

**Proceedings of the 5<sup>th</sup> meeting of the Senate held on Wednesday, the 18<sup>th</sup> November 2015 at 3 P.M. in the Alumni Seminar Hall.**

The following members were present on 18th November, 2015 at 3 P.M. in the Alumni Seminar Hall

1. Prof. Ajoy Kumar Ray, Director, IEST, Shibpur, & Chairman, Senate
2. Prof. Sujoy 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. Subhasis Bhounik, Department of A.E. & A.M.
6. Prof. Santanu Majumder, Department of A.E. & A. M.
7. Prof. Rana Roy, Department of A.E. & A. M.
8. Prof. Swati Saha, Dept. of Arch. T. & R.P.
9. Prof. Kalyan Kumar Chattopadhyay, Dept. of Civil Engg.
10. Prof. Kalyan Kumar Bhar, Dept. of Civil Engg.
11. Prof. Subrata Chakraborty, Dept. of Civil Engg.
12. Prof. Sudip Kumar Roy, Dept. of Civil Engg..
13. Prof. Ambarish Ghosh, Dept. of Civil Engg.
14. Prof. Chaitali Ray, Dept. of Civil Engg.
15. Prof. Aparna (Dey) Ghosh, Dept. of Civil Engg.
16. Prof. Debabrata Majumder, Dept. of Civil Engg.
17. Prof. Bibhutosh Adhikary, Dept. of Chemistry
18. Prof. Shyamal Kumar Chattopadhyay, Dept. of Chemistry
19. Prof. Prasanta Kumar Nandi, Dept. of Chemistry
20. Prof. Binay Krishna Ghorai, Dept. of Chemistry
21. Prof. Ajit Kumar Mahapatra, Dept. of Chemistry
22. Prof. Sudip Kumar Chattopadhyay, Dept. of Chemistry
23. Prof. Amit Kumar Das, Dept. of C.S.& T.
24. Prof. Susanta Chakraborty, Dept. of C.S.&T.
25. Prof. Sipra Das (Bit), Dept. of C.S.&T.
26. Prof. Biplab Kr. Sikdar, Dept. of C.S. & T
27. Prof. Sulata Mitra, Dept. of C. S. & T.
28. Prof. Gautam Bandyopadhyay, Dept. of Elec. Engg.
29. Prof. Biswarup Basak, Dept. of Elec. Engg.
30. Prof. Debasis Sarkar, Dept. of Elec. Engg.
31. Prof. Jagadish Pal, Dept. of Elec. Engg.
32. Prof. Ashoke Sutradhar Dept. of Elec. Engg.
33. Prof. Prasad Syam, Dept. of Elec. Engg.
34. Prof. Chandan Kumar Chanda, Dept. of Elec.Engg.
35. Prof. Aparajita Sengupta, Dept. of Elec. Engg.
36. Prof. Mainak Sengupta, Dept. of Elec. Engg.
37. Prof. Monojit Mitra, Dept. of E & T.C.
38. Prof. Santanu Das, Dept. of E. & T. C.
39. Prof. Madhumati Dutta, Dept. of Humanities & Social Sciences
40. Prof. Manas Kumar Sanyal, Dept. of Human Resource Management
41. Prof. Hafizur Rahaman, Dept. of Information Technology
42. Prof. Binayak Samaddar Choudhury, Dept. of Mathematics
43. Prof. Jagabandhu De, Dept.of Mathematics
44. Prof. Guruprasad Samanata, Dept.of Mathematics
45. Prof. Sanat Kumar Majumder, Dept. of Mathematics
46. Prof. Asoke Kumar Dhar, Dept. of Mathematics
47. Prof.Tapan Kr. Kar, Dept. of Mathematics
48. Prof. Parbati Saha, Dept. of Mathematics
49. Prof. Sisir Kumar Guha, Dept. of Mech. Engg.

50. Prof. Santanu Kumar Karmakar, Dept. of Mech. Engg.
51. Prof. Debasish Dutta, Dept. of Mech. Engg.
52. Prof. Sujoy Kumar Saha, Dept. of Mech. Engg.
53. Prof. Bijan Kumar Mandal, Dept. of Mech. Engg.
54. Prof. Shyamal Chatterjee, Dept. of Mech. Engg.
55. Prof. Amitava Basu Mallick, Dept. of Met. & Matls. Engg..
56. Prof. Swarup Kumar Ghosh, Dept. of Met. & Matls. Engg.
57. Prof. Prabir Kumar Paul, Dept. of Min. Engg.
58. Prof. Netai Chandra Dey, Dept. of Min. Engg.
59. Prof. Pratik Dutta, Dept. of Min. Engg.
60. Prof. Dipali Banerjee, Dept. of Physics
61. Prof. Bichitra Kumar Guha, Dept. of Physics
62. Prof. Sukhendu Sekhar Sarkar, Dept. of Physics
63. Prof. Mousumi Basu, Dept. of Physics
64. Prof. Nil Ratan Bandyopadhyay, School of Material Sciences and Engg.
65. Prof. Arindam Biswas, Associate Professor & Head, Dept. of Information Technology- Special Invitee
66. Prof. Tapas Kumar Gangopadhyay, Associate Professor & Head, Dept. of Earth Sciences - Special Invitee
67. Prof. Mallika Ghosh Sarbadhikary, Associate Prof. & Head, Dept. of Humanities & Social Science - Special Invitee
68. Prof. Amit Roy Chowdhury, Associate Professor, & Head, CHST - Special Invitee
69. Dr. Biman Bandyopadhyay, Registrar, IEST, Shibpur & Secretary, Senate

The leave of absence was granted in favour of the following members on 18<sup>th</sup> November, 2015:-

1. Prof. Aditya Bandyopadhyay, Department of Arch, T & R.P.
2. Prof. Souvanic Roy, Department of Arch. T. & R.P.
3. Prof. Arup Sarkar, Department of Arch. T. & R.P.
4. Prof. Keya Mitra, Department of Arch. T. & R.P.
5. Prof. Partha Sarathi Mukhopadhyay, Dept. of Arch. T. & R.P.
6. Prof. Anirban Gupta, Dept. of Civil Engineering
7. Prof. Anup Mondal, Dept. of Chemistry
8. Prof. Uma Bhattacharya, Dept. of C.S.&T.
9. Prof. Jaya Sil, Dept. of C.S. & T
10. Prof. B.P. Mukhopadhyay, Dept. of Earth Sciences
11. Prof. Avijit Chakraborty, Dept. of Electrical Engineering
12. Prof. Abdur Rouf, Dept. of Electrical Engineering
13. Prof. Debabrata Roy, Dept. of Elec. Engg.
14. Prof. Konika Das (Bhattacharya), Dept. of Elec. Engg..
15. Prof. Baidya Nath Ray, Dept. of E & T.C.
16. Prof. Santi Prasad Maity, Dept. of Information Technology
17. Prof. Basudeb Mukhopadhyay, Dept. of Mathematics
18. Prof. Murari Mitra, Dept. of Mathematics
19. Prof. Tapan Kr. Roy, Dept. of Mathematics
20. Prof. Apurba Kishore Dutta, Dept. of Mech. Engg
21. Prof. Somnath Chakrabarti, Dept. of Mech. Engg.
22. Prof. Subrata Chatterjee, Dept. of Met. & Materials Engg.
23. Prof. Indranath Sinha, Dept. of Mining Engg.
24. Prof. Suranjan Sinha, Dept. of Mining Engg.
25. Prof. Samar Jana, Dept. of Physics

At the outset, the Chairman extended a hearty welcome to the members of the Senate and reported that Hon'ble President of India convened a meeting in Rastrapati Bhavan on 4<sup>th</sup> November, 2015 with all the

Directors of Institutes of National Importance to discuss on Future of Higher Education in India. It was inaugurated by Shri Narendra Modi, Hon'ble Prime Minister of India and attended by the Hon'ble MIC, Higher Education, Government of India. In that meeting the Directors of IITs and NITs signed MOU with the leading industries and foreign universities for the research and development in the frontier technology. Indian Institute of Engineering Science and Technology, Shibpur signed following six MOUs.

- i) MoU on R&D Relevant to Energy, Transportation and Transmission Sectors with Bharat Heavy Electricals Ltd.
- ii) MoU on Collaborative Research & Green Roadway with Bitchem Asphalt Technologies.
- iii) MoU on collaborative Research, Faculty, Curriculum and Infrastructure Development with Garden Reach Ship Builders & Engineers Ltd.
- iv) MoU on Materials Science, Engineering and Technology with M. N. Dastur & Company (P) Ltd.
- v) MoU on joint Academic and Research Program in Analog & Mixed Signal VLSI Integrated Circuit Design and Fabrication with Sankalp Semiconductors.
- vi) MoU on Collaborative Research, Faculty Exchange, Curriculum and Infrastructure Development with SkyBits Technology Pvt. Ltd.

There after the Director placed the agenda before the members to proceed with the agenda one by one.

**Item No.05.01**

**Confirmation of the Proceedings of the 4<sup>th</sup> Meeting of the Senate held on Wednesday, the 19<sup>th</sup> August, 2015 at 11.45 a.m. on Wednesday, the 26<sup>th</sup> August, 2015 at 3.30 p.m. and on the Saturday, the 29<sup>th</sup> August, 2015 at 11 a.m.**

**Resolution No.05.01**

The Senate discussed the matters of the 4<sup>th</sup> meeting and confirmed the proceeding with the following modifications:

Resolution no. 04.11.M3.01 : The resolution will be replaced by the following:

The Senate approved in principle the introduction of 5-year integrated Dual Degree M.Sc course in the Departments of Physics, Chemistry, Mathematics and Earth Sciences from the academic session 2015-16. The agenda shall be further discussed in the next meeting of the Senate.

**Matter Arising out of the proceedings of the 4<sup>th</sup> meeting of the senate:**

1. The Senate further discussed in detail on the Resolution no. 04.11.M3.01 and resolved that a committee with the following members be constituted to formulate the course structure of the 5 year integrated M.Sc courses of the Departments of Physics, Chemistry, Mathematics and Earth Sciences:
  - (i) Dean, Academic Affairs – Chairman
  - (ii) Dean, Faculty Affairs – Member
  - (iii) Prof. Shyamal Kr. Chattopadhyay, Member, BOG – Member
  - (iv) HOD, Physics – Member
  - (v) HOD, Chemistry – Member
  - (vi) HOD, Mathematics – Member
  - (vii) HOD, Earth Sciences – Member
  - (viii) Prof. Sudip Kr. Chattopadhyay, Associate Dean, Academic Affairs - Convener

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

