

**Proceedings of the 8<sup>th</sup> meeting of the Senate held on Monday, the 20<sup>th</sup> June 2016 at 3 P.M. in the Alumni Seminar Hall.**

The following members were present on 20<sup>th</sup> June, 2016 at 3 P.M. in the Alumni Seminar Hall

1. Prof. Ajoy Kumar Ray, Director, IEST, Shibpur, & Chairman, Senate
2. Prof. Sujay Kumar Mukherjea, Department of A.E. & A.M.
3. Prof. Salil Halder, Department of A.E. & A.M.
4. Prof. Koustuv Debnath, 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. Souvanic Roy, 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. Kalyan Kumar Chattopadhyay, Dept. of Civil Engg.
12. Prof. Subrata Chakraborty, Dept. of Civil Engg.
13. Prof. Sudip Kumar Roy, Dept. of Civil Engg.
14. Prof. Chaitali Ray, Dept. of Civil Engg.
15. Prof. Aparna (Dey) Ghosh, Dept. of Civil Engg.
16. Prof. Bibhutosh Adhikary, Dept. of Chemistry
17. Prof. Anup Mondal, Dept. of Chemistry
18. Prof. Prasanta Kumar Nandi, Dept. of Chemistry
19. Prof. Binay Krishna Ghorai, Dept. of Chemistry
20. Prof. Ajit Kumar Mahapatra, Dept. of Chemistry
21. Prof. Jaya Sil, Dept. of C.S.&T.
22. Prof. Biplab Kr. Sikdar, Dept. of C.S. & T
23. Prof. Sulata Mitra, Dept. of C.S. & T
24. Prof. Biswarup Basak, Dept. of Elec.Engg.
25. Prof. Jagadish Pal, Dept. of Elec. Engg.
26. Prof. Ashoke Sutradhar Dept. of Elec. Engg.
27. Prof. Prasad Syam, Dept. of Elec.Engg.
28. Prof. Chandan Kumar Chanda, Dept.of Elec.Engg.
29. Prof. Debabrata Roy, Dept. of Elec.Engg.
30. Prof. Mainak Sengupta, Dept. of Elec. Engg.
31. Prof. Konika Das(Bhattacharya), Dept.of Elec. Engg.
32. Prof. Baidya Nath Ray, Dept. of ETCE
33. Prof. Santanu Das, Dept. of ETCE
34. Prof. Manas Kumar Sanyal, HRM Dept.
35. Prof. Hafizur Rahaman, Dept. of Information Technology
36. Prof. Santi Prasad Maity, Dept. of Information Technology
37. Prof. Basudeb Mukhopadhyay, Dept. of Mathematics
38. Prof. Binayak Samaddar Choudhury, Dept. of Mathematics
39. Prof. Jagabandhu De, Dept.of Mathematics
40. Prof. Guruprasad Samanata, 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. Tapan Kr. Kar, Dept. of Mathematics
46. Prof. Parbati Saha, Dept. of Mathematics
47. Prof. Santanu Kumar Karmakar, Dept. of Mech. Engg.
48. Prof. Shyamal Chatterjee, Dept. of Mech.Engg.
49. Prof. Subrata Chatterjee, Dept. of Met. & Matls. Engg
50. Prof. Amitava Basu Mallick, Dept. of Met. & Matls. Engg

51. Prof. Swarup Kumar Ghosh, Dept. of Met. & Matls. Engg.
52. Prof. Netai Chandra Dey, Dept. of Mining Engg.
53. Prof. Indranath Sinha, Dept. of Mining Engg.
54. Prof. Pratik Dutta, Dept. of Mining Engg.
55. Prof. Dipali Banerjee, Dept. of Physics
56. Prof. Bichitra Kumar Guha, Dept. of Physics
57. Prof. Sukhendu Sekhar Sarkar, Dept. of Physics
58. Prof. Arindam Biswas, Associate Professor & Head, Dept. of Information Technology- Special Invitee
59. Prof. Tapas Kumar Gangopadhyay, Associate Professor & Head, Dept. of Earth Sciences- Special Invitee
60. Prof. Samar Jana, Associate Professor & Head, Department of Physics-Special Invitee
61. Dr. Biman Bandyopadhyay, Registrar, IEST, Shibpur & Secretary, Senate

The leave of absence was granted in favour of the following members on 20<sup>th</sup> June, 2016:-

1. Prof. Subhasis Bhaumik, Department of A.E. & A.M.
2. Prof. Arup Sarkar, Department of Arch. T. & R.P.
3. Prof. Partha Sarathi Mukhopadhyay, Department of Arch. T. & R.P.
4. Prof. Kalyan Kumar Bhar, Dept. of Civil Engineering
5. Prof. Anirban Gupta, Dept. of Civil Engineering
6. Prof. Ambarish Ghosh, Dept. of Civil Engineering
7. Prof. Debabrata Majumder, Dept. of Civil Engineering
8. Prof. Shyamal Kumar Chattopadhyay, Dept. of Chemistry
9. Prof. Sudip Kumar Chattopadhyay, Dept. of Chemistry
10. Prof. Amit Kumar Das, Dept. of CST
11. Prof. Uma Bhattacharya, Dept. of CST
12. Prof. Susanta Chakraborty, Dept. of CST
13. Prof. Sipra Das(Bit), Dept. of CST
14. Prof. B.P. Mukhopadhyay, Dept. of Earth Sciences
15. Prof. Gautam Bandyopadhyay, Dept. of Electrical Engineering
16. Prof. Avijit Chakraborty, Dept. of Electrical Engineering
17. Prof. Debasis Sarkar, Dept. of Electrical Engineering
18. Prof. Abdur Rouf, Dept. of Electrical Engineering
19. Prof. Aparajita Sengupta, Dept. of Electrical Engineering
20. Prof. Monojit Mitra, Dept. of ETCE
21. Prof. Madhumati Dutta, Dept. of Humanities & Social Sciences
22. Prof. Sisir Kumar Guha, Dept. of Mech. Engg.
23. Prof. Debasish Dutta, Dept. of Mech. Engg.
24. Prof. Sujoy Kumar Saha, Dept. of Mech. Engg.
25. Prof. Apurba Kishore Dutta, Dept. of Mech. Engg.
26. Prof. Bijan Kumar Mandal, Dept. of Mech. Engg.
27. Prof. Somnath Chakrabarti, Dept. of Mech. Engg.
28. Prof. Prabir Kr. Paul, Dept. of Mining Engg.
29. Prof. Suranjan Sinha, Dept. of Mining Engg.
30. Prof. Mousumi Basu, Dept. of Physics
31. Prof. Nil Ratan Bandyopadhyay, School of Mate. Sc & Engg.
32. Prof. Mallika Ghosh Sarbadhikary, Dept. of Humanities & Social Science

The Chairman extended a hearty welcome to the members of the Senate and informed the members that the institute has secured rank 20 in the modified National Institutional Ranking Framework (NIRF) assessment of engineering colleges, undertaken by the Ministry of Human Resource Development. The Director conveyed deep appreciation to all the Senate members and other members of the faculty for their hard work and hoped that the ranking of IEST Shibpur will progressively improve over the coming years. The members thanked the Chair for his leadership for achieving this position and reiterated that all efforts will be taken by the members of the senate to improve the ranking of the institute to fulfil the vision of the institute.

**Item No. 08.01**                      **Confirmation of the Proceedings of the 7<sup>th</sup> Meeting of the Senate held on Monday, the 9<sup>th</sup> May, 2016.**

**Resolution No.08.01**              The Senate confirmed the proceedings of the 7<sup>th</sup> meeting of the Senate held on Monday, the 9<sup>th</sup> May, 2016 with the following modification:

In the resolution No. 07.03. (2), the designation of Dr. Chandan Kumar Sarkar, ETCE department will be mentioned.

**Matter Arising out of the proceedings of the 7<sup>th</sup> meeting of the senate:**

The Senate discussed the decision of the 7<sup>th</sup> Senate meeting on the issue of extending financial support to the registered PhD students whose projects have completed or who are not getting scholarship from the institute, though their PhD studies have progressed substantially. Senate resolved that the committee constituted in the 7<sup>th</sup> Senate in this regard is requested to submit their report at the earliest so that the matter be settled in the next Senate meeting.

**Item No. 08.02**                      **To consider the regulations of five year Dual Degree B.Tech-M.Tech program with an option of exit policy.**

The Chairman placed the agenda and requested the members for their opinion. He pointed out that the Board of Governors in its 2<sup>nd</sup> meeting held on 16.06.2015 discussed this issue and after discussion, the Chairperson, BOG opined that institute should continue with the 5 years B. Tech-M. Tech. dual degree programme without any exit route for at least two years. The Chairperson, BOG also opined that after two years BOG will review and decide on whether any exit route will be allowed in the programme. The Chairman of the Senate informed the house that many students, their guardians and the members of the Students' Senate have requested the Institute to consider the exit option at the end of the fourth year with B. Tech Degree. He also shared the opinions of many leading industries on this issue. Keeping in view the requests of current students and those who are willing to get admitted to the Institute, this session, this agenda has been placed for discussion again. He also pointed out that the Senate in its 3<sup>rd</sup> meeting held on 25.03.2015 unanimously decided for the students who are willing and satisfy certain criteria, option for an exit route for the 5 year integrated programme after successful completion of 8<sup>th</sup> semester. A committee was also constituted under the Chairmanship of Prof. Amit Kumar Das, Dean-Academic Affairs to prepare course structure with exit route.

Thereafter, the Senate discussed this issue in detail. Many points were raised by the members in the meeting regarding the issue of exit route. The following opinions of the members came up in the meeting:

- A certain percentage of the sanctioned seats be earmarked for exit route and students be given option on the basis of merit.
- The students, who fail to perform well in the integrated course, should also be given B. Tech Degree after completion of all the exams of the first four years course curriculum.
- The students who will continue 5 years integrated program should get scholarship for the 4<sup>th</sup> and 5<sup>th</sup> year.
- Scholarship should be given to those students who will score a CGPA more than a threshold from the institute fund for 4<sup>th</sup> year, subject to approval by the BOG of IEST. All the eligible students will be offered Gate Scholarship on their 5<sup>th</sup> year of study.
- The Institute should consider the legal aspects of introducing exit policy for the existing students in case the institute does not give option to all existing students to opt for exit route.
- The Chairman opined that there should be an integrated programme with B.Tech and MBA option in the dual degree course.

After the detailed discussion following resolution has been unanimously taken:

1. The Senate resolved to request the Board of Governors of the Institute to introduce exit option for its students joining the dual degree B.Tech.- M.Tech programme from the year 2016 - 17 on successful completion of their programmes after 8 semesters as prescribed by the Senate.
2. The Senate requested the Director to write to the Chairperson, BoG requesting his approval for introducing the exit route from the session 2016-17 subject to the approval of the Board.
3. The existing students of 5 years integrated dual degree programme be also given an option for exit after completion of the 4<sup>th</sup> year study.
4. The senate also resolved that a comprehensive 5 years integrated course with exit option be placed by the committee constituted under the chairmanship of Dean Academic Affairs in the next Senate meeting for approval. This will be forwarded to the BOG for consideration.
5. The senate also resolved that a one man committee be constituted with Prof. Amitava Basu Mallick, Associate Dean, Academic Affairs as Chairman to identify the modalities to provide scholarship/ financial assistance to the students who are pursuing 5 years integrated dual degree program without any exit. The report will be forwarded to the BOG for approval.

**Item No. 08.03**                    **To consider an appeal of 6<sup>th</sup> semester B.E. Students for consideration of year lag at the end of 6<sup>th</sup> semester.**

**Resolution No. 08.03**        Five students of 6<sup>th</sup> semester Electrical Engineering Department, and two students of 6<sup>th</sup> semester Civil Engineering Department, who are going to repeat in the same year as per the existing regulation of the institute, have appealed to the Director that they be allowed to sit in a special supplementary examination to clear all their backlogs. They also mentioned that otherwise they will have to face a serious problem in their study since they are the last batch of 4 year engineering program. Out of these seven students, five have failed in more than three subjects and one failed in comprehensive viva. The other student failed in one sessional subject and thus could not appear in any theory subject in the final examination. The matter was discussed and after a detailed discussion, the Senate resolved that all such 6<sup>th</sup> semester students be allowed to sit in a special supplementary examination. The Senate also resolved that the students who have not satisfactory performance in their sessional papers /grand viva for which they are declared as "failed" will be also given a chance to clear their sessional papers /grand viva. Senate also requested the Dean, Academic Affairs/ respective HoD /teachers of the backlog subjects to arrange remedial classes for these students so that these students can make up their deficiency.

**Item No. 08.04**                    **To consider the introduction of industry sponsored Masters' Programme at Electrical and Civil Engineering Department.**

**Resolution No. 08.04**

The resolution of the 1<sup>st</sup> meeting of the committee (constituted vide Office Order No. RMS/4740/15 dated 24<sup>th</sup> November, 2015 as per the resolution of the 4<sup>th</sup> meeting of the senate for the purpose of looking into all aspects of industry specific post graduate programmes at IEST) held on 20.06.2016 was placed by the Chairman. After a detailed discussion the Senate accepted the resolution in principle and resolved the following:-

- 1) Without disturbing the existing academic programs of the regular Under Graduate and Post Graduate, if any department agrees to initiate Post Graduate Programs for working engineers from Industries, then it has to be initiated after consultation with the Departmental Academic Committee, Dean, Academic Affairs and subsequent approval of the Senate.
- 2) Since 1997 Civil Engineering Department has been offering similar part time courses for the working engineer in five specializations. Also the PDSIT and Metallurgy and Materials Department have been offering such courses. But the admission of new students in these courses were stopped since 2014, after conversion of Bengal Engineering and Science University, Shibpur to Indian Institute of Engineering Science and Technology, Shibpur. The course structure of all these courses have been duly approved by AICTE. The Course Structure and also rules and regulations of the existing PTPA course would have to be modified in view of the current decisions on running part time courses.
- 3) Such post graduate programs will increase the industry interactions in the spheres of research, teaching and student-interfaces.

- 4) The financial matters relating to implementation of such courses i.e., course fees, honorarium for teaching will be decided by a separate Committee to be appointed by the Director. These courses will preferably start from the month of January 2017 onwards.
- 5) IEST, being an INI, it is not mandatory to get the approval from AICTE for running such type of courses.
- 6) As discussed in the committee meeting, Electrical Engineering Department and Civil Engineering Department will submit their proposal since they have been approached for conducting such courses by the industry. The concerned Heads of the Department will take up this matter for framing new course structure/ modifying existing course structure with Dean, Academic Affairs so that a definite proposal in line with the Institute norms can be placed in the next senate for consideration.
- 7) Students of such sponsored courses, however, will not be eligible for any campus placement facility of the Institute.
- 8) The resolution of the first meeting of the committee held on 20.06.2016 placed in the meeting will be circulated by Prof. Kanika Das (Bhattacharya), Convener of the Committee constituted by Office Order No. RMS/4740/15 dated 24<sup>th</sup> November, 2015 to all Heads of the Departments for their perusal and onward action.

**Item No. 08.05 To consider the shifting of the date of convocation from 4<sup>th</sup> March to an appropriate date in December.**

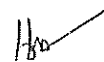
**Resolution No.08.05** The matter has been discussed in detail and several opinions were given by the members. The senate resolved that the date of the convocation will be finalised in the next meeting of the Senate.

**Item No. 08. 06 Miscellaneous item, if any.**

**Item No. 8.06.M.01 To consider the appeal from students who have been declared 'CNC'.**

**Resolution No. 8.06.M.01:** Two students, Sri Suraj Banerjee, 2<sup>nd</sup> year, Electrical Engineering Department and Sri Sayandeep Karmakar, 2<sup>nd</sup> year Aerospace Engineering have exhausted allowable maximum number of chances for clearing backlog papers and have been declared 'CNC' as per the existing regulations. They have appealed to Dean (Academic)/ through their respective Heads to allow them to avail one more chance to clear their backlog papers. The matter was placed before the Senate for its consideration. After careful consideration, it was resolved that all students who have been declared 'CNC' be allowed to avail one more chance to clear their backlog papers for this year only. The students may be allowed to sit for the backlog papers in the next round of supplementary/ re-supplementary/ examinations to be conducted by the institute.

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