Nagpur. | Member |

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| 17 | Dr. Shashikant B. Thombre, | Head, Dept. of Mechanical Engg., VNIT, Nagpur. | Member |
| 18 | Dr. M.K.Khedkar, | Head, Dept. of Electrical Engg., VNIT, Nagpur. | Member |
| 19 | Dr. Dilip R. Peshwe, | Head, Dept. of Metallurgical & Materials Engg., VNIT, Nagpur . | Member |
| 20 | Dr. N.R.Thote, | Head, Dept. of Mining Engg., VNIT, Nagpur. | Member |
| 21 | Dr. A. D. Ghare | Head, Department of Civil Engg., VNIT Nagpur. | Member |
| 22 | Dr. R.B.Deshmukh | Head, Centre for VLSI and Nanotechnology, VNIT, Nagpur. | Member |
| 23 | Dr. Kishore M. Bhurchundi, | Head, Dept. of Electronics & Communication Engineering, VNIT, Nagpur. | Member |
| Professors | | | |
| 24 | Dr. V. A. Mhaisalkar, | Professor of Civil Engineering, VNIT, Nagpur. | Member |
| 25 | Dr. A. R. Tembhurkar, | Professor, Dept. of Civil Engg., VNIT, Nagpur. | Member |
| 26 | Dr. Rajesh Gupta, | Professor of Civil Engg., VNIT, Nagpur. | Member |
| 27 | | | Member |
| | Dr. O. R. Jaiswal | Professor of Applied Mechanics, VNIT, Nagpur | Member |
| 28 | Dr. L. M. Gupta, | Professor of Applied Mechanics, VNIT, Nagpur. | Member |
| 29 | Dr. M. M. Mahajan, | Professor of Applied Mechanics, VNIT, Nagpur. | Member |
| 30 | Dr. Avinash G. Keskar, | Professor of Electronics & Communication Engg., VNIT, Nagpur. | Member |
| 31 | Dr. K. D. Kulat, | Professor of Electronics Engg., VNIT, Nagpur. | Member |
| 32 | Dr. Rajendra Patrikar, | Professor, Centre for VLSI and Nanotechnology, VNIT, Nagpur. | Member |
| 33 | Dr. A. M. Kuthe, | Professor of Mechanical Engg., VNIT, Nagpur. | Member |
| 34 | Dr H T Thorat | Professor of Mechanical Engg.,VNIT,Nagpur. | Member |
| 35 | Dr. M. V. Aware, | Professor of Electrical Engg., VNIT, Nagpur. | Member |
| 36 | Dr. A. P. Patil, | Professor of Metallurgical & Materials Engg., VNIT, Nagpur. | Member |
| Associate Deans | | | |
| 37 | Dr. Y. B. Katpatal, | Associate Dean (International Affairs) VNIT, Nagpur. | Invited Member |

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| 38 | Dr. Manish Kurhekar, | Associate Dean (MIS Network & Website), VNIT, Nagpur. | Invited Member |
| 39 | Dr. Vijay Kale, | Associate Dean (Electrical Works), VNIT, Nagpur. | Invited Member |
| 40 | Dr. Yogesh M. Deshpande | Associate Dean (PR), VNIT, Nagpur | Invited Member |
| 41 | Dr. P. S. Kulkarni, | Associate Dean (Exams), VNIT, Nagpur. | Invited Member |
| 42 | Dr. Anirban Mandal, | Associate Dean (Civil Works), VNIT, Nagpur. | Invited Member |
| 43 | Dr. Jatin Bhatt, | Associate Dean (T&P), VNIT, Nagpur. | Invited Member |
| 44 | Dr. P. P. Chakravarthy, | Associate Dean (Students Activities and Sports), VNIT, Nagpur | Invited Member |
| 45 | Dr. B. S. Umre, | Associate Dean (Hostel Affairs), VNIT, Nagpur. | Invited Member |
| 46 | Dr. Vilas Kalamkar | Associate Dean (III Cell & Alumni Activities), VNIT, Nagpur. | Invited Member |
| 47 | Dr. Shailesh R. Sathe, | Registrar, VNIT, Nagpur. | Member |

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. R. K. Ingle, HoD, Applied Mechanics and Dr. Abhay S Gandhi, Prof., Electronics and Communication Engg. submitted leave of absence.

Dr. G. N. Ronghe, Professor of Applied Mechanics Dr. H. M. Suryawanshi, Professor of Electrical Engg., Dr. S. G. Sapate, Professor of Metallurgical & Materials Engg., Dr. O. G. Kakde, Professor of Comp. Sc. and Engg., Dr. Sachin Bakre, Associate Dean (Procurement and Stores), Dr. S. S. Umare, Professor, Chemistry Department, could not attend the meeting.

The Chairman, Senate extended warm welcome to Prof. Y. N. Reddy, Prof. of Maths, NIT Warangal for attending 47th Senate Meeting.

The Chairman, Senate also extended warm welcome to Prof. N. R. Thote, HoD Mining, Dr. R. B. Deshmukh, Head CVN and thanks to Dr. I. L. Muthreja and Prof. R. M. Patrikar for their valuable contribution to Senate.

The Minutes of the 47th Meeting are as follows :

S47.01 To note and confirm the minutes of the 46th meeting of the Senate held on 8th June 2017.

The minutes of the 46th meeting of the Senate (**Annexure-I**) were circulated to all the members.

The Senate is requested to confirm the minutes.

Resolution: The Minutes of 46th Senate Meeting are confirmed with the note that the silence of Two minutes was observed to pay condolence to Late Dr. Alpana Dongre.

S47.02 To note and confirm the Action Taken Report on resolutions of the 46th meeting of the Senate.

S46.03 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) As per item no 45.01, Dr.A.G.Keskar : 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.

Hence, Senate is requested to nominate one Associate Professor/Assistant Professor of the Institute as BoG Members from 1st August 2017 in place of Dr J D Ekhe since he got promoted as Professor of Chemistry.

Resolution: The Senate approved the nomination of Dr. Vilas K. Bakde, Associate Professor, Arch. Deptt. as a Teacher Nominee for BoG.

Action Taken Report: Implemented.

S46.04 To ratify items approved by Hon. Director

The Chairman Senate has approved the following open courses for the students of various departments:

- a) Offering the course MEL 447: Engineering Economics in Winter 2017(Annexure-2A)
- b) Approval for open elective course MEL 446: Product Design for UG students 5th and 7th Semester (Annexure-2B)
- c) Closure of Admission of M.Tech under DASA(Annexure-2C)

The Senate is requested to ratify.

Resolution: Ratified.

Action Taken Report: Implemented.

S46.05 To approve the modification in the M.Tech VLSI scheme.

The modification in the M.Tech VLSI scheme are placed in Annexure-3. The Senate is requested to approve.

Resolution: Approved.

Action Taken Report: Implemented.

S46.06 To approve the proposals received from chairman BoS, Metallurgical and Materials Engg.

The proposals received from chairman, BoS, MME regarding following issues are placed in Annexure- 4.

- a) The BoS MME has proposed to start new M.Tech Program on "Process Metallurgy" as approved by BoS, MME.
- b) i)BoS MME has proposed the revised syllabus of MML 212(Mineral Dressing) and renamed it as MML225 "Mineral Processing Technology" and MMP 212 "Mineral dressing Lab" at UG (B.Tech) level as MMP 225 " Mineral Processing Technology Lab."
ii)BoS MME proposed to revise the Syllabus of MML-510 Welding Technology and replaced it as "MML-546 Welding and Joining".

c) BoS MME proposed to add New Elective MML499 "Aluminum Technology" to be offered by JNARDDC Nagpur at UG Level.

The Senate is requested to deliberate and approve.

Resolution: Senate approved the proposal with a decision that the proposed M.Tech. Programme on Process Metallurgy shall be implemented after due approval of BoG from the academic session 2018-19.

Action Taken Report: The proposal will be placed in BoG meeting.

S46.07 To discuss and approve the proposal from BOS Civil Engineering.

The proposal from BOS Civil Engineering regarding addition of new elective course CEL-408: Construction Site Administration & Control for B.Tech (Civil) 7th Semester is placed in Annexure-5.

The Senate is requested to discuss and approve.

Resolution: Approved.

Action Taken Report: Noted.

S46.08 To approve Modified Norms for handling the cases of Unfair means.

The Modified Norms for handling the cases of Unfair means are enclosed in Annexure-6.

The Senate is requested to discuss and approve.

Resolution: : Senate approved the modified norms for handling the cases of unfair means with a correction in Point No. 13 i.e. "If the students is caught copying second time then his/her performance in the exam of all the subjects of that semester will be made null and void."

Also it is resolved to make this ordinance as a part of academic rule book.

Action Taken Report: The modified norms will be implemented w.e.f. from academic session 2017-18.

S 46.09 To discuss and approve the items proposed by Dean (R&C).

The proposal from Dean (R&C) is enclosed in Annexure-7 regarding the Guidelines for Ph.D. applicants from Foreign Nationals.

The Senate is requested to discuss and approve.

Resolution: Senate approved the eligibility criteria and general conditions for admission of Foreign Nationals to Ph.D. programme at VNIT with the following correction.

Applicant must have Passport issued by respective country for programme duration and Indian VISA.

Action Taken Report: Noted.

S 46.10 To discuss and approve the norms for internship to be offered to students at VNIT.

The Hon. Director has constituted a committee for preparing the norms for internship to be offered to students at VNIT. The recommendations of the committee for the same are enclosed at Annexure-8.

The Senate is requested to discuss and approve.

Resolution: Senate suggested to withdraw the item and resubmit the same after proper modification.

Action Taken Report: Noted.

S 46.11 Continuation of Ph.D. fellowship to JRF under sponsored project.

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In reference to senate resolution S 41.11, it is proposed that Ph.D. students getting selected from sponsored project as JRF candidate should be considered as Full time Ph.D. student (with project fellowship) whereas other full time Ph.D. students will continue to be considered as Full time Ph.D. student (with Teaching Assistantship). For the candidate admitted from sponsored project, JRF fellowship will be provided from project funding only. Hence on completion of one project, it is responsibility of the faculty coordinator to continue the fellowship with funding from other project(s) for such a candidate.

The Senate is requested to discuss and approve.

Resolution: Senate approved the item and it will be implemented for all the students. (JRF who would join projects from 9th June, 2017 onwards).

Action Taken Report: Noted.

S 46.12 Any other matter with permission of chair

S 46.12.01 Provision of Co-Guide for faculty of I.I.Ts/NITs for Ph.D students of VNIT on reciprocal basis.

Some of the IITs (viz Bombay) have a provision of having a Co-Guide from NITs. The same should be permitted at VNIT. Also, VNIT faculty members may be permitted to work as Co-Guide for Ph.D students working at IITs/NITs.

The Senate is requested to deliberate and approve.

Resolution: Resolution approved. Senate decided that the procedure for this item shall be evolved and the interested faculty members should obtain the prior permission.

Action Taken Report: Noted.

Resolution: The Senate confirmed action taken report.

S 47.03 Items for Ratification.

i) To Ratify the commencement of contact course "Advanced Approximation Theory" (MAL 609) for Ph D students offered by Dept. of Maths.

The Proposal is at **Annexure-II**.

ii) To Ratify the proposal received from Chairman BOS, Mechanical Engineering.

The Proposal received from Chairman, BOS, Mechanical Engg. for starting Departmental Electives for PG Programs M.Tech in Heat Power Engg. and M.Tech in CAD CAM Engineering:

A) Multi- Phased FLOW (MEL-525)

B) Hydraulics and Pneumatics (MEL-527)

C) Hydraulics and Pneumatics Lab.(MEP-527)

The detailed Proposal is at **Annexure-III**.

Senate is requested to Ratify.

Resolution: Ratified.

S47.04 To Approve the proposal received from Chairman BOS Civil Engg.

i) The Chairman BOS Civil Engg. has put up a proposal for incorporating minor changes in the Existing Syllabus of following courses:

- a) AML-262 and AMP 262-Mechanics of Solids(Third Sem.)
- b) AML-466: Design of Advanced Steel Structures (Eight Sem.)
- c) CEL-368: Advanced Hydraulics (Sixth Sem.)
- d) CEL-214: Hydraulics Engg.(Fourth Sem.)
- e) CEL-315:Fluid Mechanics (Fifth Sem.)

the details of above courses are enclosed in **Annexure-IV**.

ii) The Chairman BOS Civil Engg. has put up a proposal for addition of following new courses to B.Tech Civil Engg. with effect from Even Sem. of 2017-18 Session:

- a) AML-364 :Advanced Mechanics of Solids, **DE** (Third Sem.)
- b) AML-365: Design of Masonry Structures ,**DE** (Fifth Sem.)
- c) AML-468: Maintenance and Rehabilitation of Civil Engg. Structures. **DE** (Seventh Sem.)
- d) AML-469: Basics of Finite Elements Method,**DE**(Eighth Sem.)
- e) CEL-429: Hydraulic Transients, **DE** (Seventh Sem.)

the details of which are enclosed in **Annexure-V**.

The Senate is requested to approve.

Resolution: Approved.

S47.05 To approve the list of Students for the award of degree in the 15th Convocation scheduled on 15th Sept. 2017.

The list of students eligible for the award of various degrees is given in **Annexure VI**. Senate is requested to approve the same.

Resolution: The Senate approved the list of students for the award of Degrees during 15th Convocation scheduled on 15th September, 2017. The Senate authorized the Chairman, Senate to approve the list of additional Ph.D degree recipients whose notifications are issued till 11th September 2017.

S 47.06 To approve the list of medal and award winners for 15th Convocation scheduled on 15th Sept. 2017.

The list of medal and award winners is placed at **Annexure VII**.

Senate is requested to approve the same.

Resolution: Approved.

S 47.07 Any other item with the permission of the Chair.

Nil

The meeting concluded with thanks to the chair.

Behadhai
Chairman

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