

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

72nd MEETING OF THE SENATE

HELD ON

FRIDAY, SEPTEMBER 06, 2024

FROM 03.00 P.M. ONWARD

AT THE SENATE ROOM, S.N. RAY MEMORIAL BUILDING

NIT DURGAPUR





National Institute of Technology Durgapur

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The details of the attendees of the 72nd Senate meeting held on September 06, 2024 in the Senate Room of S. N. Roy Memorial Building are as follows:

Sl. No.	Name	Designation	Remarks
1	Prof. Arvind Choubey	Director & Chairman-Senate	Present
2	Prof. Sukumar Mishra	External Member	Present
3	Prof. Geetika	External Member	Present
4	Prof. Bhartendu Kumar Singh	External Member	Present (online)
5	Prof. Sudip Chattopadhyay	Member	Present
6	Prof. Apurba Dey	Member	Present
7	Prof. Dalia Dasgupta Mandal	Member	Absent
8	Prof. Kaustav Aikat	Member	Present
9	Prof. Surabhi Chaudhuri	Member	Present
10	Prof. S. S. Mukhopadhyay	Member	Present
11	Prof. Apurba Kumar Patra	Member	Present
12	Prof. Rajnarayan Saha	Member	Present
13	Prof. Sankar Chandra Moi	Member	Present
14	Prof. Dipankar Sukul	Member	Present
15	Prof. Milan Maji	Member	Present
16	Prof. Parimal Pal	Member	Present
17	Prof. Kartick Chandra Ghanta	Member	Present
18	Prof. Tamal Mandal	Member	Present
19	Prof. Anup Kumar Sadhukhan	Member	Present
20	Prof. Gopinath Halder	Member	Present
21	Prof. Susmita Dutta	Member	Present
22	Prof. Kamal Bhattacharya	Member	Present
23	Prof. V. K. Dwivedy	Member	Present
24	Prof. Amlan Das	Member	Present



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25	Prof. Soumya Bhattacharyya	Member	Present
26	Prof. Atul Krishna Banik	Member	Present
27	Prof. Amiya Kumar Samanta	Member	Present
28	Prof. Tandra Pal	Member	Present
29	Prof. Suchismita Roy	Member	Present
30	Prof. Subrata Nandi	Member	Present
31	Prof. Debasish Nandi	Member	Present
32	Prof. Subhrabrata Choudhury	Member	Absent
33	Prof. Tanmay Dey	Member	Present
34	Prof. Mousumi Roy	Member	Present
35	Prof. Avijan Dutta	Member	Absent
36	Prof. Gautam Bandopadhyay	Member	Present
37	Prof. Banshibadan Maji	Member	Present
38	Prof. Anup Kumar Bhattacharjee	Member	Present
39	Prof. Sumit Kundu	Member	Present
40	Prof. Rowdra Ghatak	Member	Present
41	Prof. Gautam Kumar Mahanti	Member	Present
42	Prof. Ashis Kumar Mal	Member	Present
43	Prof. Rajat Mahapatra	Member	Present
44	Prof. Siddhratha Shankar Thakur	Member	Present
45	Prof. Nirmal Kumar Roy	Member	Present
46	Prof. Subrata Banerjee	Member	Present
47	Prof. Parimal Acharjee	Member	Present
48	Prof. Chiranjib Koley	Member	Present
49	Prof. Sankar Narayan Mahato	Member	Present
50	Prof. Tapas Kumar Saha	Member	Present
51	Prof. Seema Sarkar (Mondal)	Member	Present
52	Prof. Samarjit Kar	Member	Present

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53	Prof. Kalyan Adhikari	Member	Present
54	Prof. Indrajit Basak	Member	Present
55	Prof. Biswajit Halder	Member	Present
56	Prof. Nilotpal Banerjee	Member	Present
57	Prof. Apurba Layek	Member	Present
58	Prof. Asit Baran Puri	Member	Present
59	Prof. Nirmal Baran Hui	Member	Present
60	Prof. Karuna Sindhu Ghosh	Member	Present
61	Prof. Joydeep Maity	Member	Absent
62	Prof. Ajit Kumar Meikap	Member	Present
63	Prof. Pathik Kumbhakar	Member	Present
64	Prof. Amit Kumar Chakraborty	Member	Present
65	Prof. Shibendu Shekhar Roy	Member-Secretary	Present

Sl. No.	Name	Designation	Remarks
1	Dr. Kazi Sufia Khannam	Invited Member	Present
2	Dr. Pijush Topdar	Invited Member	Present
3	Dr. Amlan Ghosh	Invited Member	Present
4	Dr. Sanjay Dhar Roy	Invited Member	Present
5	Dr. Jayati De	Invited Member	Present
6	Dr. Arindam Modak	Invited Member	Present
7	Dr. Sarit Maitra	Invited Member	Present
8	Dr. Bijay Kumar Show	Invited Member	Present
9	Dr. Mrinal Kanti Mandal	Invited Member	Present
10	Dr. Paresh Nath Chatterjee	Invited Member	Present
11	Dr. C. Saravanan	Invited Member	Present



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Sl. No.	Name	Designation	Remarks
1	Shri Prasant Sahu	Student Representative	Present
2	Miss Poushali Chatterjee	Student Representative	Present

Out of 65 Senate members, 61 members were present in the Senate Room of S. N. Ray memorial building and attended the meeting.

At the outset the Chairman, Senate extended a hearty welcome to all the members for taking their time and attending the meeting.

After that the Chairman, Senate requested Member-secretary, Senate to present the agenda of the 72nd Senate meeting.

Prof. S. S. Roy, Member-Secretary of the Senate, on approval of the Chairman, Senate, placed the agenda items in the meeting for discussion and the following resolutions were taken:

Item No. 72.1	Confirmation of the Minutes of the 71st Meeting of the Senate.
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The 71st Meeting of the Senate was held on Monday, December 18, 2023, from 4.00 p.m. onward in the Senate Room, S.N. Ray Memorial Building. The minutes of the said meeting were mailed to all Senate members for their comments (for details, refer to Annexure 72.1). The Senate was requested to consider and approve the same.

Resolution: Since, no comments have been received from the members of the Senate, minutes of the 71st Senate meeting held on December 18, 2023 were confirmed by the Senate.

Item No. 72.2	Actions Taken Report on the Resolutions Taken in the 71st Meeting of the Senate.
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The Senate was requested to note the action taken report on the Minutes of the 72nd Meeting of the Senate held on December 18, 2023.

Resolution: The Senate perused the action taken by the Institute on the decisions of the 71st meeting of the Senate held on December 18, 2023 and noted the Action Taken Reports with satisfaction as circulated with the agenda papers of the 72nd Senate meeting.



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Item No. 72.3 To consider and approve the names of degree recipients in the 19th Convocation of the Institute.

The Dean (Academic) with the permission of the Chairman, Senate presented following pertinent points of the 19th Convocation of NIT Durgapur that were decided in the meeting of the Core Committee of 19th Convocation for consideration of the Senate and its approval.

Date of Convocation: September 28, 2024

Chief Guest: Dr. Sukanta Majumdar, Minister of State in the Ministry of Education, Govt. of India

Guest of Honour: Dr. Sanjeev Kumar Joshi, Deputy CEO, BrahMos Aerospace Private Limited

The list of UG, Dual Degree, Int. M.Sc. and different PG Programs graduated in the AY 2023-24 & PhD programs graduated after 71st Senate till 31/08/2024, who have been found qualified for the award of degree in respective programs (refer to Annexures 72.3.1, 72.3.2, 72.3.3 of agenda notes of the 72nd Senate meeting) were also presented before the Senate meeting. A brief statistics in this regard is appended below.

Sl. No.	Name of the Program	No. of students graduating		
		Boys	Girls	Total
1	Bachelor of Technology	634	176	810
2	Dual Degree Program	7	2	9
3	Integrated M. Sc. in Chemistry	3	3	6
4	Master of Technology	149	43	192
5	Master of Science	68	29	97
6	Master of Business Administration	17	12	29
7	Master of Social Work	4	3	07
8	Doctor of Philosophy till 31/08/2024	62	41	103
	Grand Total	944	309	1253

The Senate was requested to consider and recommend the list for approval of the BoG.

Resolution: The Senate considered and approved the date of the 19th Convocation and Chief Guest, Guest of Honour as proposed by the Chairman, Senate. The Senate further considered the lists of degree recipients as stated above and recommended the same for approval of the BoG to award respective degrees to all the students as mentioned here.



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Item No. 72.4	To consider and approve the names of graduating students for the award of various gold medals and best project certificates in the 19th Convocation of the Institute.
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The Dean (Academic) with the permission of the Chairman, Senate presented the names of 32 graduating students for the award of Institute Gold Medals, four Endowment Gold Medals and two graduating students for the Best Project Certificates in the AY 2023-24. The list of such candidates was presented with the agenda notes of the 72nd Senate meeting vide Annexure 72.4. The Senate was requested to consider their names and recommend for approval of BoG.

Resolution: The Senate considered the names of degree recipients and recommended them for approval of BoG.

Item No. 72.5	To consider matters related to UG and PG studies.
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The Dean (Academic) with the permission of the Chairman, Senate presented the resolutions of the UGAC and PGAC meetings held on 21.12.2023, 08.01.2024, 08.02.2024, 28.05.2024, 26.06.2024, 30.07.2024 and 22.08.2024 (refer to the **Annexures 72.5.1, 72.5.2, 72.5.3, 72.5.4, 72.5.5, 72.5.6, and 72.5.7**, respectively circulated with Agenda Notes of 72nd Senate meeting). The Academic Calendar for the Academic Year 2024-25 and Fee Structure for the Admission Year 2024-25 were presented as separated Agenda items in the 72nd Senate meeting.

Most of the matters were observed as routine in nature and have been recommended by UGAC and PGAC following UG, PG Regulations. The Senate was requested to consider and approve such recommendations.

The Senate was further requested to consider and

(a) deliberate before giving its approval on the following points

- (i) Item No. 13 of UGAC and PGAC meeting dated 28-05-2024 related to preparation of revised Curriculum and Syllabus from 3rd Semester onwards for the B.Tech., Dual Degree and Integrated M. Sc. Program admitted in the AY 2023-24 onwards.
- (ii) Item No. 14 of UGAC and PGAC meeting dated 28-05-2024 regarding a proposal submitted by the department of Chemical Engineering on introduction of self-sponsored / executive M.Tech programs (Hybrid mode) in Chemical Engineering with specialization in Computational Fluid Dynamics and Chemical Engineering with specialization in AI and Data Analytics in Process Engineering.
- (iii) Item No. 6 of UGAC and PGAC meeting dated 26-06-2024 regarding the preparation of curriculum and syllabus of 4 year B. Tech programme in Mathematics and Computing



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- (iv) Item No. 7 of UGAC and PGAC meeting dated 30-07-2024 regarding the opening of a B. Tech. Program on Engineering Physics proposed by the Department of Physics
- (b) **Approve** the decision taken by UGAC and PGAC vide Item No. 8 of UGAC and PGAC meeting dated 30-07-2024 regarding deletion of Clause No. 2.5 of UG regulations.
- (c) **Ratify** the approval of the Chairman, Senate accorded on
- (i) Item Nos. 11 & 12 of UGAC and PGAC meeting dated 08-02-2024 regarding admission advertisements for the MBA and MSW Program 2024-25
- (ii) Item No. 13 of UGAC and PGAC meeting dated 08-02-2024 regarding nomination and selection of students for best project award in B.Tech (UG) program and M.Tech (PG) program for the AY 2023-24.

Resolutions: The Senate considered, approved or ratified the approval of the Chairman Senate on all the agenda items of the UGAC and PGAC meetings held on 21.12.2023, 08.01.2024, 08.02.2024, 28.05.2024, 26.06.2024, 30.07.2024 and 22.08.2024 as requested above with the following rider:

- (a) Item Nos. 13 and 14 of UGAC and PGAC meeting dated 28-05-2024 and Item No. 7 of UGAC and PGAC meeting dated 30-07-2024 are deferred for deliberations in the next meeting of the Senate.
- (b) The Senate deliberated on the Item No. 6 of UGAC and PGAC meeting dated 26-06-2024 and resolved that the curriculum and syllabus for the B. Tech. program on Mathematics and Computing will be prepared jointly by the Dept. of Computer Science and Engineering and Dept. of Mathematics. Both, the Dept. of Computer Science and Engineering and Dept. of Mathematics will teach the relevant subjects as per the curriculum.

Item No. 72.6	To consider the resolutions of RAC meetings.
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The Dean (Academic) with the permission of the Chairman, Senate presented the resolutions of the RAC meeting held on 21.12.2023, 08.01.2024, 27.03.2024, 14.05.2024, 26.08.2024 and 05-09-2024 (**Annexures 72.6.1, 72.6.2, 72.6.3, 72.6.4, 72.6.5 and 72.6.7 of Agenda Notes of 72nd Senate Meeting**). The Senate was requested to consider and approve the routine matters those were recommended by the RAC following PhD regulations.

The Senate was requested further to consider the following:

- (a) **Approval of 71 nos. of PhD scholars for PhD (topic) registration, 103 nos. of PhD scholars for the award of PhD degree and 13 nos. of PhD scholars for discontinuation from PhD program (Refer to Annexure 72.6.6).**

Signature



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- (b) **Amendment / inclusion of a few Clauses** in the PhD Regulations (Item No. 2 of RAC meeting held on 27-03-2024, Item No. 8(ii) of RAC meeting held on 14-05-2024, Item No. 11 of RAC meeting held on 26-08-2024).
- (i) Replacement of “Dean (Academic Research)” by “Dean (Academic)”.
 - (ii) Amendment of Clause No. 2.1
 - (iii) Amendment of Clause No. 2.2.1 regarding qualifying degree and marks required to apply for PhD program at NIT Durgapur
 - (iv) Inclusion of a new Clause 2.5.4 to deal with the requirement of taking official leave upon submission of PhD thesis.
 - (v) Amendment of Clause Nos. 3.1, 17.3.1 and the Sl. No. 4 of Form 3 regarding DSC Constitution.
 - (vi) Inclusion of a new Clause 3.12 regarding the guidelines for faculty members of NIT Durgapur willing to become supervisor of PhD students outside NIT Durgapur.
 - (vii) Amendment of Clause No. 4.5
 - (viii) Amendment of Clause # 6.2.2 (iv)
 - (ix) Amendment of Clause Nos. 5.5 and 11.9 regarding the time limit within which a scholar need to complete her/his registration formalities.
 - (x) Amendment of Clause No. 11.7 regarding effective date of enhanced fellowship for institute research scholars.
 - (xi) Amendment of Clause No. 17.1.1 regarding constitution of Research Academic Committee (RAC)
 - (xii) Amendment of Clause No. 17.5.1 regarding constitution of Central Admission Committee (CAC)
 - (xiii) Deletion of Clause No. 18.6(ix) regarding the utilization of contingency grant for the Institute research scholars.
 - (xiv) Changed formats and check lists of PhD programmes.
- (c) Seven scholars tabulated below could not complete the formalities related to PhD registration as per Clause #5.0. The Senate was requested to **deliberate on the matter** and accord necessary approval (Item No. 10 of RAC meeting held on 27-03-2024 & Item No. 8 of RAC meeting held on 26-08-2024)

Name of the student	Roll No.	Date of Enrollment	Appeal Date
Shefali Mamataj	21CH1504	09.10.2021	19.02.2024
Satajit Bhattacharjya	21MA1502	09.10.2021	27.02.2024
Aparna Adhikary	21MA1106	09.10.2021	27.02.2024
Mahitosh Maity	21MA1103	09.10.2021	27.02.2024
Ashishkumar Ramesh Kale	21CH1107	24.02.2022	16.05.2024
Subir Bhattacharyya	21EE1111	24.02.2022	29.07.2024
Shweta Patel	21CS1110	24.02.2022	08.08.2024



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- (d) To consider the appeal of Subhadip Mondal (Roll No. 20EE1104) regarding continuation of PhD work, though his DSC recommended for discontinuation (vide Item No. 12(a) of RAC meeting dated 27-03-2024)

Resolutions: The Senate considered the resolutions of RAC meetings held on 21.12.2023, 08.01.2024, 27.03.2024, 14.05.2024, 26.08.2024 and 05-09-2024. Most of the items were observed as routine in nature and the Senate has ratified / approved the resolutions recommended by the RAC with the following rider.

- (a) The Senate approved PhD (topic) registration of 68 nos. of PhD scholars, recommended for approval of BoG of 103 nos. of PhD scholars for the award of PhD degree and approved discontinuation from PhD program of 13 nos. of scholars as presented with the agenda notes of the 72nd Senate meeting vide **Annexure 72.6.6.**
- (b) The Senate considered and approved the following amendment / inclusion of Clauses in the PhD regulations after deliberations.
- (i) The term “Dean (Academic Research)” is resolved to be replaced by “Dean (Academic)” as per the office order No. NITD/Estt/Deanship-/2023, dated 23.02.2023.
- (ii) **Amendment of Clause No. 2.1 and existing Clause No. 2.1 is** resolved to be replaced by the following:

2.1: Status of Research Scholar:

The status of the candidates admitted to the PhD program shall be classified under two broad categories – Regular and Professional as described below.

2.1.1: Regular Research Scholar:

• Category-A: Regular Research Scholar with Institute Fellowship

The number of seats under this category in various departments is as per the seat distribution matrix stipulated by the Ministry of Education (MoE). All the 14 Departments and four centre of excellences of the Institute admit candidates in this category. Selected candidates are eligible to receive the Research Fellowship. It is mandatory that the recipients assist the department academic work assigned by the Head of the Department / CoE Coordinators and/or Research guide for at least 8 hours per week as per guidelines issued by the MoE; this is in addition to satisfying other conditions for the award/renewal of the fellowship. The award and renewal of the Fellowship is as per the guidelines prescribed by the MoE from time to time. At present, the fellowship is payable for a maximum duration of 5 years or up to the date of final PhD Defence seminar, whichever is earlier.



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• **Category-B:** Regular Research Scholar with financial support from different Govt. sponsoring agencies such as DST, UGC, CSIR, DAE, NBHM, DST-INSPIRE etc.

Candidates seeking admission in this category need to submit Consent Letter from the proposed supervisor of the Institute.

• **Category-C:** Regular Research Scholar working in Externally Funded Sponsored Projects at NIT Durgapur

Candidates seeking admission in this category need to submit Consent Letter from the Project Investigator indicating the duration for which the fellowship is available. After the completion of the project, research scholars under this category may continue the PhD program as a Regular Research Scholar.

• **Category-D:** Regular Research Scholar sponsored under QIP/ EFIP scheme.

Interested candidates seeking admission in this category may follow <https://qip.aicte-india.org/>

• **Category-E:** Regular Research Scholar Admitted Through different Foreign Quota of Government of India

Interested candidates seeking admission in this category may follow <https://studyinindia.gov.in/>

• **Category-G:** Regular Research Scholar Sponsored by Government/ Semi-Government/ other Highly Reputed Organizations/Academic or Research Institutions

Interested candidates seeking admission in this category will apply through proper channel with No Objection Certificate (NOC) from her/his parent employer.

• **Category-K:** Regular Research Scholar without Institute Fellowship (Self-financed)

Very few seats under this category in different departments are kept for some bright and meritorious applicants. No financial assistance from NIT Durgapur shall be applicable for the scholars admitted under this category.

• **Category L:** Regular Research Scholar under Collaborative/Joint PhD Programs

Candidates admitted under this category shall be dealt with the laid down terms and conditions in the MoU with respective organizations / Institutes.

2.1.2: Professional Research Scholar:

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It is meant for the candidates who are in-service. Interested candidates seeking admission in this category are requested to apply through proper channel with No Objection Certificate (NOC) from her/his parent employer. Entrepreneur / Businessman / Self-employed candidates need to submit self-declaration in this regard.

• **Category-F:** Professional Research Scholar from the Institute (Faculty / Staff of NIT Durgapur)

Permanent employees of NIT Durgapur may take admission under this category and are waived of paying fees related to PhD programmes.

• **Category-H:** Professional Research Scholars from Industries

• **Category-I:** Professional Sponsored Research Scholars from Academic/ Research Institutions

• **Category-J:** Professional Sponsored Research Scholars under Government of India Schemes like TEQIP etc.

Interested candidates seeking admission in this category will be guided by the norms of the scheme.

A Regular Research Scholar may apply for withdrawal from residency as per Clause # 2.5 and become Professional Research Scholar without any change in the fee-structure of the candidate. However, a Professional Research Scholar willing to become Regular Research Scholar need to take a fresh admission.

(iii) **Amendment of Clause No. 2.2.1 and existing Clause No. 2.2.1 is resolved to be replaced as**

Qualifying Degree* (for relevant discipline)	General/ OBC	SC / ST
ME / M. Tech./ M. Arch/M. Pharm / M. S. / MBA / MA / M. Sc./ M. Com./ MBBS/BDS	6.5 CGPA or 60% marks	6.0 CGPA or 55% marks
CA / CMA / ICWA / CS with a graduation degree		
BE / B. Tech / B. Arch/B. Pharm / MCA / Equivalent	8.0 CGPA or 75% marks	7.5 CGPA or 70% marks

(iv) **Inclusion of a new Clause 2.5.4:** "A regular PhD student can become non-resident after submitting the PhD thesis for evaluation fulfilling all the criteria as per regulations. The student needs to submit an application addressing to Dean (Academic) duly recommended by supervisor(s) and Chairperson, DRPC enclosing No-Dues from Hostel, Library and Department / Center / Sections".

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- (v) **Amendment of Clause Nos. 3.1, 17.3.1 and the Sl. No. 4 of Form 3 regarding DSC Constitution:** *It is resolved that the line "Nominated by the Senate" mentioned in the Sl. No. 4 of Form 3 shall be replaced by "Nominated by Dean (Academic)" and corresponding changes shall be incorporated in Clause Nos 3.1 and 17.3.1.*

(vi) **Inclusion of a new Clause 3.12:**

Clause 3.12: *Faculty of NIT Durgapur wish to supervise students of other Institute / University shall abide the following:*

- *They shall not supervise more than two Research Scholars. Preferably, these two Research Scholars shall be from different Parent Institute / University.*
- *The Research Scholar need to be enrolled in any of the following category of Institutions.*
 - **Category –I Institutions:** *IITs / NITs / IISc / IISERs / IIMs / IITs / IEST Shibpur / AcSIR.*
 - **Category-II Institutions:** *Other CFTIs / SFTIs.*
 - **Category-III Institutions:** *Any other Institutions / Universities appearing within latest 100 NIRF rank published by MoE.*
 - **Research Scholar belonging to a foreign university:** *a separate MoU need to be signed with the said University.*
- *In case the supervisor is required to travel to Parent Institute, then that shall be considered under Special Casual leave. The Institute shall not bear any expense incurred by the Supervisor in this regard.*
- *The registration record of these Research Scholars would be maintained at the concerned departments.*

(vii) **Amendment of Clause No. 4.5 as**

<i>Existing</i>	<i>Suggested Revision</i>
<i>A student may be exempted from semester registration by Dean (Academic Research) / Director if she/he submits thesis within 30 days of scheduled semester registration. However, the student will lose his fellowship (if any) during the said period. If she/he fails to submit the thesis within 30 days, she/he must do the semester registration before the thesis is accepted for evaluation.</i>	<i>On the following occasions, a student may be exempted from paying the semester registration fees</i> <i>(a) For Odd Semester Registration:</i> <i>Submitted thesis on or before 30th June of any Academic Year</i> <i>(b) For Even Semester Registration:</i> <i>Submitted thesis on or before 31st December of any Academic Year</i> <i>The Category-A student exempted from paying the semester registration fees for such a reason will not receive fellowship (if any).</i>



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- (viii) **Amendment of Clause # 6.2.2 (iv)** as “Any relevant course offered by MOOCS/ NPTEL/SWAYAM, etc., and for which performance is evaluated through examination by the above course offering agency may also be utilized for the purpose of credit requirement as assigned by the DSC”.
- (ix) **Amendment of Clause Nos. 5.5 and 11.9** as “Clause # 5.5: Candidates should normally present the registration seminar within 24 months from the date of enrolment, failing which the enrolment shall be cancelled” and no change is recommended in Clause No. 11.9.
- (x) **Amendment of Clause No. 11.7:** It is resolved to amend the last sentence of Clause No. 11.7 as “Enhancement of fellowship shall be effective from the immediate next day of successful enhancement seminar”
- (xi) **Amendment of Clause No. 17.1.1:** Not approved the changes requested by the RAC.
- (xii) **Amendment of Clause No. 17.5.1:** resolved to include the Dean (SW) and Chief Warden as the member of Central Admission Committee (CAC)
- (xiii) **Deletion of Clause No. 18.6(ix)**
- (xiv) **Changed formats and check lists of PhD programmes as presented with the Agenda Notes of 72nd Senate meeting.**
- (c) **The Senate deliberated and approved** the appeal of Shefali Mamataj (Roll No. 21CH1504), Satajit Bhattacharjya (Roll No. 21MA1502), Aparna Adhikary (Roll No. 21MA1106), Mahitosh Maity (Roll No. 21MA1103), Ashishkumar Ramesh Kale (Roll No. 21CH1107), Subir Bhattacharyya (Roll No. 21EE1111) and Shweta Patel (Roll No. 21CS1110) for giving time extension to complete their PhD registration. They will have to complete the formalities within 31st December 2024. Failing which their studentship shall be terminated from the program.
- (d) **The Senate considered and not approved** the request of Subhadip Mondal (Roll No. 20EE1104) regarding continuation of PhD work. His studentship shall be terminated with immediate effect.

Item No. 72.7	To consider the format of degree certificates
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The Dean (Academic) with the permission of the Chairman, Senate presented the revised degree certificate format as available in the Annexure 72.7 of Agenda Notes of 72nd Meeting for consideration and necessary approval.

Resolution: The Senate considered and approved the same.



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Item No. 72.8 To consider the matter regarding remuneration to external experts for the examination of UG, PG and PhD thesis

Revised remuneration as approved by the Chairman, Senate and office order issued (refer too **Annexure 72.8** of Agenda Notes of 72nd Senate Meeting) were presented before the Senate by the Dean (Academic) with the permission of the Chairman, Senate for consideration and ratification.

Program	Purpose	Remuneration / Sitting Fee
Undergraduate (UG) Programs	Project Evaluation and Conduct of Project Viva-voce	₹2500 per hour (Maximum ₹5000 per half of a day)
	Final Semester VIVA-VOCE	
Postgraduate (PG) Programs	PG Project Evaluation and Viva-Voce	₹5000 per half of a day up to 4 students, and additional students @ ₹1250 per student
Doctor of Philosophy (PhD)	Thesis Examination – Indian Examiner	₹5000 per student
	PhD Thesis Examination – Foreign Examiner	USD 400 per student
	Conduct of Defense VIVA-VOCE	₹5000 per student

Resolutions: The Senate considered and ratified the approval given by the Chairman, Senate and further recommended the revision for approval of BoG.

Item No. 72.9 To consider the matter regarding admission to PhD program in the AY 2024-25

The Dean (Academic) with the permission of the Chairman, Senate presented the document for Admission advertisement as recommended by the RAC in its meeting held on 14.05.2024 and subsequently approved by the Chairperson, Senate vide Annexure 72.9 of Agenda Notes of 72nd Senate Meeting for consideration and ratification.

Resolutions: The Senate considered and ratified the approval given by the Chairman, Senate.

Item No. 72.10 To consider and ratify/approve the Seat Matrix for UG, DD, Int. M.Sc., PG and PhD programs for the AY 2024-25.

The program wise Seat Matrix of UG, DD, Int. M.Sc., PG & PhD programs as approved by the Chairman, Senate was presented by the Dean (Academic)



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with the permission of the Chairman, Senate (refer to **Annexure 72.10** of Agenda Notes of 72nd Senate) for consideration and ratification.

Resolutions: The Senate considered and ratified the approval given by the Chairman, Senate.

Item No. 72.11	To consider and ratify the Fee Structure for admitting students in UG, DD, Int. M.Sc., PG and PhD programs for the AY 2024-25.
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The Dean (Academic) with the permission of the Chairman, Senate presented the Fee Structure for the students of different programs taking admission in the academic year 2024-25 as approved by the Chairman, Senate (vide **Annexure 72.11** available with Agenda Notes of 72nd Senate) for consideration and ratification.

Resolutions: The Senate considered and ratified the approval given by the Chairman, Senate and further recommended the revision for approval of BoG.

Item No. 72.12	To consider and ratify the Academic Calendar for AY 2024-25
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The Dean (Academic) with the permission of the Chairman, Senate presented the Academic Calendar for the AY 2024-25 as recommended by the UGAC and PGAC and subsequently approved by the Chairman Senate for consideration and ratification of the Senate.

Resolutions: The Senate considered and ratified the approval given by the Chairman, Senate with following modifications (refer to **Annexure 72.12**)

- A festival vacation of two days (October 09 and 10, 2024) is approved for the faculty members.
- Revised duration of winter vacation for faculty is approved as December 20 – 30, 2024.
- Existing student activity week in the odd semester is shifted to even semester during March 20 – 23, 2025.

Item No. 72.13	To consider and approve the names of subject experts for the faculty recruitment
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The member-secretary Senate presented the list of subject experts as submitted by different departments for the faculty recruitment in a sealed envelope for consideration and approval.

Resolutions: The Senate considered and recommended for approval of BoG.



National Institute of Technology Durgapur

72nd Meeting of the Senate, Date: September 06, 2024

MINUTES

Item No. 72.14	To consider and approve the names of the alumnus for the distinguished alumnus award
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The Dean Alumni Affairs and outreach with the approval of the Chairman, Senate presented three names of the alumnus as mentioned below for the Distinguished Alumnus Award for consideration and necessary approval.

Sl. No.	Category	Name of the Alumni	Batch/Discipline
1	Industry & Corporate	Mr. Subrata Bhattacharya	BE (MME) 1982 & ME (1990)
2	Entrepreneurial	Mr. Unmesh Mahajani	BE (ME), 1982
3	Venture	Mr. Thomas Mookken	BE (EE), 1984

Resolutions: The Senate considered and approved the above three alumnus to be given distinguished alumnus award in the 19th Convocation Ceremony. The Senate also approved the revised certificate formats for the said purpose.

Item No. 72.15	To consider the admission statistics for the AY 2024-25
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The Dean (Academic) with the permission of the Chairman, Senate presented the admission statistics for the Academic Year 2024-25 till September 06, 2024.

Resolutions: The Senate noted the report.

Item No. 72.16	Any other matter with the permission of the chair
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- (i) Prof. Sukumar Mishra, External Senate Member and Director, IIT-ISM Dhanbad presented a proposal to have MoU between NIT Durgapur and IIT-ISM Dhanbad on the following aspect.
 - UG Students of 7th Semester of NIT Durgapur having CGPA 8.5 and above will get opportunity to do their 8th semester project and pursue PhD program at IIT-ISM Dhanbad with research assistantship. They will have to clear the selection process set by the IIT-ISM. Elaborate discussion may be made in the later stage before finalizing the MoU document.
- (ii) HOD (CSE) with the permission of the Chairman, Senate presented the matter regarding possibility of six-month industry internship of post-graduate students in their final semester.

Resolutions: (i) The Senate considered and agreed in principle to sign the



National Institute of Technology Durgapur

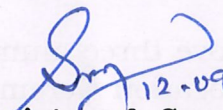
72nd Meeting of the Senate, Date: September 06, 2024

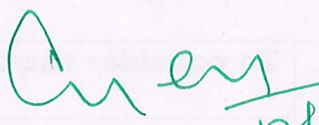
MINUTES

MoU with IIT-ISM Dhanbad. Detailed modalities will be finalized through deliberations between the representatives of both the Institutes.

(ii) The Senate resolved that the matter regarding the possibility of six-month industry internship of post-graduate students may be discussed initially at the department level and at the PGAC before deliberating at the Senate.

At the end, one minute of silence was observed in the memory of the departed souls of **Prof. Subhas Roy, former Professor of Dept. of Chemistry**. Then the meeting ended with a vote of thanks to the Chair.


12.09.2024
Registrar & Secretary, Senate
NIT Durgapur
Date: 12-09-2024


12/9/2024
Director & Chairman, Senate
NIT Durgapur
Date: 12-09-2024

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Annexure-72.6.6

A. On the recommendation of RAC, registration of 71 Candidates for Ph.D. Programme (RAC Meetings held on 08.01.2024, 27.03.2024, 14.05.2024 and 26.08.2024, 03.09.2024) needs to be approved by the Senate and requires to be reported to BOG.

Sl. No.	Roll No.	Name of the Scholar	Dept.	Name of the Supervisor(s)	Date of Registration
Item # 3 RAC meeting held on 08.01.2024					
1	21CH1502	Pratyush Kumar Pal	CH	Dr. S. K. Lahiri, Dr. A. Hens	01.12.2023
2	22EC1105	Aparna Panja	EC	Dr. A. K. Bhattacharjee	12.12.2023
3	21EE1504	Suman Dasgupta	EE	Dr. T. K. Bera, Dr. S. Halder	28.12.2023
4	20EE1502	Sudipta Mal	EE	Dr. A. K. Dhara, Dr. T. K. Bera	29.12.2020
5	21BEAT1502	Pinaki Ranjan Das	BEAT	Dr. T. K. Bera, Dr. A. K. Samanta	29.12.2023
6	22CY1106	Satyabhama Sahu	CY	Dr. R. Saha	03.01.2024
Item # 3 RAC meeting held on 27.03.2024					
7	21EC1105	Sameen Azhar	EC	Dr. R. Mahapatra	07.12.2023
8	21EC1507	Pallav Dutta	EC	Dr. B. Maji, Dr. A. Dey	29.12.2023
9	21EC1503	Ananya Banerjee	EC	Dr. B. Maji, Dr. S. Panda	29.12.2023
10	22PH1103	Koushik Ghosh	PH	Dr. H. Subramanian	15.01.2024
11	22EE1106	Amandeep Minhas	EE	Dr. A. K. Dhara & Dr. A. Naha	19.01.2024
12	22BT1104	Jayeeta Chatterjee	BT	Dr. D. De	23.01.2024
13	22MM1102	Rahul Dhibar	MM	Dr. S. Ghorai	07.02.2024
14	22EE1102	Parinita Mondal	EE	Dr. J. Dey, Dr. T. K. Saha	09.02.2024
15	21MM1108	Logachander K	MM	Dr. M. K. Mondal & Dr. J. Maity	09.02.2024
16	22EE1103	Raka Goswami	EE	Dr. A. K. Dhara	09.02.2024
17	22MS1502	Alok Emmanuel Kisku	MS	Dr. M. Roy	13.02.2024
18	22EC1501	Amitesh Das	EC	Dr. S. Dhar Roy	16.02.2024
19	22CE1104	Suktiprajna Rath	CE	Dr. G. Hinge	29.02.2024
20	22EC1102	Soumen Garai	EC	Dr. S. Samui	04.03.2024
21	23HS1104	Sayantana Pahari	HS	Dr. A. Modak, Dr. R. Das	15.03.2024
22	22MM1101	Sougata Barik	MM	Dr. M. K. Mondal	20.03.2024
Item # 2 RAC meeting held on 14.05.2024					
23	22PH1102	Yashwinder	PH	Dr. A. Ghosh	04.04.2024
24	21BT1106	Abhishek Banerjee	BT	Dr. S. S. Mukhopadhyay	18.04.2024
25	22BT1112	Indrani Chakraborty	BT	Dr. A. Dey	22.04.2024
26	22CH1101	Chandra Bhushan	CH	Dr. D. Das	29.04.2024
27	22MM1501	Ranjan Prakash	MM	Dr. S. Pramanik & Dr. K. P. Yagati	30.04.2024
28	22EC1101	Anisha Sengupta	EC	Dr. N. Biswas	02.05.2024
29	22MAL1103	Jyotirmay Das	MA	Dr. S. Kar & Dr. S. Hazra	10.05.2024
30	22MAL1104	Pratik Kumar Kundu	MA	Dr. L. K. Dey & Dr. S. Chakraborty	10.05.2024
31	22MAL1105	Swarup Kumar Das	MA	Dr. S. Bagchi & Dr. A. Chakraborty	10.05.2024

32	22MAL1107	Pritam Chandra Pramanik	MA	Dr. S. Bagchi & Dr. S. K. Mukherjee	10.05.2024
33	22MAL1109	Aninda Banerjee	MA	Dr. L. K. Dey & Dr. A. Chakraborty	10.05.2024
Item # 2 RAC meeting held on 26.08.2024					
34	22CY1102	Pulak Pradhan	CY	Dr. J. Chakrabarty & Dr. S. Laha	14.05.2024
35	22EC1104	Aprajita Kumari	EC	Dr. R. Das	15.05.2024
36	22HS1102	Aparna Chatterjee	HS	Dr. S. K. Rai	17.05.2024
37	22HS1501	Susanta Dey	HS	Dr. S. K. Rai	17.05.2024
38	22CS1103	Anindita Ghosh	CS	Dr. T. De	17.05.2024
39	22MA1102	Susmita Sarkar	MA	Dr. S. Maitra	21.05.2024
40	22MA1502	Sanjukta Pramanik	MA	Dr. S. Sarkar (Mondal), Dr. K. P. Das & Dr. P. Karmakar	21.05.2024
41	22ME1101	Lalita Prasad Nayak	ME	Dr. A. B. Puri	21.05.2024
42	21CH1106	Abu Mustafa Khan	CH	Dr. G. Halder	22.05.2024
43	22ME1107	Ponnada Durga Prasad	ME	Dr. R. K. Mitra	24.05.2024
44	22MA1101	Anath Bandhu Das	MA	Dr. P. Pal	05.06.2024
45	21CS1111	Rajesh Mukherjee	CS	Dr. M. Dalui & Dr. A. Bera	18.06.2024
46	22ME1105	Sourav Das	ME	Dr. A. Goswami	21.06.2024
47	23HS1101	Debapriti Sengupta	HS	Dr. J. Banerjee	24.06.2024
48	23HS1103	Tania Koley	HS	Dr. J. Banerjee	24.06.2024
49	23CS1501	Sanjukta Mishra	CS	Dr. P. K. Guha Thakurta	09.07.2024
50	22PH1107	Satyaki Mondal	PH	Dr. A. K. Chakraborty	08.07.2024
51	22EE1501	Sudip Chowdhury	EE	Dr. A. K. Bohre	08.07.2024
52	22CS1503	Sitikantha Chattopadhyay	CS	Dr. S. Roy	12.07.2024
53	22CE1101	Rimjhim Ghosh	CE	Dr. P. Roy	12.07.2023
54	22ME1103	Arghya Bagchi	ME	Dr. N. B. Hui	15.07.2024
55	22ME1108	Abhimannu Sharma	ME	Dr. A. Layek	15.07.2024
56	22ME1106	Yogesh Kumar	ME	Dr. K. Khan	15.07.2024
57	22MM1104	Abhishek Kumar Sinha	MM	Dr. K. S. Ghosh & Dr. M. M. Ghosh	15.07.2024
58	23CY1101	Sayon Satpati	CY	Dr. S. Ghosal	18.07.2024
59	22ME1102	Pankaj Bhardwaj	ME	Dr. C. Mishra	19.07.2024
60	22CH1102	Payal Das	CH	Dr. M. Bal	24.07.2024
61	22CS1107	Rahat Naz	CS	Dr. J. Howlader	25.07.2024
62	22BT1105	Abhisek Sahu	BT	Dr. K. S. Khannam	26.07.2024
63	22CY1107	Sharmistha Chatterjee	CY	Dr. S. C. Moi	26.07.2024
64	22PH1108	Subrata Saha	PH	Dr. A. Mondal & Dr. A. Dey	26.07.2024
65	22CY1101	Chandrika Das	CY	Dr. S. C. Moi	26.07.2024
66	22BT1103	Prachi Bhargava	BT	Dr. A. Barik	31.07.2024
67	22MM1105	Anjan Pal	MM	Dr. J. Maity & Dr. M. K. Mondal	02.08.2024
68	22BT1107	Mouli Bhattacharyya	BT	Dr. K. S. Khannam	06.08.2024
69	22BT1101	Shalini Das	BT	Dr. S. S. Mukhopadhyay and Dr. K. Aikat	09.08.2024
70	22BT1106	Samiran Hazra	BT	Dr. S. S. Mukhopadhyay & Dr. S. Mondal	09.08.2024
71	22MM1103	Ajfarul Islam	MM	Dr. B. Roy	13.08.2024

B. List of 26 PhD students to be awarded with Ph.D. Degree –completed all requirements for the award of Ph.D. Degree

Sl. No	Registration No.	Dept.	Name of the Scholar	Title of the Thesis	Name of the Supervisor(s)	Date of Defense
Item # 4 RAC meeting held on 08.01.2024						
1	NITD/PhD/CS/2017/00882	CS	Rangaballav Pradhan	Traffic Congestion Control and Data Communication in Vehicular Networks	Dr. T. De	05.12.2023
2	NITD/PhD/CE/2017/00944	CE	Parikshit Roy	Studies on different aspects of acoustic emission technique for damage localization in structures	Dr. P. Topdar, Dr. A. K. Datta	11.12.2023
3	NITD/PhD/EE/2018/01066	EE	Dibyendu Sen	Control and analysis of multi-input converter for hybrid renewable energy generation scheme	Dr. T. K. Saha, Dr. J. Dey	12.12.2023
Item # 4 RAC meeting held on 27.03.2024						
4	20RCY009	CY	Rituparna Bhaduri	Anticancer activity of Pt(II) & Pd(II) complexes with pyridine scaffold: their bio-molecular interactions, cell death mechanism and computational study	Dr. S. C. Moi	12.12.2023
5	19RCY020	CY	Tapashree Mondal	Development and photophysical investigation of aggregation-induced emission enhancement active luminogens and their multifarious applications	Dr. S. S. Panja	02.01.2024
6	20RCY007	CY	Ipsita Som	Advances in Mesoporous Nanomaterial-based Water Treatment Approaches for Remediation of Aqueous Contaminants	Dr. R. Saha	09.01.2024
7	NITD/PhD/CE/2017/00839	CE	Naval Kishor Yadav	Effect of landuse /landcover dynamics on the spatio-temporal changes of urban heat islands and its effect on the environment	Dr. A. K. Samanta Dr. A. Santra	18.01.2024
8	20RPH0023	PH	Avijit Dalal	Studies on MgO/TiO ₂ Heterostructure Nanowires based Optoelectronic Devices and Hybrid Materials as Ion-Sensors	Dr. A. Mondal	25.01.2024
9	20RMA046	MA	Sutapa Mandal	Effect of rotation and magnetic field on some convective instabilities	Dr. P. Pal	30.01.2024
10	NITD/PhD/CH/2014/00564	CY	Surajit Hazra	Corrosion inhibition and antioxidant activities of the extracts from the Indian samples of Purple Knight Hedge plant and Snap Melon	Dr. U. Adhikari	05.02.2024

11	19REE048	EE	Prashant Kumar	Investigation of Cardiac Activities Based on Various Body Postures and Physical Conditions	Dr. S. Halder	19.02.2024
12	NITD/PhD/EC/2017/00971	EC	Jayanta Pal	On Use of Signal Processing In Problems of Bioinformatics	Dr. B. Maji Dr. D. K. Bhattacharya	22.02.2024
13	20RMA048	MA	Paramita Mahapatra	Electrophoresis of fluid droplets and functionalized nanoparticles: Analytical approach	Dr. P. P. Gopmandal	01.03.2024
14	NITD/PhD/ChE/2014/00522	CH	Biswajit Kamila	Modeling and Experimental Investigation on Pyrolysis and Gasification of Biomass	Dr. A. K. Sadhukhan & Dr. P. Gupta	01.03.2024
15	NITD/PhD/CA/2016/00771	CS	Anandaprova Majumder	Secure Data Hiding with Cover Synthesis Techniques	Dr. S. Changder	04.03.2024
16	21REE016	EE	Sourav Das	Charging Scheduling and Allocation of Suitable Charging Station for On-Road Electric Vehicles in Probabilistic Scenario Considering Renewable Power Source	Dr. P. Acharjee & Dr. A. Bhattacharya	05.03.2024
17	20REC042	EC	Dibyendu Chowdhury	Performance Optimization of Double-Gate Mosfets for Nano-Electronics Circuit Design Using Evolutionary Techniques	Dr. R. Kar Dr. D. Mandal & Dr. B. P. De	07.03.2024
18	NITD/PhD/CE/2016/00727	CE	Arijit Kumar Banerji	Study and Modelling of Highway Pavements under Dynamic Loading	Dr. P. Topdar & Dr. A. K. Datta	07.03.2024
19	NITD/PhD/MS/2014/00563	MS	Saswati Roy	A quest for relationship among socio-demographic variables and various facets of consumer loyalty	Dr. K. Mandal	14.03.2024
20	NITD/PhD/MS/2018/01015	MS	Soumya Banerjee	Optimal Portfolio Selection of Equity Mutual Funds using Soft Computing Techniques: An Indian Perspective	Dr. G. Bandyopadhyay & Dr. A. Ghosh	14.03.2024
21	NITD/PhD/CH/2015/00687	CH	Karunya Sakhile	Studies on the Treatment of Petroleum Wastewater by Adsorption Technique Using Date Seed Activated Carbon as Adsorbent in an Inverse Fluidized Bed	Dr. J. P. Sarkar, Dr. P. Gupta & Dr. F. Shaikh	18.03.2024
22	NITD/PhD/CA/2017/00891	CS	Saurabh Pal	Personalized Recommendation in Ubiquitous Learning System	Dr. P. Choudhury	18.03.2024
23	NITD/PhD/CA/2016/00749	CS	Avick Kumar Dey	A Study on Recommendation for Academic and Scientific Literature	Dr. P. Choudhury	19.03.2024

24	NITD/PhD/HS/ 2016/00724	HS	Oliva Roy	Theatre, Resistance and Activism in Postcolonial India: A critique of emerging Voices of Dissent with special reference to the plays of Utpal Dutt, Vijay Tendulkar and Safdar Hashmi	Dr. J. Banerjee	19.03.2024
25	NITD/PhD/CH/ 2018/01008	CH	B. M. Sangeetha	Layer-by-layer Fabricated Multi-layered Ultrathin Polyelectrolyte Films from Poly Styrene Sulphonate (PSS) and Poly Allylamine Hydrochloride (PAH) onto Zinc Oxide (ZnO), and Titanium Dioxide (TiO ₂) for the Photocatalytic Degradation of Refinery and Textile Mill Effluents	Dr. S. Dutta & Dr. G. Devi	20.03.2024
26	19REE004	EE	Sannistha Banerjee	Advanced Signal and Data Processing Techniques for Detection and Classification of Transient Events in Microgrid	Dr. P. S. Bhowmik	21.03.2024
Item # 3 RAC meeting held on 14.05.2024						
27	NITD/PhD/BT/ 2017/00959	BT	Sudeshna Halder	Molecular cloning, expression, characterization and thermostability enhancement of effector protein, IpaD (Invasion plasmid antigen D) from Enteroinvasive Escherichia Coli (EIEC)	Dr. N. Mahata	22.03.2024
28	NITD/PhD/CS/ 2018/01054	CS	Tumpa Banerjee	Deep Learning-based Price Forecasting for Horticultural Produce	Dr. P. Choudhury	28.03.2024
29	NITD/PhD/CS/ 2017/00904	CS	Subhajit Roy	Development and Analysis of a Multimedia Based Steganographic System	Dr. J. Howlader & Dr. G. Sanyal	04.04.2024
30	NITD/PhD/EC/ 2016/00830	EC	Arun Kumar Singh	Beamforming for Sensing and Communication towards Intelligent Transportation System	Dr. B. Maji & Dr. R. Bera	04.04.2024
31	20RHS038	HS	Ashoke Kumar Mandal	Gerontology and Bengali Cinema	Dr. S. K. Rai	05.04.2024
32	20RPH005	PH	Riju Karmakar	Investigation of the charge transport mechanism of PV A- based transition metal/metal oxide nanocomposites for enhancement of electrical and optical properties	Dr. A. K. Meikap	10.04.2024
33	21RCS059	CS	Biswajit Maity	Exploring Outdoor Context using Multi-modal Sensor Logs	Dr. S. Bhattacharjee	10.04.2024
34	21RMM026	MM	Ramesh Kumar	Desulphurization studies of liquid iron by hydrogen in an indigenously fabricated	Dr. A. K. Mandal	18.04.2024

				transferred arc plasma furnace		
35	19RMA034	MA	Arindam Ghosh	Mathematical Properties of Some Nonlinear Systems	Dr. S. Maitra	19.04.2024
36	19RHS035	HS	Lipika Kankaria	Expanding Horizons: A Critical Exploration of Bengali Women's Travel Narratives in English (1915-1947)	Dr. S. Banerjee	22.04.2024
37	20RHS073	HS	Avijit Das	Deconstructing the Afghan Conundrum: Neo-Orientalism and Counter-hegemonic Discursive Intrusions in Select Post 9/11 Global Fictions	Dr. S. K. Rai	22.04.2024
38	20REC051	EC	Navaneet Kumar Singh	Analysis and Performance Optimization of Tunnel FETs for Low Power Sensors Design	Dr. R. Kar & Dr. D. Mandal	22.04.2024
39	21RCH034	CH	Debasish Das Sharma	Experimental investigation of sorptive riddance of micropollutant enrofloxacin via biowaste derived activated char	Dr. G. Halder	22.04.2024
40	21RPH069	PH	Priya Chakraborty	Quantitative Analysis of Resource Sharing in Gene Regulatory Dynamics	Dr. S. Ghosh	22.04.2024
41	NITD/PhD/MA/2017/00951	MA	Sudeshna Devnath	Some Two-stage Four-Dimensional Transportation Problems in Uncertain Environment	Dr. S. Sarkar (Mondal) & Dr. M. Maiti	24.04.2024
42	21RME050	ME	Deshmukh Swarup Sunil	Studies on Hot Embossing of Polymer Substrate for Different Applications	Dr. A. Goswami	25.04.2024
43	NITD/PhD/EC/2016/00811	EC	Rohit Sharma	Development and Performance Evaluation of Improved ML and DL based Thyroid Cancer Detector	Dr. G. K. Mahanti & Dr. G. Panda	25.04.2024
44	19RHS026	HS	Shabori Mukherjee	Role of Information and Communication Technology on Women Empowerment: A Study on selected areas in Rural West Bengal	Dr. P. P. Sengupta	26.04.2024
45	NITD/PhD/EC/2016/00790	EC	Kanchan Baran Maji	Design of high performance CMOS VLSI circuits using Evolutionary Optimization Techniques	Dr. R. Kar, Dr. D. Mandal & Dr. S. P. Ghoshal	28.04.2024
46	20RCE0025	CE	Avishek Adhikary	Performance Assessment of Composite Bed Material in Constructed Wetland for Removal of Persistent Aqueous Contaminants	Dr. Supriya Pal	06.05.2024
47	NITD/PhD/MS/2016/00816	MS	Subhash Karmakar	Estimation Of Systemic Risk and Identification of Systemically Important Firms in India	Prof. Gautam Bandyopadhyay	06.05.2024

48	NITD/PhD/CY/ 2016/00812	CY	Shipra Mukhopadhyay	Studies on the extracts of some Indian plants as corrosion inhibitors for mild steel in 1M HCl medium	Dr. Utpal Adhikary	07.05.2024
49	20RCS040	CS	Pragna Labani Sikdar	Design and Development of Energy Efficient Street Lighting: Computational Intelligence Approaches	Dr. Parag Kumar Guha	08.05.2024
50	NITD/PhD/CS/ 2017/00913	CS	Sanjeet Kumar	Application Portability in Cloud Computing for non-cloud-native Linux Application	Dr. S. Das	09.05.2024
Item # 3 RAC meeting held on 26.08.2024						
51	20RCH0018	CH	Sayantan Sarkar	Reclamation of used lubricating oil using eco-friendly approach	Dr. B. Das, Dr. B. K. Mondal & Dr. D. Dutta	17.05.2024
52	NITD/PhD/ME/ 2018/01063	ME	Rajesh Kumar	Thermodynamic Analysis of Advanced Coal-Based Power Generation Systems with CO ₂ Capture	Dr. S. Karmakar	17.05.2024
53	20RCY010	CY	Angana Pan	Synthesis and characterization of Pt(II) and Pd(II) complexes with piperidine based carrier ligand: their bioactivity, anticancer property and theoretical insights	Dr. S. C. Moi	17.05.2024
54	NITD/PhD/CS/ 2017/00912	CS	Tiyasa Chakraborty	Lung and Liver Cancer Status Evaluation from Pre-and Post-treatment CT Images Using ML-based Image Segmentation	Dr. D. Nandi	17.05.2024
55	NITD/PhD/CE/ 2018/01004	CE	Arpan Ray	Rutting Analysis of Low Volume Roads Constructed from Construction and Demolished Waste	Dr. R. P. Nanda & Dr. P. Roy	20.05.2024
56	20REC072	EC	Sayanti Ghosh	UAV-assisted Energy Aware Multi-hop D2D Networks for Disaster Management	Dr. S. Dhar Roy	20.05.2024
57	21REC028	EC	Alok Kumar Baranwal	Energy Harvesting Enabled NOMA Networks with Half/Full Duplex Cooperative Relaying for Secured Transmission	Dr. S. Dhar Roy & Dr. S. Kundu	21.05.2024
58	NITD/PhD/IT/2 016/00799	CS	Nandan Banerji	Design and Analysis of Context-aware Middleware for Service Oriented Computing over Internet of Things	Dr. S. Choudhury	21.05.2024
59	NITD/PhD/BT/ 2018/01059	BT	Sunanda Mandal	Exploring Microbial Communities and Metabolic Processes in Deep Subsurface Continental Crust	Dr. K. S. Khannam	22.05.2024

				Underneath the Deccan Traps at Koyna Region, Western India		
60	20RME014	ME	Mainak Chakraborty	An approach to develop optimized design of dies and rolls in the manufacturing of forged railway wheels through finite element simulation	Dr. N. Banerjee	22.05.2024
61	NITD/PhD/EE/2017/00931	EE	Deepro Sen	Application of Soft Computing Techniques in Constrained Compensated Power Systems	Dr. P. Acharjee	22.05.2024
62	NITD/PhD/CH/2016/00782	CH	Anaya Ghosh	Studies on Effect of Waste Plastics on the Physical Structure of Municipal Solid Waste Bioreactor Landfill, its Leachate Generation, Optimization and Environmental Sustainability	Dr. B. Das & Dr. J. P. Sarkar	24.05.2024
63	NITD/PhD/MS/2017/00869	MS	Asmita Basu	Economic Sustainability and Strategic Management of Cultural Capital: An Exploratory Study with special reference to West Bengal	Dr. A. De	28.05.2024
64	20RCY008	CY	Swarup Kumar Tarai	Synthesis and characterization of pyrrolidine based Pt(II) & Pd(II) complexes as anticancer drug candidates: their theoretical investigations and bioactivity study	Dr. S. C. Moi	28.05.2024
65	20REE059	EE	Soham Dey	On Some Aspects of Controller Design for Electromagnetic Levitation System	Dr. S. Banerjee & Dr. J. Dey	29.05.2024
66	20RMA003	MA	Lekha Sharma	Effect of horizontal aspect ratio on magnetoconvective instabilities in the absence and presence of rotation	Dr. P. Pal	14.06.2024
67	20RMA076	MA	Sanjit Pal	A Study of Pre-Schwarzian and Schwarzian Norms of Certain Analytic Functions	Dr. Md. F. Ali	14.06.2024
68	19RBT030	BT	Moumita Maji	Molecular and Functional Characterization of a Pt(IV) Based Pro-drug for Targeted Anti-non-small Cell Lung Carcinoma Immunotherapy	Dr. M. Ghosh	18.06.2024
69	NITD/PhD/ME/2016/00813	ME	Shetha Daniel	Investigations into the influence of nano additives on the corrosion behavior of Electroless Ni-P coatings on Al-Mg alloy	Dr. N. Banerjee, Dr. M.C. Majumder & Dr. Sudhir C.V.	24.06.2024
70	20RMA045	MA	Chitrita Dasgupta	Linear and Nonlinear wave propagation in dusty and astrophysical plasmas	Dr. S. Maitra	25.06.2024
71	20RCE055	CE	Tamal Kundu	Detection and Monitoring of Damage in Rail Sections using Acoustic Emission Technique	Dr. A. K. Datta & Dr. P. Topdar	26.06.2024

72	19RMA033	MA	Kartick Mohanta	Study of some decision-making problems under neutrosophic environment	Dr. A. Pal	28.06.2024
73	NITD/PhD/PH/2017/00845	PH	Joyshree Maji	Synthesis and characterization of doped MgO nanoparticles to study antibacterial, electrical and electrochemical sensing properties	Dr. S. Basu & Dr. S. Pandey	02.07.2024
74	19RPH027	PH	Santanu Dey	Synthesis and Characterization of Some Nanomaterial Based Electrocatalysts to Investigate Borohydride Oxidation Performance for Fuel Cell Application	Dr. S. Basu	05.07.2024
75	21RME049	ME	Uttam Kumar Kar	Theoretical and Computational Findings in Newtonian and Non-Newtonian Condensations for Potential Applications	Dr. S. Sengupta & Dr. S. Pramanik	08.07.2024
76	19RCS042	CS	Rayani Praveen Kumar	Study and Design of Continuous Authentication Algorithms for Smartphone using Behavioral Biometrics	Dr. S. Changder	15.07.2024
77	20RME075	ME	Ravi Kant Singh	Studies on Flow Physics of a Vortex Tube	Dr. A. K. Pramanick & Dr. S. C. Rana	16.07.2024
78	NITD/PhD/CS/2017/00982	CS	Teressa Longjam	Design and Development of Some Uni-Scripted and Multi-Scripted Offline Signature Verification Systems	Dr. D. R. Kisku	18.07.2024
79	NITD/PhD/CY/2017/00840	CY	Priyanka Mukherjee	pH-Dependent synthesis and electrochemical arsenic sensing behaviour of Fe- and Co-based oxides, carbonates and hydroxysulphates	Dr. U. Adhikari & Dr. M. Mohapatra	24.07.2024
80	NITD/PhD/HS/2016/00705	HS	Veena Panjwani	Empirical Analysis on FDI- Growth relationship in India- An Exploration	Dr. P. P. Sengupta	25.07.2024
81	21RME011	ME	Nagendra Kumar	Techno-Economics of Renewable Based Energy Systems for Various Loads: Some Case Studies in India	Dr. S. Karmakar	25.07.2024
82	19RCY012	CY	Indrani Banerjee	Effect of frying, freezing and sun-drying on the biochemical components of fish	Dr. J. Chakrabarty & Dr. A. Bhattacharjee	25.07.2024
83	21RCS005	CS	Abhishek Kesarwani	Design and Development of AI-enabled Non-invasive Anaemia Detection Systems by Analysing Palm Video	Dr. M. Dalui Dr. D. R. Kisku	26.07.2024

84	NITD/PhD/CS/ 2018/01040	CS	Sovan Bhattacharya	Analysing Bibliometric Datasets to Study the Impact of the Co-authorship Relation in Scientific Publications	Dr. S. Nandi & Dr. D. K. Pradhan	26.07.2024
85	NITD/PhD/BT/ 2016/00740	BT	Arpan Dasgupta	Characterization and application of Pumilacidin, a lipopeptide biosurfactant from Bacillus pumilus NITDID1	Dr. S. Chaudhuri & Dr. D. De	30.07.2024
86	19RCS006	CS	Priyanka Chakraborty	Functional Specification for User-Centric Service Oriented Enterprise Architecture Framework	Dr. A. Sarkar	31.07.2024
87	NITD/PhD/ES/ 2018/01019	ES	Vineeta Prasad	Development of Quantitative Tool for Assessment of Regional Sustainability of Coal Mining Area	Dr. K. Adhikari	01.08.2024
88	NITD/PhD/BT/ 2017/00975	BT	Swamini Saini	Study of pomegranate peel extract as an alternative source of therapy for the skin infections caused by drug-resistant microbes	Dr. S. Chaudhuri, Dr. D. Dutta & Dr S. Ghosh	05.08.2024
89	21RCS029	CS	Amit Kumar Pramanik	Synthesis of Efficient and Reliable QCA Logic Circuit under Regular Clocking Scheme	Dr. B. Sen	06.08.2024
90	19RCS039	CS	Monalisa Mishra	IoT Enabled Pest and Plant Disease Detection using Machine Learning and Deep Learning Approaches	Dr. P. Choudhury	07.08.2024
91	NITD/PhD/CE/ 2017/00950	CE	Arpita Das	Experimental & analytical simulation of nanocomposite cementitious materials using various nano polymers	Dr. S. Saha	08.08.2024
92	NITD/PhD/ EC/2017/00 970	EC	Soumen Ghosh	Genome and Protein Sequence Comparison based on Representation on a Finite Dimensional Unit Hypercube	Dr. B. Maji & Dr. D. K. Bhattacharya	13.08.2024
93	NITD/PhD/ES/ 2018/01020	ES	Rhitwik Chatterjee	Genesis of present day arsenic contamination within shallow aquifers of upper part of western Bengal basin: evaluation through hydrogeochemistry and contaminant transport modelling	Dr. K. Adhikari	14.08.2024
94	NITD/PhD/CS/ 2017/00873	CS	Siba Prasada Tripathy	On Some Variants of Covering Salesman Problem in the Paradigm of Evolutionary Computing	Dr. T. Pal & Dr. S. Kar	19.08.2024

Item # 2 RAC meeting held on 04.09.2024

95	NITD/PhD/EC/ 2017/00918	EC	Partha Sarkar	Some Studies on the Design Issues to Improve Efficiency in Plasmonic Based Solar Cells	Dr. B. Maji and Dr. S. Panda	20.08.2024
96	NITD/PhD/CH/ 2017/00902	CH	Bhaskar Bishayee	Removal of fluoride from wastewater using low-cost materials	Dr. S. Dutta and Dr. B. Ruj	21.08.2024
97	NITD/PhD/EC/ 2016/00834	EC	Dwip Narayan Mukherjee	Optimization of VLSI Circuits	Dr. B. Maji and Dr. S. Panda	22.08.2024
98	21RPH052	PH	Manas Kumar Garai	Studies on Some all-optical Logic Processors Effective for WDM Based Data Communication System	Dr. M. K. Mandal and Dr. S. K. Garai	26.08.2024
99	20RPH031	PH	Arghya Pathak	Studies on Sparse Representation for Data Processing and Applications	Dr. M .K. Mandal	27.08.2024
100	21RPH053	PH	Subhashish Pal	Studies on Data Encryption Algorithm based on Hyperchaotic System	Dr. M .K. Mandal	27.08.2024
101	NITD/PhD/CE/ 2017/00886	CE	Prakash Mondal	Experimental Investigation on the Strength and Behaviour of Plate Reinforced Concrete Beam	Dr. A. K. Samanta and Dr. D. K. Singha Roy	27.08.2024
102	20RMA067	MA	Sumi Kar	Some studies on sustainable supply chain management under the effect of renewable energy through different mathematical approaches	Dr. A. Pal and Dr. B. Sarkar	30.08.2024
103	NITD/PhD/CS/ 2018/01013	CS	Prajna Paramita Pradhan	Design and Development of Efficient Data Transmission Methods in Wireless Body Area Networks for Improving Quality of Service	Dr. S. Bhattacharjee	30.08.2024

A. Discontinuation of 04 Ph.D. scholars (RAC Meetings held on 08.01.2024, 27.03.2024, 14.05.2024 and 26.08.2024) needs to be approved by the Senate

Sl. No.	Roll No.	Name of the Scholar
1	22BT1113	Somashree Pandit
2	22EC1106	Subarna Mondal
3	22BT1111	Pooja Pandey
4	20MM1105	Sagar Das
5	23ME1101	Krishanu Roy
6	22MM1106	Parthasarathi Maity
7	23MS1102	Priyanka Biswal
8	23EE1103	Dipali Dey
9	21EC1501	Subhankar Majhi
10	23CY1102	Dudekula Khasim Vali
11	22EC1106	Subarna Mondal
12	22EC1108	Shreeya Mahanty
13	24ME1104	Gourab Ganguly

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NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
REVISED ACADEMIC CALENDAR - 2024-2025

Annexure 72.12

ODD SEMESTER													
DAYS	JULY' 24		AUG' 24		SEPT' 24		OCT' 24		NOV' 24		DEC' 24		
SUN					1						1		
MON	1					2						2	
TUE	2					3			1			3	
WED	3					4		2	Gandhiji's Birthday			4	
THU	4	1				5		3				5	
FRI	5	2				6		4		1		6	
SAT	6	3				7		5		2		7	
SUN	7	4				8		6		3		8	
MON	8	5				9		7		4		9	
TUE	9	6				10		8		5		10	
WED	10	7				11		9		6		11	
THU	11	8				12		10		7	Pub. of Attendance Defaulter List	# Marks Submission (Regular Exam)	
FRI	12	9				13		11	Mahaasthami	8			
SAT	13	10				14		12	Dussehra	9			
SUN	14	11				15		13		10			
MON	15	Odd Semester AY 2024-25 Begins ++				16	Id-e-Milad	14		11	LAB / SESSIONAL EXAM ODD SEM 2024-25 & THEORY CLASSES WILL CONTINUE		
TUE	16	Pending Theory Exam of EVEN SEM. AY2023-24				17		15		12			
WED	17	Muharram				18	Closing date of Odd Semester Registration	16		13			Pub. of Result, Odd Sem, 2024-25
THU	18	Pending Theory Exam of EVEN SEM. AY2023-24				19	Independence Day	17		14			
FRI	19	Sem. Registration begins				20		18		15		Guru Nanak's Birthday	
SAT	20					21		19		16			
SUN	21					22		20		17			
MON	22					23		21		18			
TUE	23	Odd. Sem Class Begins				24		22		19			
WED	24					25		23		20		25 Christmas Day	
THU	25	# Marks Submission (Regular Exam)				26		24		21			
FRI	26					27		25		22			
SAT	27					28		26		23			
SUN	28					29		27		24			
MON	29					30		28		25			
TUE	30	Pub. of Result, Even Sem, 2023-24						29		26			
WED	31							30		27			
THU								31	Diwali	28			
FRI										29			
SAT										30			



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

REVISED ACADEMIC CALENDAR - 2024-2025

EVEN SEMESTER						
DAYS	JAN' 25	FEB' 25	MARCH' 25	APRIL' 25	MAY' 25	
SUN						
MON						
TUE						
WED	1	Even Semester AY 2024-25 Begins				
THU	2	Semester Registration				
FRI	3					
SAT	4					
SUN	5	2	2	6	4	
MON	6	Even Semester Class Begins				
TUE	7					
WED	8					
THU	9		# Marks Submission (Supply Exam)			
FRI	10					
SAT	11					
SUN	12	9	9	13	11	
MON	13					
TUE	14	Corrigendum Results, Odd Sem., 2024-25				
WED	15					
THU	16					
FRI	17					
SAT	18					
SUN	19	16	16	20	18	
MON	20	Supp. Examination Odd Sem 2024-25				
TUE	21					
WED	22					
THU	23					
FRI	24					
SAT	25					
SUN	26	Republic Day	23	23	27	
MON	27	Closing date of Even Semester Registration				
TUE	28					
WED	29					
THU	30					
FRI	31					
SAT						
SUN				30		
MON				31	Idul-Fitr	

Puja Vacation (Students):
October 09 -13, 2024
Puja Vacation (Faculty Members): October 09 - 10, 2024

Winter Vacation (Students):
December 01 -31, 2024
Winter Vacation (Faculty Members): December 20 - 30, 2024

Summer Vacation (Students):
May 01 - July 13, 2025
Summer Vacation (Faculty Members): May 20 - July 05, 2025

Last date of Marks submission by the teachers in Chanakya

++ Start date of first year classes (subject to change based on CSAB, CCMT, CCMN schedule)

Academic Year 2025-26 begins : July 14, 2025