



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

DRAFT MINUTES OF 43rd MEETING OF THE SENATE HELD ON 13th September 2016 AT 12.00 NOON IN THE SENATE HALL OF V.N.I.T., NAGPUR.

The 43rd Meeting of senate was held on Thursday the 13th September 2016 at 12.00 NOON in the senate Hall.

The following members were present;

| S. N. | Name of Senate Members | Designation / Department | |
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| 1 | Prof. Narendra S. Chaudhari, | Director, VNIT, Nagpur | Chairman |
| 2 | Dr. Kamal Singh, | Ex.VC, SGBAU, Amrawati | Member |
| 3 | Prof.V.K.Deshpande | Dean (Academics), VNIT, Nagpur | Member |
| 4 | Prof. R. R. Yerpude | Dean (Planning & Development), VNIT, Nagpur | Member |
| 5 | Prof. Animesh Chatterjee | Dean (Research & Consultancy), VNIT, Nagpur | Member |
| 6 | Prof. V. B. Borghate | Dean (Students Welfare), VNIT, Nagpur | Member |
| 7 | Prof. R. K. Ingle | HoD, Deptt. of Applied Mechanics, VNIT, Nagpur | Member |
| 8 | Prof. Abhay S. Gandhi, | HoD, Deptt. of Electronics Engineering, VNIT, Nagpur | Member |
| 9 | Prof. Dilip R. Peshwe, | HoD, Deptt. of Metallurgical & Materials Engg., VNIT, Nagpur | Member |
| 10 | Prof.A.D.Ghare | HoD, Deptt. of Civil Engg., VNIT, Nagpur | Member |
| 11 | Prof. J. D. Ekhe | HoD, Deptt. of Chemistry , VNIT, Nagpur | Member |
| 12 | Prof. (Mrs.) Rajashree Kotharkar | HoD, Dept. of Architecture, VNIT, Nagpur | Member |
| 13 | Prof. R. M. Patrikar | Professor and Head, Centre for VLSI and Nano Technology, VNIT, Nagpur | Member |
| 14 | Prof. S. R. Bhide | HoD, Department of Electrical Engg. , VNIT, Nagpur | Member |
| 15 | Prof. G. P. Singh | HoD, Deptt. of Mathematics, VNIT, Nagpur | Member |
| 16 | Prof. A. M. Kuthe | HoD, Deptt. of Mechanical Engg. , VNIT, Nagpur | Member |
| 17 | Prof. O. R. Jaiswal | Professor of Applied Mechanics, VNIT, Nagpur | Member |
| 18 | Dr. Ashish Chourasia | HoD, Deptt. of Chemical Engg. , VNIT, Nagpur | Member |
| 19 | Dr.B.R.Sankapal | HoD, Deptt. of Physics, VNIT, Nagpur | Member |

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| 20 | Dr. I. L. Muthreja | Head, Department of Mining Engg, VNIT Nagpur | Member |
| 21 | Prof. V. A. Mhaisalkar | Professor of Civil Engg, VNIT Nagpur | Member |
| 22 | Dr. U. A. Deshpande, | Head, Dept.of Computer Science, VNIT Nagpur | Member |
| 23 | Dr.(Ms)M. Ghosal, | HoD, Deptt. of Humanities, VNIT Nagpur | Member |
| 24 | Prof. L. M. Gupta | Professor of Applied Mechanics, VNIT, Nagpur | Member |
| 25 | Prof. A. G. Keskar | Professor of Electronics, VNIT, Nagpur | Member |
| 26 | Prof. M. M. Mahajan | Professor of Applied Mechanics, VNIT, Nagpur | Member |
| 27 | Prof. M. V. Aware | Professor, Department of Electrical Engg, VNIT Nagpur | Member |
| 28 | Prof. Rajesh Gupta | Professor of Civil Engineering, Civil Engg., VNIT Nagpur | Member |
| 29 | Prof. N. R. Thote | Professor of Mining Engg, VNIT Nagpur. | Member |
| 30 | Prof. Alpana Dongre | Professor of Architecture and Planning | Member |
| 31 | Prof. V. S. Adane | Professor of Architecture, VNIT, Nagpur | Member |
| 32 | Prof. Shashikant B. Thombre | Professor of Mechanical Engg, VNIT, Nagpur | Member |
| 33 | Prof. Y. B. Katpatal | Professor of Civil Engg, VNIT, Nagpur | Member |
| 34 | Prof. R. B. Deshmukh | Professor, Centre of VLSI and Nano Technology, VNIT, Nagpur | Member |
| 35 | Prof. S. G. Sapate | Professor, Department of Material and Metallurgical Engg., VNIT, Nagpur | Member |
| 36 | Prof.K. Bhurchundi | Assoc. Dean, VNIT Nagpur | Member |
| 37 | Dr. Manish Kurhekar | Assoc. Dean, VNIT, Nagpur | Invited Member |
| 38 | Prof. Kishore D. Kulat | Assoc. Dean, VNIT, Nagpur | Member |
| 39 | Dr. P. S. Kulkarni | Assoc. Dean, VNIT, Nagpur | Invited Member |
| 40 | Dr. P. P. Chakravarthy | Assoc. Dean, VNIT, Nagpur | Invited Member |
| 41 | Dr. B. S. Umre | Assoc. Dean, VNIT, Nagpur | Invited Member |
| 42 | Dr. Jatin Bhatt | Assoc. Dean ,VNIT, Nagpur | Invited Member |
| 43 | Dr.Anirban Mandal | Assoc. Dean ,VNIT, Nagpur | Invited Member |
| 44 | Dr.Vilas Kalamkar | Assoc. Dean ,VNIT, Nagpur | Invited Member |

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| 45 | Dr.Vijay Kale | Assoc. Dean ,VNIT, Nagpur | Invited Member |
| 46 | Prof.S. R. Sathe | Registrar, VNIT, Nagpur | Member-Secretary |

Shri. D M. Parate, Dy. Registrar Academics attended the meeting as special invitee.

Dr. Milind Atrey, Professor of Mechanical Engg., IIT Mumbai, Prof. P. M. Padole , Dean (Faculty Welfare), Dr. Meenakshi Gupta, Prof. of Humanities, IIT Mumbai, Prof. A. R. Tembhurkar, Professor of Civil Engg, Dr.M.K.Khedkar,Prof.of Electrical Engg. , Dr.Yogesh M. Deshpande, Professor of Humanities, Prof. H. M. Suryawanshi, Professor in Electrical Engg, Dr.K.L.Wasewar,Prof.of Chemical Engg., Prof. S. S. Umre, Professor of Chemistry, Prof. Girish N. Ronghe, Professor of Applied Mechanics, Prof.A. P. Patil, Professor of Metallurgical & Materials Engg.,Dr. N.V. Deshpande, Professor Mechanical Engg., Dr. Sachin Bakre, Assoc. Dean and Shri. K. N. Dakhale, Dy. Registrar (Stores and Exam) and Smt. A. A. Ansingkar, Asst. Registrar, Exam could not attend the meeting.

The minutes of the 43rd Senate meeting are as follows:

S43.01 To note and confirm the minutes of the 42nd meeting of the Senate held on 21st July 2016.

The minutes of the 42nd meeting of the Senate (Annexure-I) were circulated to all the members. The Senate is requested to confirm the minutes.

Resolution: Minutes of 42nd Senate are approved.

S43.02 To note and confirm the Action Taken Report on resolutions of the 42nd meeting of the Senate.

S42.03 Items for ratification-The following items received from Chairman, BOS of various departments are approved by Chairman, Senate after recommendation of APPEC to facilitate course registration of July - December Semester.

S42.03.01To ratify additional degree recipients approved by the Chairman, Senate after the last Senate meeting prior to Convocation of 2015.

The list of candidates approved by the Chairman, Senate after the last Senate meeting prior to Convocation of 2015 is placed in Annexure -II.

The Senate is requested to ratify.

Resolution: Ratified.

Action Taken Report: Noted.

S42.03.02 To ratify M.Tech. (STR) and M.Tech.(SDEE) Schemes.

The revised schemes of M.Tech.(STR) and M.Tech.(SDEE) are given in Annexure-III (A) and Annexure-III (B) respectively.

The Senate is requested to ratify.

Resolution: Ratified.

Action Taken Report: Revised schemes are uploaded on institute website.

S42.03.03 To ratify B Tech (Chemical Engg.) and M.Tech.(Chemical Engg.) Schemes.

The revised schemes of B Tech (Chemical Engg.) and M.Tech.(Chemical Engg.) are given in Annexure-IV (A) and Annexure-IV (B) respectively.

The Senate is requested to ratify.

Resolution: Ratified with following correction in Annexure-IV:

Draft Minutes of 43rd Senate Meeting held on 13th September 2016 at 12.00NOON
Page 3 of 7

Spsath

i) In B.Tech.Sem.III, MAL-205 Numerical methods and Probability Theory to be replaced by MAL-203 Numerical Methods and Computation.

ii) In B.Tech.Sem.IV, MAL-205 Numerical methods and Probability Theory to be replaced by MAL-208 Numerical Methods and Statistical Methods.

Further, the senate requested BOS (Chemical Engg.) to submit corrected scheme before the beginning of next Sem.

Action Taken Report: Corrections as per resolution incorporated.

S42.03.04 To ratify modification in M Sc (Physics) Scheme.

The revised scheme of M.Sc.(Physics) is given in Annexure-V.

The Senate is requested to ratify.

Resolution: Ratified.

Action Taken Report: Noted.

S42.03.05 To ratify the changes in B.Tech.(Computer Science Engg.) and M.Tech. (Computer Science Engg.) Schemes.

The changes in schemes of B.Tech.(Computer Science Engg.) and M.Tech.(Computer Science Engg.) are given in Annexure-VI (A) and Annexure-VI (B) respectively.

The Senate is requested to ratify.

Resolution: Ratified with correction that instead of MAL 205 the department of Maths. will offer MAL 208 Numerical Methods and Statistical Methods.

Action Taken Report: Corrections incorporated.

S42.03.06 To ratify the modified scheme of B.Tech. (Mechanical Engg.)

The modified scheme of B Tech (Mechanical Engg.) is given in Annexure-VII.

The Senate is requested to ratify.

Resolution: Ratified.

Action Taken Report: Noted.

S42.03.07 To ratify syllabus of the revised scheme of B.Arch.

The revised scheme of B.Arch. is given in Annexure-VIII.

The Senate is requested to ratify.

Resolution: Ratified.

Action Taken Report: Noted.

S42.03.08 To ratify the revised M.Tech.(Communication System Engineering) Scheme of ECE department.

The revised schemes of M.Tech.(Communication System Engineering) Scheme of ECE department is given in Annexure-IX.

The Senate is requested to ratify with a correction that MAL 504 be read as MAL 503 and MAL 505 be read as MAL 504.

Resolution: Ratified.

Action Taken Report: Noted.

S42.03.09 To ratify syllabus of Basic German(HUL 302) department of Humanities.

The course and syllabus of Basic German(HUL 302) of department of Humanities is given in Annexure-X.

The Senate is requested to ratify.

Resolution: Ratified.

Action Taken Report: Noted.

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S42.04 To Approve the proposal from BOS Civil Engg. for starting new elective courses.

BOS of Civil Engg. has sent a proposal to start two new electives (CEL 5XX - Introduction to Climate Change and CEL 510 - Environment Management) for M Tech programs from July 2016 semester. The details are given in Annexure XI. These courses were discussed and recommended by the APPEC.
BoS of Civil Engg. has also sent a proposal to start new elective course CEL 4XX - Introduction to Soil Dynamics, in B Tech 7th / 8th Semester. Details are given in Annexure XI.

BoS of Civil Engg. has also sent proposal to modify the M.Tech. (Transportation Engg) scheme. Details are given in Annexure XI.

The Senate is requested to deliberate and issue guidelines.

Resolution: Senate approved the proposal and suggested to finalize course code along with Exam. section.

Action Taken Report: Course code Finalized.

S42.05 Review of credit structure of Course CML 393 - Innovative Design.

Vide Senate resolution No. 41.04, the credit structure of course CML 393 (Innovative Design) was to be approved by the Chairman Senate for the Summer 2016 semester after discussion with the course co-coordinator. Further, for the next academic session, the course Co-coordinator has suggested credit structure as 1-1-2 for 3 credits.

Senate is requested to give suggestions and approve.

Resolution: Senate approved the proposal with a credit structure as 2-0-2 for 3 credits.

Action Taken Report: Noted.

S42.06 Eligibility criteria for admission of foreign students for Ph D Program at VNIT

The institute has received four applications for Ph.D. program from foreign students. At present, the Indian students are selected for Ph.D. program on the basis of GATE score. However, for foreign students, there are no guidelines. The Senate is requested to deliberate and advice.

Resolution: Senate approved the proposal and requested Dean(R&C) to work out guidelines along with Dr.K.Bhurchundi, Associate Dean.

Action Taken Report: In Process.

S42.07 Nomination on APPEC

a) Since the tenure of Prof. M V Aware and Prof. A Chatterjee as a member APPEC is over, two new members of senate are to be nominated.

The Senate is requested to nominate the same.

b) It is proposed that the Associate Dean (Exam) be inducted as the member of APPEC.

c) Since Prof.V.K.Deshpande, (Ex.HOD Physics Department) who is APPEC member, has taken over a Charge of Dean(Acd.) from 1st July 2016, it is proposed that Dr.B.R.Sankapal, HOD Physics Department shall be a member of APPEC for remaining tenure i.e upto 30th June 2017.

d) Prof.O R Jaiswal as immediate past Dean (Acd.) shall be member of APPEC in place of Prof. R.M.Patrikar.

The Senate is requested to approve b, c and d.

Resolution: Senate approved the following nominations on APPEC:

a) Prof.S.G.Sapate and Prof.Y.B.Katpatal in place of Prof. M V Aware and Prof. A Chatterjee respectively.

b) Associate Dean (Exam) will be inducted as the invited member of APPEC.

c) Dr.G.P.Singh will be APPEC member in place of Dr.V.K.Deshpande since he has taken over the charge as Dean(Acd) for a period of one year.

d) Prof.O.R.Jaiswal as immediate past Dean (Acd.) shall be member of APPEC in place of Prof. R.M.Patrikar.

Action Taken Report: Noted.

S42.08 Guidelines for instituting award for meritorious students

The proposed guidelines for instituting award for meritorious students discussed and recommended by APPEC are given in Annexure-XII.

The Senate is requested to deliberate and advice.

Resolution: Senate approved the proposal.

Draft Minutes of 43rd Senate Meeting held on 13th September 2016 at 12.00NOON
Page 5 of 7

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Action Taken Report: Noted.

S42.09 Proposal from HOD Applied Mechanics regarding M.Tech. Three years program.

The proposal received from HOD Applied Mechanics regarding M.Tech. Three years program is given in Annexure-XIII.

The APPEC noted that in the present practice the student is available to Dept for lab work for two years. If the course work is spread over four sem., then some of the courses of higher sem. which have pre requisite cannot be registered.

Moreover, now there are very few students with M.Tech. three year program, hence APPEC opined that the present practice shall continue.

The Senate is requested to deliberate and advice.

Resolution: Senate resolved that the present practice should continue.

Action Taken Report: Noted.

S42.10 Proposal for contact courses for Ph.D. students.

Proposal for contact courses i) MAL 605 Fixed Point Theory and applications ii) MAL-606 Cosmology, for Ph.D. students of Mathematics dept. has been received from Chairman BOS Maths. (Annexure-XIV)

The Senate is requested to deliberate and advice.

Resolution: Senate approved with a condition that any student who has completed the pre-requisites should be allowed to register for the contact courses.

Action Taken Report: Noted.

S42.11 Minor Modification in the format of Degree and grade card awarded by VNIT

A Committee constituted under the chairmanship of Secretary Senate has proposed following minor modifications in the format of degrees awarded by VNIT.

- a) Day of Convocation to be printed on the degree along with the date.
- b) CGPA on the scale of 10 to be printed on the degree.
- c) Medium of instruction (English) to be printed on the grade card.

The Senate is requested to approve the same.

Resolution: Senate approved the proposal.

Action Taken Report: Implemented for 14th Convocation.

S42.12 Any other point with the permission of the chair.

S42.12.01 Table Agenda: To approve the syllabus for DE course at Ph.D level-ARL 605.

BOS of Department of Architecture and Planning has sent a proposal regarding DE course at Ph.D level-ARL 605 Planning for Disaster Risk Resilience(Annexure-XV).

The Senate is requested to approve the same.

Resolution: Senate approved the proposal.

Action Taken Report: Noted.

S42.12.02 Table Agenda: Consideration of joint Ph.D program under BRICS.

The proposal to approve in principal a joint Ph.D program under BRICS was submitted by Prof.V.A.Mhaisalkar. (Annexure-XVI)

The Senate is requested to approve the same.

Resolution: The Senate approved the proposal in principle. The modalities shall be worked out.

Action Taken Report: In Process.

Resolution: The action taken report is confirmed.

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S 43.03 To approve the list of Students for the award of degree in the 14th Convocation scheduled on 15th Sept. 2016.

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

Resolution: Senate approved the list.

S 43.04 To approve the list of medal and award winners for 14th Convocation scheduled on 15th Sept. 2016.

The list of medal and award winners is placed at Annexure III. Senate is requested to approve the same.

Resolution: Senate approved the list.

S 43.05. Any other item with the permission of the Chair.

S 43.05.01 Table Agenda:

To approve the list of additional degree recipients.

The additional list of Ph.D degree recipients is placed in Annexure -IV.(Notifications issued upto 12th September 2016).

The Senate is requested to approve.

Resolution: Senate approved the list.

S 43.05.02 Table Agenda:

The constitution of committee to workout Modalities for joint Ph.D program under BRICS.

Resolution:

The chairman Senate constituted the following committee to workout modalities for Joint Ph.D Program under BRICS.

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|-----------------------|----------|
| Prof. V.A. Mhaisalkar | Chairman |
| Prof. A. Chatterjee | Member |
| Prof. D. R. Peshwe | Member |
| Prof. K. Bhurchundi | Member |
| Prof. J. D. Ekhe | Member |

The committee can Co-opt any additional members, if required, and submit the report at the earliest.

The meeting concluded with vote of thanks to the chair.


Chairman-Senate.

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