

**NATIONAL INSTITUTE OF TECHNOLOGY
DURGAPUR
WEST BENGAL, INDIA**

**52ND SENATE MEETING
DATE: 20TH DECEMBER, 2018
TIME: 11.00 AM
VENUE: SENATE ROOM**



MINUTES

The meeting was attended by the following persons.

1. **Prof. Anupam Basu** : Chairman
Director & Chairman-Senate
NIT Durgapur
2. **Mr. B. Bhattacharya** : Invitee Member
Alumni Representative
3. **Prof. S. Chattopadhyay** : Member
Department of BT,
NIT Durgapur
4. **Prof. A. Dey** : Member
Department of BT,
NIT Durgapur
5. **Prof. Dalia Dasgupta Mandal,** : Member
HoD, Department of BT,
NIT Durgapur
6. **Prof. Kaustav Aikat** : Member
Department of BT,
NIT Durgapur
7. **Prof. (Ms.) Surabhi Chaudhuri** : Member
Department of BT,
NIT Durgapur
8. **Prof. SuditSekhar Mukhopadhyay** : Member
Department of BT,
NIT Durgapur
9. **Prof. B.P. Mukhopadhyay** : Member
Department of Chemistry
NIT Durgapur
10. **Prof. Dipankar Sukul ,** : Member
HoD, Department of Chemistry,
NIT Durgapur
11. **Prof. A.K. Patra** : Member
Department of Chemistry,
NIT Durgapur
12. **Prof. M. Maji** : Member
Department of Chemistry,
NIT Durgapur



13. **Prof. R.N. Saha** : Member
Department of Chemistry,
NIT Durgapur
14. **Prof. S.C. Moi** : Member
Department of Chemistry,
NIT Durgapur
15. **Prof. P. Gupta** : Member
Department of Chemical,
NIT Durgapur
16. **Prof. P. Pal** : Member
Department of Chemical Engg.,
NIT Durgapur
17. **Prof. K. C. Ghanta** : Member
Department of Chemical Engg.,
NIT Durgapur
18. **Prof. T. Mandal** : Member
Department of Chemical Engg.,
NIT Durgapur
19. **Prof. A.K. Sadhukhan** : Member
Department of Chemical Engg.,
NIT Durgapur
20. **Prof. G. Halder** : Member
Department of Chemical Engg.,
NIT Durgapur
21. **Prof. D.K. Singha Roy** : Member
Department of Civil Engg.,
NIT Durgapur
22. **Prof. P. Ray** : Member
Department of Civil Engg.,
NIT Durgapur
23. **Prof. K. Bhattacharya** : Member
Dean (P&D), Dept. of Civil Engg.,
NIT Durgapur
24. **Prof. A. Das.** : Member
Department of Civil Engg.
NIT Durgapur



25. **Prof. S. Saha** : Member
Department of Civil Engg.
NIT Durgapur
26. **Prof. V.K. Dwivedi** : Member
Department of Civil Engg.
NIT Durgapur
27. **Prof. S. Bhattacharya** : Member
Department of Civil Engg.
NIT Durgapur
28. **Prof. A.K. Banik** : Member
Department of Civil Engg.
NIT Durgapur
29. **Prof. A.K. Samanta** : Member
Department of Civil Engg. NIT Durgapur
30. **Prof. (Mrs.) Tandra Pal** : Member
Dept. of Computer Science & Engg.
NIT Durgpur
31. **Prof. (Mrs.) Suchismita Roy** : Member
Dept. of Computer Science & Engg.
NIT Durgpur
32. **Prof. Debashis Nandi** : Member
Dept. of Computer Science & Engg.
NIT Durgpur
33. **Prof. Subhrabrata Choudhury** : Member
Dept. of Computer Science & Engg.
NIT Durgpur
34. **Prof. Mousumi Roy,** : Member
Dept. of Management Studies
NIT Durgpur
35. **Prof. Avijan Dutta,** : Member
HoD, Dept. of Management Studies
NIT Durgpur
36. **Prof. A.K. Bhattacharjee,** : Member
Dept. of Electronics & Communication Engineering
NIT Durgpur
37. **Prof. Sumit Kundu** : Member
Dept. of Electronics & Communication Engineering
NIT Durgpur


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38. **Prof. Rowdra Ghatak** : Member
Dept. of Electronics & Communication Engineering
NIT Durgpur
39. **Prof. Ashis Kr. Mal** : Member
HoD, Dept. of Electronics & Communication Engineering
NIT Durgpur
40. **Prof. Rajat Mahapatra** : Member
Dept. of Electronics & Communication Engineering
NIT Durgpur
41. **Prof. S.S. Thakur** : Member
Dept. of Electrical Engineering
NIT Durgpur
42. **Prof. N.K. Roy** : Member
Dept. of Electrical Engineering
NIT Durgpur
43. **Prof. Saradindu Ghosh** : Member
Dept. of Electrical Engineering
NIT Durgpur
44. **Prof. Subrata Banerjee** : Member
Dept. of Electrical Engineering
NIT Durgpur
45. **Dr. Parnima Acharjee** : Member
HoD, Dept. of Electrical Engineering
NIT Durgpur
46. **Prof. Tapas Kr. Saha** : Member
Dept. of Electrical Engineering
NIT Durgpur
47. **Prof. Sankar Narayan Mahato** : Member
Dept. of Electrical Engineering
NIT Durgpur
48. **Prof. Chiranjib Koley** : Member
Dept. of Electrical Engineering
NIT Durgpur
49. **Prof. A. Gangopadhyay** : Member
Dept. of Earth & Environmental Studies
NIT Durgpur



50. **Prof. K. Adhikari** : Member
HoD, Dept. of Earth & Environmental Studies
NIT Durgpur
51. **Prof. P.P. Sengupta** : Member
Dept. of Humanities and Social Sciences
NIT Durgpur
52. **Prof. (Mrs.) Kajla Basu** : Member
Dept. of Mathematics & HoD, Dept. of HSS
NIT Durgpur
53. **Dr. (Mrs.) Seema Sarkar (Mondal)** : Member
Dept. of Mathematics
NIT Durgpur
54. **Prof. I. Basak** : Member
Dean (Academic)
Dept. of Mechanical Engineering
NIT Durgpur
55. **Prof. B. Halder** : Member
Dean (SW)
Dept. of Mechanical Engineering
NIT Durgpur
56. **Prof. A.K. Saha** : Member
Dept. of Mechanical Engineering
NIT Durgpur
57. **Prof. A.N. Mllick** : Member
HoD, Dept. of Mechanical Engineering
NIT Durgpur
58. **Prof. Nirmal Baran Hui** : Member
Dept. of Mechanical Engineering
NIT Durgpur
59. **Prof. Shibendu Shekhar Roy** : Member
Dept. of Mechanical Engineering
NIT Durgpur
60. **Prof. Apurba Layek** : Member
Dept. of Mechanical Engineering
NIT Durgpur
61. **Prof. Joydeep Maity** : Member
Dept. of Metallurgical and Materials Engineering
NIT Durgpur



62. **Prof. A. K. Meikap** : Member
Dept. of Physics
NIT Durgpur

63. **Mr. Soumya Sen Sharma** : Secretary
Registrar
NIT Durgapur

Prof. S. Sen, Prof.(Mrs.) S. Dasgupta, Sri S. Chatterjee, Prof. A. Raychaudhuri, Mr. S. Bhowmik, Ms. B. Arshad, Dr. R.P. Nanda, Dr.SamarjitKar, Prof. N. Banerjee, Prof. A.B. Puri, Prof. K.S. Ghosh, Dr. S. Pramanik, Prof. P. Kumbhakar, Prof. A.K. Chakraborty, Prof. G. Sanyal, Prof. S. Nandi, Prof. B. Maji, Prof. G.K. Mahanti and Prof. S.P. Ghoshal could not attend the meeting and were granted leave of absence.



The Chairman welcomed the Senate members to the meeting and requested Member Secretary, Senate to present the agenda of the 52nd Senate meeting.

Item No.52.1: Confirmation of the Minutes of the 51st Senate Meeting

The minutes of the 51st Senate meeting were confirmed by the Senate.

Item No. 52.2: Action Taken Report

The Senate of the Institute noted the Action Taken Report with the following addendum.

51.4 The following committee was constituted by the Senate to frame the policy and mechanism for the award of doctorate honoris causa to eminent persons in the next convocation.

1. Prof.Sudip Chattopadhyay (BT) - Convenor
2. Prof.Parimal Pal (CH) - Member
3. Prof.Pathik Kumbhakar (PH) - Member
4. Prof.Seema Sarkar Mandal (MA) - Member

Item No. 52.3: To consider issues related to the UG and PG studies

The Senate considered issues related to the UG and PG studies, including reforms in the examination system and resolved the following.

The following committee was constituted to propose reforms in the examination system, including flexibility, revision in attendance rule and the modalities to offer the EAA courses in the third semester onwards. The committee will submit the report to Chairman, Senate by January 31, 2019.

1. Prof. S. Ghosh (EE) - Chairperson
2. Dean (Academic) - Member – ex-officio
3. Prof. Tandra Pal (CS) - Member
4. Prof. Sumit Kundu (EC) - Member
5. Prof. Milan Majhi (CY) - Member
6. Dr. Debashis Mitra (CS) - Member
7. Associate Deans (A&E) - Members – ex-officio
8. Deputy Registrar (A&E) - Convenor

Meanwhile, the attendance rule as resolved in the 49th Senate meeting will be in vogue during the even semester, 2018-19 with an addendum that the grade shall not be reduced below 'P' grade in any case.

Item No. 52.4: To consider issues related to the PhD studies

The Senate ratified the minutes of the RAC meeting held on 05/11/2018. The award of PhD degree to 17 candidates and the registration of 3 candidates for the PhD program were ratified already approved by Chairman, Senate, were ratified.



List of candidates awarded PhD degree:

Sl. No	Regn. No.	Dept	Candidates Name	Name of the Supervisor	Date of Award
1	NITD/PHD/MME/2013/00434	MM	Alok Mishra	Dr. J. Maity	01.10.2018
2	NITD/PHD/CHE/2014/00553	CH	Gargi Biswas	Dr. S. Dutta Dr. K. Adhikari	05.10.2018
3	NITD/PHD/CE/2015/00617	CE	Sanjay Sengupta	Dr. A. K. Dutta Dr. P. Topdar	08.10.2018
4	NITD/PHD/ch/2014/00524	CY	Suvanka Dutta	Dr. R. N. Saha	11.10.2018
5	NITD/PHD/CSE/2014/00519	CS	SumanaKundu	Dr. G. Sarkar	12.10.2018
6	NITD/PHD/PH/2015/00694	PH	SumanaMandal	Dr. M. K. Mandal	22.10.2018
7	NITD/PHD/CY/2011/00277	CY	AninditaSikdar	Dr. S. S. Panja	26.10.2018
8	NITD/PHD/CSE/2014/00476	CS	Sandeep Saxena	Prof. G. Sanyal	29.10.2018
9	NITD/PHD/ME/2014/00498	ME	X Canute Motha	Prof. M. C. Majumder	29.10.2018
10	NITD/PHD/ECE/2014/00458	EC	HemantPatidar	Dr. G. K. Mahanti	30.10.2018
11	NITD/PHD/CHE/2015/00619	CH	KoelSaha	Dr. J. Sikdar	31.10.2018
12	NITD/PHD/M/2014/00543	MA	KanikaMandal	Prof. K. Basu	31.10.2018
13	NITD/PHD/M/2014/00500	MA	AbhirupBandyopadhyay	Dr. S. Kar Dr. D. Datta, Mumbai	31.10.2018
14	NITD/PHD/MME/2014/00531	MM	BiswarupBandyopadhyay	Dr. A. Bhattacharyya Dr. M. Mallik	01.11.2018
15	NITD/PHD/CE/2016/00722	CE	Ningthoujam Monika Chanu	Dr. R. P. Nanda	01.11.2018
16	NITD/PHD/MS/2014/00547	MS	Arindam Banerjee	Dr. A. De Dr. G. Bandyopadhyay	02.11.2018
17	NITD/PHD/EE/2014/00562	EE	Sriparna Roy Ghatak	Dr. P. Acharjee	02.11.2018

List of candidates registered for PhD program:

SL.NO	NAME	DEPTT.	SUPERVISOR	DATE OF REGISTRATION
1	ARINDAM GHOSH	CS	1) DR. S. SAHA 2) DR. M. SAHA 3) DR. S. MONDAL	03.10.2018
2	PRITHVIRAJ PRAMANIK	CS	1) DR. M. SAHA	03.10.2018
3	BISHWAJIT SHARMA	ME	1) DR. R.N. BARMAN	31.10.2018

52.4.1 In addition, the following resolutions were taken.

- i. Utmost care must be taken by the supervisors with respect to the content, organization and language of the PhD thesis before endorsing it for submission.
- ii. The DSC must be more vigilant and responsible while monitoring the quality of the work and the PhD thesis.
- iii. Cl. 8.8 in the PhD regulation shall remain unchanged.

For wider circulation, the PhD admission notice will be published in a national English newspaper in a display-classified mode.

Item No. 52.5: To consider the draft Patent Regulation of the Institute

The Intellectual Properties Policy and Guidelines of the Institute, submitted by the committee constituted for the purpose was deliberated upon in detail and was recommended by the Senate with a few revisions (Annexure I).

The Institute will explore the feasibility of appointing a patent attorney firm on retainership on per patent application basis. The Institute will also explore the possibility of funding the patent applications to the extent possible. The other possible external sources of funding for patents should also be looked into.

The following IPMC was nominated by the Senate for a period of two years.

- | | |
|---|-------------------------|
| 1. Dean (R&C) | - Chairman (Ex-officio) |
| 2. Prof. P. Pal (CH) | - Coordinator |
| 3. Prof.Subrata Banerjee (EE) | - Joint Coordinator |
| 4. Prof.SuditSekharMukhopadhyay (BT) | - Joint Coordinator |
| 5. Prof. N. B. Hui (ME) [Physical Sciences] | - Member |
| 6. Prof.Sankar Chandra Moi (CY) [Chemical Sciences] | - Member |
| 7. Prof.ApurbaDey (BT) [Biological Sciences] | - Member |
| 8. Prof.Suchismita Roy (CS) [Electrical Sciences] | - Member |

Item No. 52.6: To consider the possibility of offering online courses as suggested by the MHRD

The following committee was constituted to examine the feasibility of implementing the scheme and propose the norms, in consultation with the academic departments. The report should be submitted by January 31, 2019 to Chairman, Senate.

- | | |
|----------------------------|------------|
| 1. Registrar | - Convenor |
| 2. Prof. N. K. Roy (EE) | - Member |
| 3. Prof. K. C. Ghanta (CH) | - Member |
| 4. Prof.Avijan Dutta (MS) | - Member |

Item No. 52.7: To consider academic reforms and students' feedback system

The Senate considered the matter and resolved that online students' feedback shall be made mandatory. Further details to implement the system will be worked out by the Academic Section.

The following resolutions were also taken to be effected from the academic session 2019-20.

- a) The senior faculty members should take the classes for the first year students.


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- b) A faculty member will take a course for a period of maximum three years after which it should be handed over if there is another faculty member in the department willing to take the course. However, in a special case, when a faculty member is engaged in writing a book or other important activities, this condition may be waived.
- c) Each faculty member should take at least one full course in addition to taking shared courses, depending on the teaching load.

Item No. 52.8: To consider MoU with TCS

The Senate approved the MoU with TCS for collaborative activities.

Item No. 52.9.1 MoU with FEI, STU, Bratislava, Slovakia

The Senate recommended the MoU for consideration by the MHRD.

Item No. 52.9.2 Institution of distinguished alumni award

The Senate approved the introduction of a distinguished alumni award. Chairman, Senate will constitute a committee who will formulate the norms and submit the report to Chairman, Senate for discussion in the next Senate.

Item No. 52.9.3 Continuance of the B. Tech. program by Saugata Das

The Senate permitted Saugata Das (16EE8047) to continue his B. Tech. program from fifth semester in the academic session 2019-20 by readmission.

Item No. 52.9.4 Seat Matrices for the PG programs

The Seat Matrices for admission to different PG programs for the academic session 2019-20 retained the same as in the academic session 2018-19 as given under.

SEAT MATRIX FOR MTECH PROGRAMS(2019-2021)												
Department	Specialization / Program Name	OC	OC-PWD	SC	SC-PWD	ST	ST-PWD	OB	OB-PWD	CCMT	Sponsored	Total
Biotechnology - (BT)	Biotechnology (BT)	8	0	3	0	1	0	4	0	16	2	18
Chemical Engineering - (CH)	Chemical Engg (CE)	8	1	2	0	1	0	4	0	16	2	18
Civil Engineering - (CE)	Geotechnical Engg - (GE)	7	1	2	0	1	0	5	0	16	2	18
	Structural Engg - (SU)	8	0	3	0	1	0	4	0	16	2	18
Computer Science and Engineering - (CS)	Computer Science and Engg (XG)	31	1	9	1	5	0	16	1	64	8	72
Earth and Environmental Studies (Coordinating Department) (EA)	Environmental Science and Technology - (EH)	8	1	2	0	1	0	4	0	16	2	18
Electrical Engineering - (EE)	Power Electronics and Machine Drives	7	1	2	0	1	0	5	0	16	2	18

	- (PB)											
	Power Systems - (PO)	8	0	2	0	1	0	4	1	16	2	18
Electronics and Communication Engineering - (EC)	Microelectronics and VLSI - (MQ)	8	0	3	0	1	0	4	0	16	2	18
	Telecommunication Engg - (TL)	7	1	2	0	1	0	5	0	16	2	18
Mathematics	Operations Research - (OR)	8	0	3	0	1	0	4	0	16	2	18
Mechanical Engineering - (ME)	FluidMechanics & Heat Transfer - (FH)	7	0	2	0	2	1	4	0	16	2	18
	Machine Design - (MD)	7	1	2	0	1	0	4	1	16	2	18
	Thermal Engg - (TI)	8	0	2	1	1	0	4	0	16	2	18
Metallurgical and Materials Engineering (MM)	Metallurgy & Materials Technology - (TY)	8	0	2	0	2	0	4	0	16	2	18
Physics (PH)	Advanced Material Science and Technology - (MK)	8	0	2	0	1	0	4	1	16	2	18
TOTAL		146	7	43	2	22	1	79	4	304	38	342

SEAT MATRIX FOR MBA PROGRAM (2019-2021)

SL. NO	DEPARTMENT	OPEN	OPEN -PwD	SC	SC-PwD	ST	ST-PwD	OBC	OBC-PwD	Total
1	MS	19	1	6	0	3	0	10	1	40

SEAT MATRIX FOR MSC PROGRAMS 2019-2021 (Through CCMN)

SL. NO	DEPARTMENT	OPEN	OPEN- PwD	SC	SC-PwD	ST	ST-PwD	OBC	OBC-PwD	Total
1	CHEMISTRY	9	1	3	0	2	0	5	0	20
2	MATHEMATICS	10	0	3	0	1	0	5	1	20
3	PHYSICS	10	0	3	0	1	1	5	0	20

The MCA program has already been discontinued from 2019-20 and admission to the MSW program has been kept in abeyance for the academic session 2019-20.

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Item No. 52.9.5 Change of nomenclature of a course in B. Tech. program

The nomenclature of the course XES52 (semester II) was changed to “Graphical Analysis using CAD”.

The meeting ended with a vote of thanks to the chair.



**Anupam Basu
Director
& Chairman, Senate
NIT Durgapur**



**Soumya Sen Sharma
Registrar & Secretary, Senate
NIT Durgapur**

Place: NIT Durgapur
Date: 21/12/2018