

Proceedings of the 24th meeting of the Senate held on November 28th, 2019 at 11 a.m. at the Alumni Seminar Hall of the Institute

The 24th meeting of the Senate was held in the Alumni Seminar Hall of the Institute on Thursday, the 28th November, 2019 at 11 a.m. The following members and invitees participated.

Chairman, Senate

1. Prof. Parthasarathi Chakrabarti, Director Chairman

Department of Aerospace Engineering and Applied Mechanics

2. Prof. Amit Roy Chowdhury Member
3. Prof. Koustuv Debnath Member
4. Prof. Rana Roy Member
5. Prof. Santanu Majumder Member
6. Prof. Salil Halder Member
7. Prof. Subhasis bhaumik Member
8. Prof. Sujay Kumar Mukherjea Member

Department of Architecture Town and Regional Planning

9. Prof. Aditya Bandyopadhyay Member
10. Prof. Arup Sarkar Member
11. Prof. Keya Mitra Member
12. Prof. Partha Sarathi Mukhopadhyay Member
13. Prof. Souvanic Roy Member
14. Prof. Swati Saha Member

Department of Civil Engineering

15. Prof. Aparna (Dey) Ghosh Member
16. Prof. Ambarish Ghosh Member
17. Prof. Anirban Gupta Member
18. Prof. Debabrata Mazumder Member
19. Prof. Kalyan Kr. Chattopadhyay Member
20. Prof. Kalyan Kumar Bhar Member
21. Prof. Subrata Chakraborty Member
22. Prof. Sudip Kr. Roy Member

Department of Chemistry

23. Prof. Ajit Kumar Mahapatra Member
24. Prof. Anup Mondal Member
25. Prof. Binaykrishna Ghorai Member
26. Prof. Prasanta Kumar Nandi Member
27. Prof. Shyamal Kumar Chattopadhyay Member
28. Prof. Sudip Kumar Chattopadhyay Member

Department of Computer Science and Technology

29. Prof. Asit Kumar Das Member
30. Prof. Biplab Sikdar Member
31. Prof. Jaya Sil Member
32. Prof. Sekhar Mandal Member
33. Prof. Sipra Das Bit Member
34. Prof. Sulata Mitra Member
35. Prof. Susanta Chakraborty Member

Department of Earth Science

36. Prof. Ananya Mukhopadhyay Invitee

Department of Electrical Engineering

37. Prof. Abdur Rouf	Member
38. Prof. Anindita Sengupta	Member
39. Prof. Aparajita Sengupta	Member
40. Prof. Ashoke Sutradhar	Member
41. Prof. Konika Das (Bhattacharya)	Member
42. Prof. Prasad Syam	Member

Department of Electronics and Telecommunication Engineering

43. Prof. Santanu Das	Member
44. Prof. Susanta Kumar Parui	Member
45. Dr. Ayan Banerjee, Associate Professor and Head	Invitee

Department of Humanities and Social Sciences

46. Dr Partha Sarathi Roy, Associate Professor and Head	Invitee
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Department of Human Resource Management

47. Prof. Manas Kumar Sanyal	Member
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Department of Information Technology

48. Prof. Arindam Biswas	Member
49. Prof. Hafizur Rahaman	Member
50. Prof. Santi Prasad Maity	Member

Department of Mathematics

51. Prof. Asoke Kumar Dhar	Member
52. Prof. Binayak Samaddar Choudhury	Member
53. Prof. Guruprasad Samanta	Member
54. Prof. Jagabandhu De	Member
55. Prof. Murari Mitra	Member
56. Prof. Parbati Saha	Member
57. Prof. Pritha Das	Member
58. Prof. Sanat Kr. Majumder	Member
59. Prof. Tapan Kr. Kar	Member
60. Prof. Tapan Kr. Roy	Member

Department of Mechanical Engineering

61. Prof. Bijan Kumar Mandal	Member
62. Prof. Debasis Datta	Member
63. Prof. Parthapratim Dey	Member
64. Prof. Santanu Kumar Karmakar	Member
65. Prof. Sisir Kumar Guha	Member
66. Prof. Shymal Chatterjee	Member
67. Prof. Subhas Chandra Mondal	Member
68. Prof. Sujoy Kumar Saha	Member

Department of Metallurgy and Materials Engineering

69. Prof. Amitava Basu Mallick	Member
70. Prof. Manojit Ghosh, Associate Professor and Head	Invitee

Department of Mining Engineering

71. Prof. Netai Chandra Dey	Member
72. Prof. Pratik Dutta	Member
73. Prof. Suranjan Sinha	Member
74. Prof. Sudipta Mukhopadhyay	Member

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Department of Physics

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| 75. Prof. Bichita Kr. Guha | Member |
| 76. Prof. Dipali Banerjee | Member |
| 77. Prof. Mousumi Basu | Member |
| 78. Sukhendu Sekhar Sarkar | Member |
| 79. Prof. Krishnendu Mukherjee, Associate Professor and HOD | Invitee |

School of Material Science and Engineering

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| 80. Prof. Nil Ratan Bandyopadhyay | Member |
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Other Invitee

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| 81. Dr. Nirmalya Kr. Bhattacharyya, Deputy Registrar (Academic) | Invitee |
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Special Invitees

82. Mr. Sonu Kumar Sharma, General Secretary, Students' Senate
83. Mr. Aman Kumar, Asst. General Secretary, Students' Senate

Secretary

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| 84. Dr. Biman Bandyopadhyay
Registrar | Secretary |
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Leave of absence granted of the following members:

Department of Electrical Engineering

1. Prof. Chandan Kumar Chanda

Department of Mining Engineering

1. Prof. Prabir Kumar Paul
2. Prof. Indranath Sinha

Following members were absent:

Department of Civil Engineering

1. Prof. Chaitali Ray
2. Prof. Debashis Moitra

Department of Chemistry

3. Prof. Bibhutosh Adhikary

Department of Computer Science and Technology

4. Prof. Amit Kumar Das
5. Prof. Uma Bhattacharya

Department of Electrical Engineering

6. Prof. Avijit Chakraborty
7. Prof. Debasis Sarkar
8. Prof. Goutam Bandyopadhyay
9. Prof. Biswarup Basak
10. Prof. Jagadish Pal
11. Prof. Debabrata Roy
12. Prof. Mainak Sengupta

Department of Electronics and Telecommunication Engineering

13. Prof. Baidya Nath Ray
14. Prof. Monojit Mitra

Department of Mathematics

15. Prof. Basudeb Mukhopadhyay

Department of Mechanical Engineering

16. Prof. Apurba Kishore Dutta

17. Prof. Somnath Chakrabarti

Department of Metallurgy and Materials Engineering

18. Prof. Subrata Chatterjee

19. Prof. Swarup Kr. Ghosh

The Chairperson welcomed the members and invitees present. The Chairperson apprised the members about the meeting of the Directors of IITs, NITs and IEST, Shibpur with the Honorable Visitor. The Chairperson reported that along with some of the IITs and NITs, IEST, Shibpur was also invited to present its best practices. It was a pleasure to inform the Visitor that IEST, Shibpur has performed better than most of the NITs and some of the IITs in the NIRF ranking last year so far as Teaching-Learning Process (TLP) criteria is concerned. He also informed the house that the Honorable HRD Minister has advised the Institutes to fill up the vacancies in the faculty positions as early as possible. The Chairperson then requested the Secretary to Senate to place the agenda item-wise for discussion.

Item No.24.01 Confirmation of the Proceedings of the 22nd meeting of the Senate held on 8th July, 2019 at 11 a.m. and its adjourned session held on 10th July, 2019 and 11th July 2019 at the Alumni Seminar Hall of the Institute.

Resolution No. 24.01

The draft proceedings of the 22nd meeting of the Senate held on 8th July, 2019 at 11 a.m. and its adjourned session held on 10th July, 2019 and 11th July 2019, 2019 were circulated amongst members and invitees, and it was confirmed with necessary modifications pointed out by the members.

Under Resolution No-22..06 point no (e), the course name will be 'Research Methodology & Technical Writing' instead of 'Research Methodology & Documentation'.

Under Resolution No-22.14.M1, 'by all Departments/Schools/Centers' to be replaced 'by names of Departments/Schools/Centers.'

Under Resolution No-22.14.M7, the BOAC member of Deptt. of Chemistry at Sl. No-5 will be Dr. Prosenjit Kar instead of Dr. Supriya Dutta and regarding the BOAC member of Deptt. of Humanities & Social Science, at Sl. No-5, HOD, HSS shall submit the name of an alternative expert.

It was also resolved that all decisions of the BOAC shall be routed through Dean (Academic).

Item No. 24.02 Confirmation of the Proceedings of the 23rd meeting of the Senate held on 16th July, 2019.

Resolution No. 24.02

The draft of the Proceedings of the 23rd meeting of the Senate held on 16th July 2019, circulated among the member was confirmed with the following modifications.

Following will be added after the resolution.

- i) As per the advice of the Chairman, Senate the election was conducted by the Registrar.
- ii) Out of 98 senators, a total of 85 members cast their votes.
- iii) After counting in front of the members present the following was the result:

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Sl. No.	Name of the Candidate	Department	Nos. of votes	Positions
1	Prof. Aditya Bandyopadhyay	Architecture Town & Regional Planning	39	2 nd
2.	Prof. Binoyskrishna Ghorai	Chemistry	36	3 rd
3.	Prof. Shyamal Kumar Chattopadhyay	Chemistry	50	1 st
4.	Prof. Subrata Chakraborty	Civil Engineering	35	4 th

- iv) Prof. Shyamal Kumar Chattopadhyay, Department of Chemistry and Prof. Aditya Bandyopadhyay, Department of Architecture Town & Regional Planning secured the 1st and 2nd position respectively.
- v) As such the following two members were elected by the Senate.
1. Prof. Shyamal Kumar Chattopadhyay, Dept. of Chemistry
 2. Prof. Aditya Bandyopadhyay, Department of Architecture Town & Regional Planning.

Item No 24.03 Confirmation of the Proceedings of the 10th Emergency meeting of the Senate held on 30th July, 2019.

Resolution No. 24.03

The draft of the proceedings of the 10th Emergency meeting of the Senate held on 30th July, 2019, circulated among the members was confirmed. In that meeting, a Committee was decided to be constituted for fixing the criteria from the next year for admission to PG programs of all Science, Engineering, Arch. & Planning branches and the Committee was supposed to submit its report before 31st October 2019. However, since no office order has been issued till date it was resolved that an office order be issued immediately and the Committee be permitted to submit report within 31st December 2019.

Item No.24.04 To ratify the approval of the Director regarding continuation of the fellowship of the existing research scholars till their final Ph.D. viva-voce as per the existing offer letters based on the recommendation of the Committee constituted vide Office Order No. RDO/1682/19 dated 20th September, 2019.

Resolution No. 24.04

The Senate ratified the the approval of the Director regarding continuation of the fellowship of the existing research scholars (admitted before 2019-2020 session) till their final Ph.D. viva-voce as per the existing offer letters based on the recommendation of the Committee constituted vide Office Order No. RDO/1682/19 dated 20th September, 2019. It was also decided that henceforth the Institute fellows (Admission session 2019-2020 session onwards) shall enjoy their fellowship till the date of submission of his/her thesis or completion of 5 years whichever is earlier.

Item No. 24.05 To note the office order no. RMS/9408/19 dt. 30.08.2019 and RDO/1757/19 dt. 11.10.2019 regarding constitution of the Senate Under Graduate Committee (SUGC).

Resolution No. 24.05

The Senate noted the same. In view of the suggestion of the student members, the Senate also resolved that new student representative be inducted in SPGC & SUGC by replacing the existing student members as the existing student members were not proposed by the Student Senate. The Student Senate shall submit the names of proposed members to the Chairman Senate for inclusion in SUGC & SPGC.

Item No. 24.06 To note the office order no. RMS/9405/19 dt. 29.08.2019 regarding constitution of the Senate Post Graduate Committee (SPGC).

Resolution No. 24.06

The Senate noted the same and approved inclusion of new student members replacing the existing student members as per nomination of Student Senate.

Item No. 24.07 To consider the note for introduction of different short and long duration management courses through an MoU between School of Management Sciences-IEST (SOMS), Shibpur and The Strategy Academy Centre for Advanced Studies.

Resolution No. 24.07

The Senate members discussed at length the content of the draft MoU placed before the house between The Strategic Academy Centre for Advanced Studies (TSACAS) and IEST, Shibpur regarding collaboration between TSACAS and the School of Management Sciences(SOMS). The members agreed that a new venture should be launched in promoting a digital platform for offering short and long term courses to the person already in service to begin with. However, the members opined that before starting the collaborative venture, several aspects have to be examined carefully, viz., credential of the organization offering such collaboration, feedback of reputed Institutes who have had such collaboration, viability of the scheme and financial implication with regard to IEST, Shibpur.

It was resolved that :

The Senate agrees in principle, to start a collaborative work with TSACAS as proposed. But before finalizing the scheme, the following Committee should explore the viability of the proposed collaboration programme between TSACAS and IEST, Shibpur.

1. Prof. Bichitra Kumar Guha, Head, SOMS – Chairman.
2. Prof. Manas Kumar Sanyal, Head. HRM -- Member.
3. Prof. Aparajita Sengupta, Dept. Of Electrical Engineering – Member.
4. Prof. Parthasarathi Mukhopadhyay, Head, Dept. of A T & R P – Member.
5. Dr. Rupen Basu Mallick, Associate Professor, Dept. of Humanities and Social Sciences – Convenor.

The Committee shall look into the credentials of TSACAS, get feedback from reputed Institutes who have had such collaboration with TSACAS, viability of the scheme and financial implications of the scheme with regard to IEST, Shhibpur.

The Committee shall submit its report and recommendation to the Director by 31st December, 2019.

Item No.24.08 To discuss matters related to next Convocation of the Institute.

Resolution No. 24.08

Considering the unavailability of the Chairman, BOG till end of December, 2019 , the Senate resolved to hold the 6th Annual Convocation -2019 of IEST,Shibpur on 31.1.2020 for this year only.

Item No. 24.09 To consider the recommendations of the following agenda items of the 14th meeting of the Senate Standing Committee on emergent academic matters held on 15th May, 2019:

Agenda No.14.8 To consider the application of Shubham Shrivastava, M.Tech. 2nd Semester, Dept. Mining Engg. for undertaking his M.Tech. Project work at the Northern Coalfields Limited, Singrauli, MP, where he has been offered appointment to the post of Jr. Overman with effect from May 15,2019.

Agenda No.14.9M1: D.O. No. 067/ATRP/Dean-AC/MoD-ATRPCurSTR-Sen/2k18 dated 19th May, 2019 regarding implementation of the proposed modification pertaining to the B.Arch programme with immediate effect and implementation of the proposed modifications pertaining to the MURP programme with effect from 2019-20.

Agenda No.14.9M2: Application for extension of Ph.D. Registration of Mr. Sourav Pal (Registration Mo. Ph.D/R/2012/0082 w.e.f. 30.11.2012)

Agenda No.14.9M3: Application for extension of Ph.D. Registration of Mr. Sumanta Mandal (Registration Mo. Ph.D/R/2013/0035 w.e.f. 26.04.2013)

Agenda No.14.9M4: Application for extension of Ph.D. Registration of Mr. Sayan Das (Registration Mo. Ph.D/R/2013/0051 w.e.f. 14.02.2013)

Agenda No.14.9M5: Application for extension of Ph.D. Registration of Mr. Srimanta Manna (Registration Mo. Ph.D/R/2014/0011 w.e.f. 26.03.2014)

Resolution No. 24.09

Agenda item. No.14.8 -- The Senate discussed the issue in details & resolved that the student will be given scope as per rule . The HOD-Mining Engineering Department was advised to check the necessary details regarding the student's NOC, Registration etc and then to submit the same to the Dean (Academic). The Dean (Academic) shall place it to the Chairman , SPGC for his consideration and recommendation.

Recommendations of the Agenda item No.14.9M1 to 14.9M5 of the 14th meeting of the Senate Standing Committee were approved .

**Item No. 24.10 To ratify the approval of the Chairman, Senate regarding following resolutions agenda items of the 14th meeting of the Senate Standing Committee on emergent academic matters held on 15th May, 2019:
Resolution on Agenda item Nos, 14.1, 14.2 and 14.3**

Resolution No. 24.10

The Senate ratified the recommendation of the Agenda item Nos, 14.1, 14.2 and 14.3 of the 14th meeting of the Senate Standing Committee .

Item No.24.11 To consider the resolution of the 1st meeting of the Senate Post Graduate Committee (SPGC) held on 25.10.2019.

Resolution No. 24.11

The Senate discussed the issue in details & resolved that

- (1) Advt. for Ph.D Programme of July session shall be published at the earliest .
- (2) It was also resolved that the marksheet shall be in the old pattern (marks & grade system) for the students of 2nd year 3rd year, 4th year & 5th year (UG & PG) & the marksheet shall be as per the format proposed in ordinance for the 1st year students(UG & PG). It is also resolved that Ph.D certificate to be issued in the ensuing convocation shall be in old format.
- (3) It was also resolved that the certificate to be distributed among the students in the ensuing convocation shall have two signatories (a) Director and the Chairman-Senate & (b) The Registrar.

Item No. 24.12 To consider the resolution of the 1st meeting of the Senate Under Graduate Committee (SUGC) held on 05.11.2019.

Resolution No. 24.12

The Senate considered the resolution of the 1st meeting of the Senate Under Graduate Committee (SUGC) held on 05.11.2019 & opined that henceforth all Under Graduate Academic issues be routed through the DUGC & then through the SUGC.

Item No. 24.13 To consider the note from the Dean (Academic) regarding Rank list and Medal List of 6th Annual Convocation.

Resolution No. 24.13

The Dy. Registrar (Academic) presented in details about the medal recipients & rank list before the Senate for consideration. It was stated that the total number of degree recipients so far is 950. The Senate also resolved that the last date of Ph.D viva –voce for this ensuing convocation shall be considered upto 15.01.2020.

It was also resolved that there will be a slight modification with regard to the list of students to be awarded BE degree in Electrical Engineering. It may be read as ‘List of Students’ in place of ‘Rank List of Students’(Page 76).

Item No. 24.14 To consider the proposal of Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB) regarding collaborative M.Tech. project/thesis work at Dr. MN Dastur School of Materials Science and Engineering.

Resolution No. 24.14

The Senate considered the proposal of Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT, WB) regarding collaborative M.Tech. project/thesis work at M.N Dastur School of Materials Science and Engineering and approved the same in principle. It was also resolved that the shares / revenues to be received by the IEST, Shibpur should be finalized for this kind of collaboration in advance.

Item No. 24.15 To consider the report for extension of Ph.D registration of three Research Scholars based on the recommendation of the 4th emergent meeting of the Senate Standing Committee on emergent academic matters held on June 18, 2019 and as per advice of the Director.

Resolution No. 24.15

The Senate considered the report for extension of Ph.D registration of three Research Scholars based on the recommendation of the 4th emergent meeting of the Senate Standing Committee on emergent academic matters held on June 18, 2019 . The Senate also ratified the recommendation of 4th emergency meeting of SSC and resolved that all three research scholar, viz Ms. Alono Thorie (Registration No PhD/R/2013/0042 dated 18.07.2013) Ms. Tithi Banerjee (Registration No PhD/R/2013/0043 dated 18.07.2013) Ms. Priyanka Mazumdar (Registration No PhD/R/2013/0041 dated 18.07.2013) be granted extension of the Ph.D. registration from July, 2019 to June, 2020 based on the performance and progress report of the scholars as presented by Prof. Ananya Biswas, Supervisors of three scholars.

Item No. 24.16 To consider the recommendations of the following agenda items of the 16th meeting of the Senate Standing Committee held on 9th August, 2019:

Agenda Item No.16.02 To consider application for change of PhD Supervisor.

Agenda Item No.16.01(SI No 14) To consider applications for extension of PhD registration of Suman Ghosal

Agenda Item No. 16.06 To consider the application for change of name of the PG course in the Department of AE & AM from M.Tech. in Engineering Mechanics to M.Tech. in Applied Mechanics.

Resolution No. 24.16

Agenda Item No.16.02 ---- The Senate did not consider the application for change of PhD Supervisor & advised Prof. Amitava Basumallick to continue as supervisor.

Agenda Item No. 16.01(14)--- The Senate resolved that the case of Suman Ghosal, a Ph.D scholar should be routed through the SSC with proper documentation at the earliest for consideration.

Agenda Item No. 16.06 ---- It has been informed that change of name of the PG course in the Department of AE & AM from M.Tech. in Engineering Mechanics to M.Tech. in Applied Mechanics has already been done in the new ordinance.

Item No. 24.17 To consider the proposal of Prof. Subhasis Bhaumik, Dean (Research and Consultancy) regarding MoU for academic and technical tie-up between IEST, Shibpur and Haldia Institute of Technology (HIT), Haldia.

Resolution No. 24.17

The Senate accepted the proposal in principle & resolved that a separate Committee be formed with the following members to consider such cases .

1. Dean (Research & Consultancy)
2. Dean (Academic)
3. Dean (P&D)
4. Prof. Konika Das Bhattacharya
5. Prof. Arindom Biswas

The Committee will examine all such proposal on case case basis on the basis of well defined guideline to be framed by the committee.

Item No. 24.18 To ratify the approval of the Director regarding the clubbing of two separate courses namely Research Methodology and Technical Writing into a single 4 credit courses under the name of 'Research Methodology'.

Resolution No. 24.18

The Senate ratified the proposal & resolved to rename the course as " Research Methodology & Technical Writing "

Item No. 24.19 To note the report placed by the Chairman, SPGC regarding the list of Ph.D. awardees since last convocation.

Resolution No. 24.19

The Senate noted the report placed by the Chairman, SPGC regarding the list of Ph.D. awardees since last convocation.

Item No. 24.20 To ratify the approval of the Chairman, Senate regarding following resolutions on the Agenda Items of the 16th meeting of the Senate Standing Committee held on 9th August, 2019:

Resolution on Agenda Items No. 16.1 (except sl. No. 14), 16.4, 16.5, 16.7, 16.8, 16.9, 16.10)

Resolution No. 24.20

The Senate ratified the approval of the Chairman, Senate regarding the resolutions on the Agenda Items No. 16.1 (except sl. No. 14), 16.4, 16.5, 16.7, 16.8, 16.9, 16.10 of the 16th meeting of the Senate Standing Committee held on 9th August, 2019.



Item No. 24.21 To ratify the approval of the Chairman, Senate regarding joining of Sri Shreyan Banerjee (Enrolment No. 510617043), 3rd year Electrical Engineering Department under Summer internship programme at University of Bremen.

Resolution No. 24.21

The Senate ratified the approval of the Chairman, Senate regarding joining of Sri Shreyan Banerjee (Enrolment No. 510617043), 3rd year Electrical Engineering Department under Summer internship programme at University of Bremen.

Item No. 24.22 To consider the recommendation of the Chairman,SPGC regarding the application of Sri Shib Sankar Basak to attend Ph.D coursework without taking leave.

Resolution No. 24.22


The Senate approved the recommendation of the Chairman, SPGC regarding the application of Sri Shib Sankar Basak to attend Ph.D coursework without taking leave.

Item No. 24.23.M1: To consider the recommendation of SPGC Chairman on the DPGC resolution regarding the case of Shri Anand Kumar Bharti, a Ph.D. Scholar, Dept of Mechanical Engineering.

Resolution No. 24.23M1

The Senate discussed the matter & resolved that the Department shall issue a show cause notice to Shri Anand Kumar Bharti, a Ph.D. Scholar, Dept of Mechanical Engineering.

There being no other agenda, the meeting ended with Vote of Thanks to the Chair.


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

Approved



(Prof. Parthasarathi Chakrabarti)
Chairman, Senate and Director, IEST, Shibpur