

**Proceedings of the 9<sup>th</sup> meeting of the Senate held on Wednesday, the 4<sup>th</sup> January, 2017 at 2 P.M. in the Alumni Seminar Hall.**

The following members were present on 4<sup>th</sup> January, 2017 at 2 P.M. in the Alumni Seminar Hall

1. Prof. Ajoy Kumar Ray, Director, IEST, Shibpur, & Chairman, Senate
2. Prof. Salil Halder, Department of A.E. & A.M.
3. Prof. Koustuv Debnath, Department of A.E. & A.M.
4. Prof. Subhasis Bhaumik, Department of A.E. & A.M.
5. Prof. Santanu Majumder, Department of A.E. & A. M.
6. Prof. Rana Roy, Department of A.E. & A. M.
7. Prof. Aditya Bandyopadhyay Dept. of Arch T & R.P.
8. Prof. Arup Sarkar, Dept. of Arch T & R.P.
9. Prof. Swati Saha, Dept. of Arch T & R.P.
10. Prof. Keya Mitra, Dept. of Arch. T. & R.P.
11. Prof. Partha Sarathi Mukhopadhyay, Dept. of Arch. T. & R.P.
12. Prof. Kalyan Kumar Chattopadhyay, Dept. of Civil Engg.
13. Prof. Subrata Chakraborty, Dept. of Civil Engg.
14. Prof. Sudip Kumar Roy, Dept. of Civil Engg.
15. Prof. Ambarish Ghosh, Dept. of Civil Engg
16. Prof. Chaitali Ray, Dept. of Civil Engg.
17. Prof. Aparna (Dey) Ghosh, Dept. of Civil Engg.
18. Prof. Debabrata Majumder, Dept. of Civil Engg.
19. Prof. Bibhutosh Adhikary, Dept. of Chemistry
20. Prof. Anup Mondal, Dept. of Chemistry
21. Prof. Binay Krishna Ghorai, Dept. of Chemistry
22. Prof. Ajit Kumar Mahapatra, Dept. of Chemistry
23. Prof. Amit Kr. Das, Dept. of C.S.&T.
24. Prof. Jaya Sil, Dept. of C.S.&T.
25. Prof. Susanta Chakraborty, Dept. of C.S.&T.
26. Prof. Sipra Das (Bit), Dept. of C.S.&T.
27. Prof. Sulata Mitra, Dept. of C.S. & T
28. Prof. Debasis Sarkar, Dept. of Elec.Engg.
29. Prof. Jagadish Pal, Dept. of Elec. Engg.
30. Prof. Prasad Syam, Dept. of Elec.Engg.
31. Prof. Aparajita Sengupta, Dept.of Elec. Engg,
32. Prof. Mainak Sengupta, Dept. of Elec. Engg.
33. Prof. Konika Das(Bhattacharya), Dept. of Elec. Engg.
34. Prof. Madhumati Dutta, Dept. of Humanities.
35. Prof. Manas Kumar Sanyal, Dept. of HRM
36. Prof. Hafizur Rahaman, Dept. of Information Technology
37. Prof. Santi Prasad Maity, Dept. of Information Technology
38. Prof. Basudeb Mukhopadhyay, Dept. of Mathematics
39. Prof. Binayak Samaddar Choudhury, Dept. of Mathematics
40. Prof. Jagabandhu De, Dept. of Mathematics
41. Prof. Murari Mitra, Dept. of Mathematics
42. Prof. Tapan Kr. Roy, Dept .of Mathematics
43. Prof. Sanat Kumar Majumder, Dept. of Mathematics
44. Prof. Asoke Kumar Dhar, Dept. of Mathematics
45. Prof. Parbati Saha, Dept. of Mathematics
46. Prof. Santanu Kumar Karmakar, Dept. of Mech. Engg.
47. Prof. Debasish Dutta, Dept.of Mech. Engg.
48. Prof. Bijan Kumar Mandal, Dept.of Mech. Engg.
49. Prof. Shyamal Chatterjee, Dept. of Mech. Engg.
50. Prof. Somnath Chakraborty, Dept. of Mech. Engg.
51. Prof. Subrata Chatterjee, Dept. of Met. & Matls. Engg
52. Prof. Amitava Basu Mallick, Dept. of Met. & Matls. Engg
53. Prof. Swarup Kumar Ghosh, Dept. of Met. & Matls. Engg.
54. Prof. Prabir Kumar Paul, Dept. of Mining Engg

55. Prof. Netai Chandra Dey, Dept. of Mining Engg.
56. Prof. Indranath Sinha, Dept. of Mining Engg.
57. Prof. Pratik Dutta, Dept. of Mining Engg.
58. Prof. Sukhendu Sekhar Sarkar, Dept. of Physics
59. Prof. Mousumi Basu, Dept. of Physics
60. Prof. Arindam Biswas, Associate Professor & Head, Dept. of Information Technology- Special Invitee
61. Prof. Subhasis Bandyopadhyay, Associate Professor & Head, Humanities and Social Science
62. Prof. Samar Jana, Associate Professor & Head, Department of Physics- Invitee
63. Dr. Nirmalya Kumar Bhattacharyya, Controller of Examination(Actg.)- Invitee
64. Mr. Sapratik Ray, General Secretary, Students Senate – Special Invitee
65. Mr. Sankhadeep Ghosh, Treasurer, Students Senate- Special Invitee
66. Dr. Biman Bandyopadhyay, Registrar, IEST, Shibpur & Secretary, Senate

The leave of absence was granted in favour of the following members on 4<sup>th</sup> January, 2017:-

1. Prof. Sujay Kumar Mukherjea, Department of A.E. & A.M.
2. Prof. Souvanic Roy, Dept. of Architecture, T & RP
3. Prof. Kalyan Kumar Bhar, Dept. of Civil Engineering
4. Prof. Anirban Gupta, Dept. of Civil Engineering
5. Prof. Shyamal Kumar Chattopadhyay, Dept. of Chemistry
6. Prof. Prashanta Kumar Nandi, Dept. of Chemistry
7. Prof. Sudip Kumar Chattopadhyay, Dept. of Chemistry
8. Prof. Uma Bhattacharya, Dept. of CST
9. Prof. Biplab Kr. Sikdar, Dept. of CST
10. Prof. B. P. Mukhopadhyay, Dept. of Earth Sciences
11. Prof. Gautam Bandyopadhyay, Dept. of Electrical Engineering
12. Prof. Avijit Chakraborty, Dept. of Electrical Engineering
13. Prof. Biswarup Basak, Dept. of Electrical Engineering
14. Prof. Ashoke Sutradhar, Dept. of Electrical Engineering
15. Prof. Abdur Rouf, Dept. of Electrical Engineering
16. Prof. Chandan Kumar Chanda, Dept. of Electrical Engineering
17. Prof. Debabrata Roy, Dept. of Electrical Engineering
18. Prof. Baidya Nath Roy, Dept. of ETCE
19. Prof. Monojit Mitra, Dept. of ETCE
20. Prof. Santanu Das, Dept. of ETCE
21. Prof. Guruprasad Samanta, Dept. of Mathematics
22. Prof. Tapan Kr. Kar, Dept. of Mathematics
23. Prof. Sisir Kumar Guha, Dept. of Mech. Engg.
24. Prof. Sujoy Kumar Saha, Dept. of Mech. Engg.
25. Prof. Apurba Kishore Dutta, Dept. of Mech. Engg.
26. Prof. Suranjan Sinha, Dept. of Mining Engg.
27. Prof. Dipali Banerjee, Dept. of Physics.
28. Prof. Bichitra Kumar Guha, Dept. of Physics
29. Prof. Nil Ratan Bandyopadhyay, School of Mate. Sc & Engg.
30. Prof. Tapas Kumar Gangopadhyay, Dept. of Earth Science- Invitee

At the outset the Chairman extended a hearty welcome and wished a very happy and prosperous New Year to the members present in the meeting. He then placed the agenda before the members for discussion.

**Item No. 09.01**                      **Confirmation of the Proceedings of the 8<sup>th</sup> Meeting of the Senate held on Monday, the 20<sup>th</sup> June, 2016**

**Resolution No.09.01**

The Senate resolved that the proceedings of the 8<sup>th</sup> meeting of the Senate held on 20<sup>th</sup> June, 2016 at Alumni Seminar Hall are confirmed.

**Resolution No.09.02**

The Senate noted the observation of the BOG and the following decision of the BOG:

1. The Institute will continue offering 5-year Integrated (B.Tech. – M.Tech.) Course, and will offer exit option to the students with B.Tech. degree only after completing 8-semesters. The option will be exercised at the end of 6<sup>th</sup> Semester.
2. Only the GATE qualified students will receive scholarship in the 5<sup>th</sup> year.
3. The existing students, who have joined the integrated 'B.-Tech. - M.Tech. Dual Degree Programme,' since 2014 will be offered option of exit after completion of Six semester. The GATE qualified students continuing in the integrated course will receive scholarship in the 5<sup>th</sup> year.
4. The above is an interim measure for a period of five years and during these five years, the Institute will try to complete the requisite works with the assistance from MHRD, to create necessary infrastructure in accordance with the Anandakrishnan Committee report.
5. IEST, Shibpur will organise a national level workshop at IEST, Shibpur on the issue of 'Prospects and opportunities for the students of Integrated B. Tech. - M. Tech. Dual Degree Program.'
6. In view of the lack of adequate infrastructure in the Institute, the student strength in the Programs offered by the Institute be rationalized so that the students are provided the best possible facilities, both in terms of quality of education and infrastructure.

The Senate after a detailed discussion resolved the following:

- i) Considering the present strength of 3630 students and the approval of the Union Cabinet on 12.10.2010 of Rs.592 Crore for the project period of five years to transform the Institute into an institute of National importance with a projected student strength of 3500, the senate resolved that the institute will not increase the number of the students and all attempts should be made to provide the best possible facilities to the students studying in the institute, both in terms of quality of education and infrastructure. The institute should reduce 10% of the existing seats of the engineering departments at the entry level of the integrated dual degree program from the academic session 2017. Thus, the present students strength of 650 for the integrated dual degree program at the entry level will be reduced to 585. The resolution of the of the Senate will be placed before the BOG. The Director will write to MHRD about this recommendation for their consideration and approval, if required. This recommendation should also be conveyed to NIT, Patna which is conducting the JEE Main for the Academic Session 2017. The Senate also resolved that the Dean Academic Affairs in consultation with all the heads of the Departments/Schools and Centres will placed a proposal with program wise break up of student strength for all the programs of the institute in the next senate meeting
- ii) The Senate also pointed out that as per MHRD norms only GATE qualified students are eligible for scholarships during the fifth year of the 5 year B Tech-M Tech dual degree programs.

iii) The Senate also resolved that according to the decision of the BOG a committee be constituted with the following members to organise a national level seminar on the issue of employment opportunities for the Integrated B. Tech. - M. Tech. Dual Degree Programme:

1. Dean Academic Affairs Chairman
2. All Heads of the Engineering Departments
3. President and Secretary of the Student Senate
4. HOD, HRM Convenor

In this seminar the potential employers including the PSUs, research organizations and leading academic institutions will be requested to participate to discuss the need of the integrated B. Tech M.Tech programs and the roles for the development of the Nation

**Item No. 09.03**      **To consider the proposed Regulation for 5-year Integrated Dual-Degree (B. Tech-M. Tech) programme submitted by the Dean Academic Affairs.**

**Resolution No.09.03:**

The Senate discussed the draft regulations in detail and primarily approved the regulation with inclusion /modification of the following points:

1. *In Section 3: Organization of the Course, item 1:* The Dual Degree B Tech-M Tech integrated course for all branches of Engineering/Technology shall be of 5 years duration. The students will be offered an exit option to obtain B Tech degree after completing 8-semester. The option is to be exercised at the end of 6<sup>th</sup> Semester.
1. *In Section 3: Organization of the Course, item 5:* The internship and Summer / Winter training will also be included in the curriculum.
2. *In Section 9: Selecting the specialization:* A student shall be able to opt for the PG specialisation modules available in the various departments of the institute instead of 'ordinarily in the same department'.
3. *In Section 13: Eligibility to Appear at Semester Examinations:* The number 'd' and 'e' should be replaced by 3 & 4.
4. *In Section 13: Eligibility to Appear at Semester Examinations, item no 1(a):* Average attendance of the student should be 75 % of the total number of classes instead of "60%".
5. *In Section 13: Eligibility to Appear at Semester Examinations, item2 (a):* The students should be informed about his/her unsatisfactory performance in the practical classes in the middle of the semester.
6. *In Section 23: Score/Grade Sheet, Certificate, Certificates of Degree, Prizes and Medals, item 7:* A student obtaining 75% and above marks in all semesters without any back paper will get 'Honours' and it will be written in the certificate. The format of all certificates will be incorporated in the regulations
7. The Director will take a legal opinion regarding introduction of "Honours" in the certificates of those students who obtain 75% and above marks in all semesters without any back paper.
8. Since students' feedback becomes mandatory and compulsory in various ranking systems, this should be incorporated in the regulations. Arrangement should be made so that students can give their online feedback for every subject and it will be centrally monitored by the Dean Academic Affairs and the Director. If feedback is not given by a student, he/she will not be eligible to get mark sheet.
9. There should be provision for internship training, vocational training and facilitated programme in the course structure, which should be suitably modified to include the training program. The students who will successfully complete internship will get 2 credits.

The training will be arranged at end of sixth semester by the HRM Department as far as practicable. For other students, concerned HoD will forward and recommend the cases to the HoD, HRM for suitable consideration. In all such cases HOD, HRM will take the final decision and only he will forward these cases to the concerned organisations.

10. The Dean Academic Affairs will redraft the regulations and will circulate the revised draft to all members within a week. After receiving the revised draft, the Senate members will give their observations with specific amendments, if any, within a week. After receiving the observations from the senate members, the Dean Academic Affairs will finalise the draft and submit the same to the Senate for approval.

**Item No. 09.04**            **To ratify the recommendation of the Dean Academic Affairs to include all renamed M. Tech And MURP courses and two new M.Tech courses namely i) Renewable Energy Science & Technology and (ii) Safety & Occupational Health in the existing PG examination Rule of the institute as proposed by the Controller of Examination (Actg.).**

**Resolution No.09.04**

The Senate discussed the issue and approved the following:

1. The institute will award the Degree of two newly introduced M. Tech courses i) Renewable Energy Science & Technology (Four Semesters) & ii) Occupational Health and Safety (Four Semesters) to the successful students, following the existing PG examination rules of the Institute.
2. The names of the degrees of all courses under engineering faculty have been renamed as M. Tech instead of M.E and MURP instead of MTRP in Architecture, Town & Regional Planning department. The Institute will award the degree of these courses of M Tech & MURP to the successful students following the existing PG examination rules of the Institute.

**Item No. 09.05**            **To approve the Academic Calendar (Odd and Even Semester 2016-17) of the Institute submitted by the Dean Academic Affairs.**

**Resolution No.09.05:**

The academic calendars (Odd and Even Semester 2016-017) have been approved with following modifications in the Even Semester Calendar:-

1. In mid semester examination, the supplementary examinations date will be included.
2. The date of end semester examination should be 21<sup>st</sup> April to 28<sup>th</sup> April, 2017 instead of 21<sup>st</sup> April to 27<sup>th</sup> April, 2017.
3. All the national holidays will be incorporated as per the notification issued by the Institute in this regard.

**Item No. 09.06**            **To consider the note of the Dean Academic Affairs regarding change of institute class-timing.**

**Resolution No.09.06:**

The Senate discussed the issue in detail. After detailed deliberations of the members regarding the problem faced by a sizable section of students who are not getting any hostel accommodation, the residential character of the institute and the tradition of the institute, the Senate resolved the following:

1. Normally, there will be 7 periods in every working day. Each period will be of 55 minutes duration and lunch time will be of one hour 10 minutes duration. Classes will start from 9 am. In the first half there will be 4 periods and in the second half there will be 3 periods.
2. First Half: From 9 a.m. to 12.40 pm.
3. Lunch Break: From 12.40 pm to 1.50 pm
4. Second Half: From 1.50 pm to 4.35 pm.
5. This arrangement will be effective from 1<sup>st</sup> February, 2017.

**Item No. 09.07** To consider the note of Prof. Amit Roy Chowdhury, Head, CHST to allow MBBS/MD/BHMS/BDS/BAMS and related degree holders as eligible candidates for pursuing M. Tech and PhD programs in Biomedical Engineering of IEST, Shibpur.

**Resolution No. 09.07:**

The Senate considered the note of Prof. Amit Roy Chowdhury, Head, CHST for inclusion of students from the area of medical sciences to broaden the inter-disciplinary scope of education and research and thus allow MBBS/MD/BHMS/BDS/BAMS and related degree holders as eligible candidates for pursuing M. Tech and PhD programs in Biomedical Engineering of IEST, Shibpur in addition to the B.E/B.Tech/B. Pharm and M. Sc (Physics, Electronics, Chemistry and Life Science). The Senate discussed the matter and resolved the following:

1. Degree holders of MBBS, MD, BHMS, BDS and BAMS will also be eligible for pursuing M. Tech and PhD programs in Biomedical Engineering of IEST, Shibpur in addition to the present eligibility criteria for these courses.
2. Degree holders of MBBS, MD, BHMS, BDS and BAMS for whom there is no scope for valid GATE/GPAT scores, will also be considered by the Institute for scholarship for PhD programs in Biomedical Engineering of IEST, Shibpur

**Item No.09.08** To finalise the date of the convocation 2017.

**Resolution No.09.08:**

The Senate resolved that the date of convocation will be on 4<sup>th</sup> March, 2017. As proposed by the Director, the Senate also recommended that Sri Prakash Javadeka, Hon'ble Minister, Human Resource Development (HRD), will be requested to be present in the convocation as Chief Guest.

**Item No. 09.09** To consider the report of the Scholarship Committee constituted by the Senate in its 7<sup>th</sup> meeting on the issue of extending financial support to the registered PhD students who are not getting scholarship because of the completion of their projects but their PhD works have progressed substantially.

**Resolution No.09.09:**

The Senate considered the observations and the recommendation of the committee constituted by the Senate for the registered PhD students who are not getting scholarship because of the completion of their projects but their PhD works have progressed substantially:

The Senate discussed the issue in detail and resolved the following:

The registered PhD students who are not getting scholarship from the project fund because of the completion of their project and seeking institute financial support to complete their Ph.D. work, the institute will provide adequate financial support to them subject to the condition that they will have to appear before an expert committee which will be formed by the Director. On the

recommendation of the Expert Committee these PhD student will be selected for financial Assistance. The eligible PhD students will receive financial support for a maximum period of 5-x yrs., where x = no. of years for which the scholar has received project fellowship. The PhD students will be eligible for the financial support for 5-x years or from the date of completion of the project till the time of the thesis submission, whichever is lower. However, the financial support will be subjected to the review of progress made by the scholar in every six months by the doctoral committee.

**Item No. 09.10**            **To report the note of the Dean, Academic Affairs regarding expulsion of Ms. Fathema-Tuz-Sowria Sharwin from the institute for adopting unfair means in the examination hall**

**Resolution No.09.10:**

The Dean, Academic Affairs reported the case of expulsion of Ms. Fathema-Tuz-Sowria Sharwin from the institute for adopting unfair means in the examination hall. The senate noted the report of the Dean, Academic Affairs and decided to suspend her for a year.

**Item No.09.11**            **To discuss a letter received from Shri Ravi Kumar Mishra, Ph. D student of Mining Engineering Department regarding granting of financial assistance for pursuing the course.**

**Resolution No.09.11:**

The item was dropped.

**Item No.09.12**            **To consider the appeal of Sri Biswajit Singh, a passed out student of M.Sc programme in Applied Mathematics regarding consideration of SC/ST candidates as per Govt. of India Rules in the context of admission to Ph.D. programmes.**

**Resolution No.09.12:**

The Senate has noted and considered the application of Sri Biswajit Singh, a passed out student of M.Sc in Applied Mathematics for admission to PhD programme (in July 2016 cycle) as an ST candidates. The senate after detailed discussion resolved that the Institute will henceforth strictly follow the reservation policy of the government for admission of PhD students and Sri Biswajit Singh will be allowed to pursue his Ph.D. in Mathematics Department with immediate effect without any further delay.

The Senate also constituted a committee with the following members to formulate the admission policy for PhD programme with particular attention to reservation policy of the Government:

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|--|----------|
| 1. Prof. Amit Das, Dean Academic Affairs                                 | Chairman |
| 2. Prof. Subrata Chakroborty, Professor, Department of Civil Engineering | Member   |
| 3. Prof. Tapan Kumar Roy, Professor, Department of Mathematics -         | Convenor |

The committee will submit its report to the Senate at an early date

**Item No.09.13**            **To consider the appeal of Sri Soumya Ganguly, a 4<sup>th</sup> year topper of Mechanical Engineering student, for pursuing one year of the Master's courses in Physics after completion of his undergraduate course for obtaining transcripts and certificates of the same master courses from the institute for pursue a Masters programme in Physics abroad.**

**Resolution No.09.13:**

The Senate discussed the appeal of Sri Soumya Ganguly, a 4<sup>th</sup> year topper of Mechanical Engineering, for pursuing one year Masters Course in Physics after completion of his undergraduate course. The Senate also discussed the report of the committee constituted by the Director under the Chairmanship of HOD, Mechanical for looking into the provisions of receiving official transcripts of the additional course which the student desires to undertake within the period or just outside the period of his/her course in the institute. The Senate noted the following recommendations of the committee regarding provision for receiving official transcripts by the Students for additional courses:

1. *The applicant seeking transcripts for additional courses (subjects) must be a registered student (UG, PG or RS) of this institute at the time of application for attending the additional courses offered by this institute.*
2. *The institute must arrange accordingly to extend the period of registration (max. 1 year), if required to accommodate such prayer. The application must be routed through proper channel inclusive of HOD(s) of the concerned departments.*
3. *This facility may be extended to permanent employee (faculty and staff) of the institute within the age of his/her retirement.*
4. *The completion of the courses shall authorize the student to claim for transcripts related to those courses alone and not any additional degree or diploma.*
5. *The evaluation process shall remain same as that for a regular student.*
6. *On the completion of course and evaluation process, the office of the Dean (academic) shall arrange for publication of results and issuance of appropriate transcripts.*
7. *The candidate must separately register for the course (s) in an appropriate manner and submit fee as applicable.*
8. *The office of the Dean (academic) may arrange for provision of registration for individual subject (course) as a modification or amendment to the existing rules and regulations for UG & PG students and Research Scholars.*

After a detailed discussion senate resolved the following:

- i. The institute will take a legal opinion on the basis of the recommendation of the report submitted by the committee and will place the legal opinion in the next meeting of the Senate for consideration.
- ii. Sri Soumya Ganguly may apply for PhD in the institute under the guidance of concerned faculty members of the Institute wherein he may take the PG courses offered by the Physics department and Mechanical department which may lead to his PhD Degree. He may get the transcripts of the course after its completion.

**Item No.09.14**            **To consider the appeal of Shri Anindya Adhikary, an M. E. student of Fluid Mechanics admitted in the year 2014-15 and completed first semester's exams, for re-admission in the year 2017 for completing his unfinished M.E. Course.**

**Resolution No.09.14:**

The matter has been discussed and it is decided that the matter will be sent to the concerned department for consideration.

**Item No.09.01A:**            **To consider the appeal of Shri Sabyasachi Mukherjee, Research Scholar of Dept. of IT regarding granting of institute fellowship.**

**Resolution No.09.01A:**

The Senate considered the matter and resolved that no relaxation of age can be given in this regard for consideration of the Institute Fellowship.

**Item No. 09. 15**            **Miscellaneous item, if any.**



**Item No. 09.15M1:** To consider the application of Shri Rakesh Jotdar, 7<sup>th</sup> semester student of Electrical Engineering Department for seeking permission to sit in the supplementary examination in the 8<sup>th</sup> semester

**Resolution No. 09.15M1:**

The senate discussed the matter and resolved that such cases should be placed before the Dean Academic Affairs for his considered opinion before it is placed in the Senate. Therefore, the matter will be sent to the Dean Academic affairs for his consideration.

**Item No. 09.15M2:** To consider the application of Shri Sushant Routh, and Diptesh Mondal, 4th year students of Civil Engineering Department for seeking permission to sit in the supplementary examination in the 7<sup>th</sup> semester and continue with the final year project which he having low attendance.

**Resolution No. 09.15M2:**

See resolution no. 09.15M1

Since there was no other matter for discussion, the meeting ended with vote of thanks to the chair.



(Dr. Biman Bandyopadhyay)  
Registrar, IEST, Shibpur &  
Secretary to the Senate

Approved



(Prof. Ajoy Kumar Ray)  
Director, IEST, Shibpur &  
Chairman of the Senate