



Minutes of the 12th Senate Meeting

12th SENATE meeting of National Institute of Technology Agartala was held on 20th May, 2013 in the conference hall of NIT, Agartala at 11.30 am. and the following members were present:

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|-----|--|----------|
| 01. | Prof. Probir Kumar Bose Director, NIT Agartala | Chairman |
| 02. | Prof. Nilanjana Gupta Dean, Faculty of Arts Jadavpur University | Member |
| 03. | Prof. Kehar Singh Department of Physics IIT Delhi | Member |
| 04. | Prof. Manoj Mitra Professor of Metallurgy & Dean of Engg. Jadavpur University | Member |
| 05. | Dr. Subhas Chandra Saha Professor (ME) NIT Agartala | Member |
| 06. | Dr. Ajit Kumar Roy Professor (HU) NIT Agartala | Member |
| 07. | Prof. R. P. Sharma Professor (CE) NIT Agartala and Dean Academic | Member |
| 08. | Prof. Kamakhya Prasad Ghatak Professor, (ECE) NIT Agartala and HOD ECE | Member |
| 09. | Head of the Department Civil Engineering Department NIT, Agartala | Invitee |
| 10. | Head of the Department Mechanical Engineering Department NIT, Agartala | Invitee |
| 11. | Head of the Department Electrical Engineering Department NIT, Agartala | Invitee |
| 12. | Head of the Department Computer Sc & Engineering Department NIT, Agartala | Invitee |
| 13. | Head of the Department Electronics & Inst. Engineering Department NIT, Agartala | Invitee |
| 14. | Head of the Department Production Engineering Department NIT, Agartala | Invitee |
| 15. | Head of the Department School of Hydro-Informatics NIT, Agartala | Invitee |

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- | | | |
|-----|--|-------------------|
| 16. | Head of the Department Chemistry Department NIT, Agartala | Invitee |
| 17. | Head of the Department Physics Department NIT, Agartala | Invitee |
| 18. | Head of the Department Mathematics Department NIT, Agartala | Invitee |
| 19. | Head of the Department Humanities Department NIT, Agartala | Invitee |
| 20. | Faculty in-charge School of Energy Studies | Invitee |
| 21. | Faculty in-charge School of Seismic Science & Engg. | Invitee |
| 22. | Faculty in-charge School of Automotive Engg. | Invitee |
| 23. | Controller of Examinations NIT, Agartala | Invitee |
| 24. | Sri Sumanta Chakraborti Registrar (I/C), NIT Agartala | Secretary, SENATE |

Prof. (Dr.) P. K. Bose, Director & Chairman, SENATE, NIT Agartala welcomed all the members present in the meeting. He specially welcomed Prof. Manoj Kumar Mitra of Jadavpur University, to attend the SENATE meeting of NIT Agartala for the first time. He also welcomed Prof. Kehar Singh of IIT Delhi and Prof. Nilanjana Gupta of Jadavpur University for attending the 12th SENATE meeting of NIT Agartala. Welcoming all the invited members Prof. Bose requested the members present to take part in the discussion.

After the opening remark of Chairman, SENATE, Sri Sumanta Chakraborti, Secretary, SENATE welcomed all the members for attending the meeting and initiated the agenda wise discussion. He invited Prof. R.P. Sharma (Dean, Academic Affair) to detail the agenda points placed for consideration of SENATE.

Item No. S/12/01 Confirmation of the Minutes of the 11th Meeting of Senate held on 10th October, 2012.

The minutes of the 11th meeting of SENATE held on October 10, 2012 were confirmed.

Item No. S/12/02 Action taken report on the decisions of 11th meeting of Senate has been given in

Action taken report on the decisions of 11th meeting of SENATE held on October 10, 2012 were perused, noted and approved.



Item No. S/12/03

Ratification of result of Ph.D in Engineering in the Department of Electronics & Communication and Electrical Engineering for awarding Ph.D Degree in the 5th Convocation.

Publication of result of Ph.D of Mr. Chinnamuthu P. under the supervision of Dr. Aniruddha Mondal in Engineering in the Department of Electronics & Communication Engineering and Mrs. Sumita Deb under the supervision of Dr. Ardhendu Saha in Electrical Engineering for awarding Ph.D Degree in the 5th Convocation were approved.

Item No. S/12/04

Consideration and ratification of awarding degree to the students who passed B.Tech even semester (Supplementary) examination, 2012 for awarding degree in the 5th convocation.

The result of B.Tech even semester examination (supplementary) published on 21/12/2012 of 5(five) students given below were approved. It was also approved to award degree to 5(five) successful students in the 5th convocation.

| Sl | Enrollment No. | Name | CPI |
|----|----------------|--------------------------|------|
| 1 | 0610210 | Jeeven Debbarma | 5.21 |
| 2 | 0810257 | Tapajyoti Deb | 5.37 |
| 3 | 0510355 | Jyotish Chandra Debbarma | 4.97 |
| 4 | 0810336 | Payel Das | 4.96 |
| 5 | 0810548 | Sourav Dey | 5.63 |

Item No. S/12/05

Consideration and ratification of academic calendar for the year 2013-14.

The Academic Calendar for the year 2013-14 was ratified.

Item No. S/12/06

Consideration and ratification of modification of Rule-8.5 (b) and Rule 12 of B.Tech regulations.

The SENATE ratified the amendment of the Provision of rule 8.5 (b) and rule 12 of B.Tech regulations as follows:

| Text of the present provision of Rule 8.5 (b) of B.Tech regulations | Amended Provision |
|---|---|
| Rule 8.5(b): If any student fails in Laboratory / Practical Subject he/she shall not be allowed to sit for any examination of theory paper. | Students failing in practical subjects will be awarded F grade. Such students will be required to re-register for those subjects in |



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the next appropriate semester.

| Text of the present provision of rule 12 of B.Tech regulations | Amended Provision |
|--|---|
| Rule 12: If at the end of any 2 (two) semesters (one academic year) a student has scored F and FA grade in 4 (four) or more theory subjects he/ she will not be permitted to register for the next semester subjects and will have to register for those subjects in which he she scored F and FA grades in the first 2 (two) semesters. | If at the end of any 2 (two) semesters (one academic year) a student has scored F and FA grade in 4 (four) or more theory and practical subjects he/ she will not be permitted to register for the next semester subjects and will have to register for those subjects in which he she scored F and FA grades in the first 2 (two) semesters. |

Item No. S/12/07

Consideration and ratification of Memorandum of declaration of Ph.D result.

The 2 (two) Memoranda for declaration of result of Ph.D degree under the signature of Registrar and Director & Chairman SENATE respectively placed before the SENATE were ratified.

Item No. S/12/08

Consideration and ratification of increase of intake of MCA programme from 20 to 40 from 2013-14.

The increase of seat in MCA programme from 20 to 40 from the year 2013-14 was ratified.

Item No. S/12/09

Consideration and ratification of starting of Ph.D programme in Computer Sc. & Engg. from 2013-14.

Starting of Ph.D programme in the Institute in Computer Science & Engineering Department from 2013-14 was ratified.

Item No. S/12/10

Inclusion of 3 more elective papers in 2-year M.Sc programme in Physics and syllabus thereof.

The SENATE approved starting of the following 3 (three) elective papers in 2-years M.Sc programme in Physics from 2013-14:

Microwave Devices and Techniques.
Physics of Semiconductor Devices.



Spintronics and Devices.

The SENATE suggested that appropriate number of lectures to be allotted to each of the electives to be specified and the syllabus to be detailed. This issue is to be discussed elaborately in the workshop going to be organized in the Institute shortly and finalized after the deliberations.

Item No. S/12/11

Consideration and approval of inclusion of “Power quality and its application” as one of the elective subjects in PG programme of Electrical Engineering Department.

The SENATE approved inclusion of the following elective subject in the PG programme of Electrical Engineering Department:

Power Quality and its application.

The SENATE also suggested that the reference books and Journals for the elective should be specifically mentioned.

Item No. S/12/12

Consideration and approval of Rules & Regulations of 5-year integrated M.Sc programme in Physics, Chemistry and Mathematics.

The SENATE approved the rules and regulations of 5 (five) year integrated M.Sc programme with the following suggestions:

- i. As the content of the course seems to be application oriented, the programme may be named as integrated M.Sc programme in Applied Physics, Applied Chemistry and Applied Mathematics. However the Institute has arranged a workshop calling experts from IITs, IISC, NIT Rourkela, Jadavpur University etc. for finalization of curricula and details syllabi. Rules and Regulations and the name of the integrated PG programme. If any modification in the Rules and Regulations and the name of the programme is suggested it may be incorporated in the rules.
- ii. The SENATE entrusted the Chairman SENATE to implement the outcome of the recommendation of the work-shop in connection with any change on the name of the programme and Rules & Regulations as the case may be.
- iii. The syllabi should be made as elaborate as possible.



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Item No. S/12/13 Consideration and approval of updated syllabus of B.Tech programme in Production Engineering.

The updated syllabi of B.Tech programme in Production Engineering from 3rd semester to 8th semester were approved with the following suggestion:

Attempts should be made to reduce total credit from 222 to maximum 180. The reduction of total credit of B.Tech need to be discussed and finalized in the ensuing work-shop for revision of B.Tech syllabi.

Item No. S/12/14 Consideration and approval of last date of submission of Mark-sheet etc. for Ph.D admission.

In regard to Ph.D candidates who would be unable to submit all the required documents at the time of admission the SENATE approved as follows:

The Ph.D candidates who cannot submit any required document such as Mark-sheet, Category Certificate, Migration Certificate etc. at the time of admission must submit the same within 30 (thirty) days from the last date of admission in Ph.D programme failing which the provisional admission shall stand cancelled automatically. The candidate will however be required to submit an undertaking to this effect at the time of admission.

Item No. S/12/15 Consideration and approval of Inclusion of Master of Rural Management & Development (MRMD) for allowing scholarship in Ph.D.

The SENATE approved that the Ph.D candidates having degree in Master of Rural Management and Development (MRMD) from Tripura Central University with 60% marks would be eligible for institute scholarship provided all other eligibility conditions for the scholarship were fulfilled. The SENATE also approved that retrospective effect would be given to the existing candidates.

Item No. S/12/16 Re-consideration of the decision of reduction of seats in B.Tech Civil Engg. from 184 to150.

After threadbare discussions on the above item as suggested by the Board of Governors the Senate expressed the following views:



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- To upkeep the standard and quality of teaching it is not possible to impart teaching to 184 students with the existing infrastructure, lab facility and faculty strength.
- Adequate number of candidates have not been found in spite of several advertisements given in local and national dailies inviting applications for recruitment to the post of Assistant Professor/ Associate Professor/ Professor presently in the Civil Engineering Department.
- Presently Civil Engineering Department is running with only 29 faculty members where as the minimum requirement is 53 nos. of faculties. An institute of eminence cannot afford to dilute the quality of teaching.
- The members of SENATE opined that the Institute should not take the risk of enhancing of seat to 150. It is better to reduce it to 120 or in extreme case it may go up to 150 if situation demands.

Item No. S/12/17 Consideration and approval of revision of fee of Ph.D programme from 2013-14.

The SENATE approved the following fee structure of Ph.D programme for the present to be effective from July 2013:

| Sl No | Particulars | 1 st sem fee (In Rs) | 2 nd sem fee (In Rs) | 3 rd sem fee (In Rs) | 4 th sem fee (In Rs) | 5 th sem fee (In Rs) | 6 th sem fee (In Rs) | other sem fee (In Rs) |
|--------------|----------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-----------------------|
| 1 | Admission fee | 1000 | 00 | 00 | 00 | 00 | 00 | 00 |
| 2 | Tuition | 7500 | 7500 | 7500 | 7500 | 7500 | 7500 | 7500 |
| 3 | All other fees | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 | 2000 |
| 4 | Student Activity fee | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| 5 | Medical | 1000 | 00 | 1000 | 00 | 1000 | 00 | 00 |
| 6 | Caution Money | 5000 | 00 | 00 | 00 | 00 | 00 | 00 |
| 7 | Alumni fee | 00 | 00 | 00 | 00 | 00 | 1000 | 00 |
| 8 | R.F. ID card | 200 | 00 | 00 | 00 | 00 | 00 | 00 |
| TOTAL | | 17700 | 10500 | 11500 | 10500 | 11500 | 11500 | 10500 |

Further revision of fee structure of UG, PG and Ph.D programmes of Nit Agartala will be considered after getting decisions of MHRD in this regard.

Item No. S/12/18 Consideration and approval of collection of fee to the extent of Rs. 500/- per subject from PG students for supplementary examination.

The SENATE approved collection of fee to the extent of Rs. 500/- per subject from PG students for supplementary examination.



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Item No. S/12/01/A Consideration and ratification of deferring of the date of commencement of the End-Term Examination-2013.

The SENATE ratified deferring the date of commencement of the end-term examination 2013 as follows:

- Class works would continue up to 30/04/2013 in place of 23/04/2013 as per academic calendar.
- The end term examination would commence from 03/05/2013 in place of 24/04/2013.
- The result of the end term examination would be published on 24/05/2013 in place of 14/05/2013.
- The summer vacation for the faculty would be for the period from 21/05/2013 to 10/07/2013.

Item No. S/12/02/A Consideration and ratification of allowing of students of B.Tech 1st semester who were debarred from appearing at the theory paper examination for their failure in practical subjects to appear at the examination of those papers during summer vacation.

The SENATE ratified allowing of students of B.Tech 1st semester who were debarred from appearing at the theory paper examination for their failure in practical subjects to appear at the examination of those papers during summer vacation.

Item No. S/12/03/A Consideration and approval of correction of names of some subjects of 4th and 5th semester B.Tech of Civil Engineering of 2009 and 4th semester of 2010 batch.

The SENATE approved correction of the names of some subjects of 4th and 5th semester B.Tech of Civil Engineering of 2009 and 4th semester of 2010 batch as follows:

| Year | Semester | Incorrect names of the subjects | Correct names of the subjects |
|------|----------|---------------------------------|-------------------------------|
| 2009 | IV | Surveying field works-II | Surveying field works |
| | V | Design of RC structure-II | Design of structures-I |
| 2010 | IV | Surveying field works-II | Surveying field works |



Item No. S/12/04/A Consideration and approval of moderation of question papers of Odd and Even semester examination of UG and PG programmes.

The SENATE approved that each faculty would submit 2 (two) different sets of question papers of a subject for which he/ she would be given the responsibility of preparation of question paper.

It was also approved that the question papers prepared by NIT Agartala will be moderated by the experts of NITs, IITs and reputed Institutions.

Item No. S/12/05/A Rationalization of duration of both mid-term and end-term examination of various programmes of the Institute.

The SENATE approved that the duration of examination of each paper of B.Tech in the mid-term examination would be of 2.00 hours in place of 1.30 hours and end term examination would be of 3.00 hours [quite at par with the duration of M.Tech examination]. It was also approved that the question papers of B.Tech examination would be modified appropriately by the question setters so that 2.00 hours time for mid-term examination and 3.00 hours time for end-term examination were required for answering the questions.

Item No. S/12/06/A Conferring of the Honoris Causa- D. Science to Prof. Bikash Sinha, Homi Bhabha Professor, Department of Atomic Energy, Govt. of India and Former Director, Saha Institute of Nuclear Physics & Variable Energy Cyclotron Centre, Kolkata. in the 5th Convocation of NIT Agartala.

The SENATE approved conferring of the Honoris Causa- D. Science to Prof. Bikash Sinha, Homi Bhabha Professor, Department of Atomic Energy, Govt. of India and Former Director, Saha Institute of Nuclear Physics & Variable Energy Cyclotron Centre, Kolkata. in the 5th Convocation of NIT Agartala.

Item No. S/12/07/A Conferring of the Honoris Causa- D. Science to Prof. Rolf-Dieter HEUER, CERN Director General, in the 5th Convocation of NIT Agartala.

The SENATE approved conferring of the Honoris Causa- D. Science to Prof. Rolf-Dieter HEUER, CERN Director General, in the 5th Convocation of NIT Agartala.



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Item No. S/12/08/A Consideration and nomination of 2 faculty members to Board of Governors.

The SENATE confirmed the nomination of the following members of SENATE to Board of Governors of NIT Agartala:

- i) Prof. Richi Prasad Sharma - Professor.
- ii) Mr. John Deb Barma - Assistant Professor

Item No. S/12/09/A Organization of Special Convocation for conferring Honoris Causa- D. to some eminent personalities.

The SENATE authorized the Director and Chairman SENATE to organize Special Convocation at a convenient date for conferring Honoris Causa- D. to some eminent personalities.

Item No. S/12/10/A Organization of 5th Convocation of NIT Agartala on June 21, 2013 in two sessions starting from 10.30 am.

The SENATE approved organization of 5th Convocation of the Institute on June 21, 2013 in two consecutive sessions starting from 10.30 am. in the auditorium of the institute.

All decisions were taken unanimously.

The Meeting ended with a vote of thanks to the Chair.


(Prof. P. K. Bose) 23/05/13
Chairman, SENATE


(Sumanta Chakrabarti) 23/05/13
Secretary, SENATE