

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

70th MEETING OF THE SENATE

HELD ON
WEDNESDAY, AUGUST 2, 2023
FROM 5.00 PM ONWARD
AT THE SENATE ROOM, S.N. RAY MEMORIAL BUILDING
NIT DURGAPUR



MINUTES

Minutes: 70th Meeting of the Senate
National Institute of Technology Durgapur

The details of the attendees of the 70th senate meeting held on August 02, 2023 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. Ajitava Roychaudhuri	External Member	Absent
3	Prof. Siddhartha Sen	External Member	Absent
4	Prof. Swagata Dasgupta	External Member	Absent
5	Prof. S. Chattopadhyay	Member	Present
6	Prof. K. Aikat	Member	Present
7	Prof. S. S. Mukhopadhyay	Member	Present
8	Prof. Dalia Dasgupta Mandal	Member	Present
9	Prof. A. Dey	Member	Present
10	Prof. Surabhi Chaudhuri	Member	Present
11	Prof. Apurba Kumar Patra	Member	Present
12	Prof. Rajnarayan Saha	Member	Present
13	Prof. Sankar Ch. 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	Absent
22	Prof. Purnendy Ray	Member	Present
23	Prof. Dilip Kumar Singha Roy	Member	Present
24	Prof. Kamal Bhattacharya	Member	Present
25	Prof. Showmen Saha	Member	Present
26	Prof. Amlan Das	Member	Present

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

[Signature]
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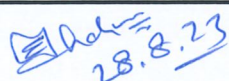
56	Prof. Biswajit Halder	Member	Present
57	Prof. Nilotpal Banerjee	Member	Present
58	Prof. Apurba Layek	Member	Present
59	Prof. Asit Baran Puri	Member	Present
60	Prof. Shibendu Shekhar Roy	Member	Present
61	Prof. Nirmal Baran Hui	Member	Present
62	Prof. Karuna Sindhu Ghosh	Member	Absent
63	Prof. Joydeep Maity	Member	Absent
64	Prof. Ajit Kumar Meikap	Member	Absent
65	Prof. Pathik Kumbhakar	Member	Absent
66	Prof. Amit Kumar Chakraborty	Member	Present
67	Prof. Siddhratha Shankar Thakur	Member-Secretary	Present

Invited Members:

Sl. No.	Name	Designation	Remarks
1	Dr. Debjani Dutta	HoD, BT	Present
2	Dr. Jaya Sikder	HoD, CH	Present
3	Dr. Diptesh Das	HoD, CE	Present
4	Dr. Kaushik Mandal	HoD, DMS	Present
5	Dr. Durbadal Mondal	HoD, ECE	Present
6	Dr. Arindam Modak	HoD, HSS	Present
7	Dr. Lakshmi Kanta Dey	HoD, MATHS	Present
8	Dr. Supriya Bera	HoD, MME	Present
9	Dr. Mrinal Kanti Mandal	HoD, PHYS	Present
10	Dr. Bibhash Sen	Head, CC	Present

Out of 67 Senate members, 58 members were present in the Senate Room of S. N. Roy memorial building and attended the meeting.

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

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Prof. S. S. Thakur, 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. 70.1

Confirmation of the Minutes of the 69th Senate Meeting held on January 23, 2023.

Since, no comments have been received from the members of the Senate, minutes of the 69th Senate meeting were confirmed by the Senate with following riders

- (a) Decision of Lodging an FIR against Shivam Ladia (vide Senate Item No. 69.3 and Item No. 6 of UGAC meeting held on 19/01/2023) is withdrawn, based on the appeal submitted by Krishna Kant Ladia, father of Shivam Ladia.
- (b) A competition shall be organized among the students and alumna of NIT Durgapur regarding the Institute Flag (vide Item No. 69.9) and winner of the competition shall be given an award / certificate of appreciation. The best designed Institute Flag shall be presented to the Senate for approval.

Item No. 70.2

Action Taken Reports on the decisions of 69th Senate Meeting

The Senate perused the action taken by the Institute on the decisions of the 69th meeting of the Senate held on January 23, 2023 and noted the Action Taken Reports with satisfaction as circulated with the agenda papers of the 70th Senate meeting.

PART A: MATTERS RELATED TO UG STUDIES

Item No. 70.3

To consider the resolutions of UGAC meetings.

In between the 69th Senate meeting held on January 23, 2023 and 70th meeting held on August 02, 2023, five UGAC meeting were held on 31.01.2023, 28.03.2023, 17.05.2023, 30.05.2023 and 27.06.2023 and Dean (Academic Courses) with the permission of Chairman, Senate presented the minutes of those meetings one after another and following resolutions taken.

The Senate considered and ratified the approval accorded to publish the results.

- (a) Supplementary Results (other than first year UG) of Odd Semester 2022-23, vide Item No. 2 of UGAC meeting held on 31/01/2023

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- (b) First Semester UG results of 2022-23, vide Item No. 2 of UGAC meeting held on 28/03/2023
- (c) Even Semester UG results (Other than first year UG) and some corrigendum results of first year UG of 2022-23, vide Item Nos. 2 and 3 of UGAC meeting held on 30/05/2023
- (d) Supplementary Results of 8th Semester UG and Second Semester UG results of 2022-23, vide Item Nos. 2 and 3 of UGAC meeting held on 27/06/2023

The Senate considered and ratified the approval accorded by the Chairman, Senate regarding the Academic Calendar, vide Item No. 5 of UGAC meeting held on 17/05/2023 and Item No. 9 of UGAC meeting held on 27/06/2023.

The senate approved the following resolutions of UGAC meetings with some riders as mentioned below.

Item No. # 6 of UGAC meeting held on 28/03/2023: The senate observed that presently there is no requirement of a separate departmental academic committee for monitoring the courses offered by the Sports Activity Centre. The SAS officer is permitted to enter the marks in ERP module of the Institute.

Item No. # 7 of UGAC meeting held on 30/05/2023 and subsequently ratified on 27/06/2023: Following change in the UG regulations is approved.

Clause No.	Existing Clause	Revised Clause
Appendix – III, point nos. 2 (refer to UG Regulations, page no. 28)	Conversion from marks to grade shall be done using the table given below. However, the teacher may on his / her perception of difficulty level of assessment process undertaken, alter the boundary / cut off marks by \pm 2 marks.	Conversion from marks to grade shall be done using the table given below. However, the teacher may on his / her perception of difficulty level of assessment process undertaken, alter the boundary / cut off marks by \pm 2 marks.
Appendix III, point no. 6 (refer to UG Regulations, page no. 28)	There is no provision for supplementary examination/backlog in the sessional courses. If the student cannot clear the sessional courses, he/she will be declared 'Failed' and has to repeat the semester.	There is no provision for supplementary examination in the sessional courses. If the student cannot clear one sessional course in a semester, s/he will be awarded 'Failed' grade in that subject and has to re-register the subject as a backlog sessional subject with the next batch of students. However, if s/he cannot clear more than one sessional subject, s/he will be declared "Failed" and has

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		to repeat the semester taking re-admission with the next batch of students.
Clause 12.2 (refer to UG Regulations, page no. 16)	A student will be allowed for appearing in an end- term examination only if he/she has: a) Passed in the sessional/ laboratory course(s) b) Paid all Institute dues of the semester c) Paid all Hall dues of the semester. Warden, Hall of Residences shall forward the list of defaulters at least one week before the commencement of examination. d) Not been debarred from appearing the examination due to the result of any disciplinary proceeding.	A student will be allowed for appearing in an end-term examinations (theory and laboratory / sessional) only if he/she has: a) Passed in the sessional/ laboratory course(s) b) Paid all Institute dues of the semester c) Paid all Hall dues of the semester. Warden, Hall of Residences shall forward the list of defaulters at least one week before the commencement of examination. d) Not been debarred from appearing the examination due to the result of any disciplinary proceeding.
Clause 12.3 (c) (referring to UG Regulations, page no. 17)	"If a student fails"	Following two lines are appended in addition to what is existing Students shall be permitted to appear in alternate mid-term / supplementary examinations with full credit after recommendation by the medical board of the Institute • If s/he suddenly fall sick during examination.
Clause 12.5 (refer to UG Regulations, page nos. 17 & 18)	For the course(s) having 2 Lecture hours per week, the end-term examination will be of 2 hours duration; while course(s) having more than 2 Lecture and Tutorial contact hours per week, the end-term examination will be of 3 hours duration.	For all the theory course(s), the end-term examination will be of 3 hours duration.

The Senate considered and accorded approval against the rest of the items of UGAC meetings as resolved by the UGAC and as presented with agenda notes of 70th Senate meeting.

PART B: MATTERS RELATED TO PG STUDIES

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Item No. 69.4 To consider the resolutions of PGAC meetings.

In between the 69th Senate meeting held on January 23, 2023 and 70th meeting held on August 02, 2023, five PGAC meeting were held on 31.01.2023, 28.03.2023, 17.05.2023, 30.05.2023 and 27.06.2023 and Dean (Academic Courses) with the permission of Chairman, Senate presented the minutes of those meetings one after another and following resolutions taken.

The Senate considered and ratified the approval accorded to publish the results.

- (a) Supplementary Results of Odd Semester 2022-23, vide Item No. 2 of UGAC meeting held on 31/01/2023
- (b) Even Semester PG results of 2022-23, vide Item No. 3 of UGAC meeting held on 30/05/2023

The Senate considered and ratified the approval accorded by the Chairman, Senate regarding the Academic Calendar, vide Item No. 5 of PGAC meeting held on 17/05/2023 and Item No. 9 of PGAC meeting held on 27/06/2023.

The senate approved the following resolutions of PGAC meetings with some riders as mentioned below.

Item No. # 7 of PGAC meeting held on 30/05/2023 and subsequently ratified on 27/06/2023: Following change in the PG regulations is approved.

Clause No.	Existing Clause	Revised Clause
Appendix – II, point nos. 2 (c) (refer to PG Regulations, page no. 25)	Conversion from marks to grade shall be done using the table given below. However, the teacher may on his / her perception of difficulty level of assessment process undertaken, alter the boundary / cut off marks by \pm 2 marks.	Conversion from marks to grade shall be done using the table given below. However, the teacher may on his / her perception of difficulty level of assessment process undertaken, alter the boundary / cut off marks by \pm 2 marks.
Appendix II, point no. 6 (refer to PG Regulations, page no. 26)	There is no provision for supplementary examination / backlog in the sessional courses. If the student cannot clear the sessional courses, he/she will be declared 'Failed' and has to repeat the semester.	There is no provision for supplementary examination in the sessional courses. If the student cannot clear one sessional course in a semester, s/he will be awarded 'Failed' grade in that subject and has to re-register the subject as a backlog sessional subject with the next batch of students. However, if s/he cannot clear more than one sessional

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		subject, s/he will be declared “Failed” and has to repeat the semester taking re-admission with the next batch of students.
Clause 12.2 (refer to PG Regulations, page no. 15)	A student will be allowed for appearing in an end- term examination only if he/she has: a) Passed in the sessional/ laboratory course(s) b) Paid all Institute dues of the semester c) Paid all Hall dues of the semester. Warden, Hall of Residences shall forward the list of defaulters at least one week before the commencement of examination. d) Not been debarred from appearing the examination due to the result of any disciplinary proceeding.	A student will be allowed for appearing in an end- term examination only if he/she has: a) Passed in the sessional/ laboratory course(s) b) Paid all Institute dues of the semester c) Paid all Hall dues of the semester. Warden, Hall of Residences shall forward the list of defaulters at least one week before the commencement of examination. d) Not been debarred from appearing the examination due to the result of any disciplinary proceeding.
Clause 12.3 (c) (refer to PG Regulations, page no. 15)	“If a student fails”	Following two lines are appended in addition to what is existing Students shall be permitted to appear in alternate mid-term / supplementary examinations with full credit after recommendation by the medical board of the Institute • If s/he suddenly fall sick during examination.

The Senate also considered and accorded approval against the rest of the items of PGAC meetings as presented with agenda notes of 70th Senate meeting.

Item No. 70.5 To consider the rationalization of the Post Graduate Seat Matrix

Dean (Academic Courses) with the permission of Chairman, Senate presented the agenda. After deliberations, the Senate resolved that this agenda item is deferred for discussion in the next Senate meeting, since the counselling and admission for the AY 2023-24 is not yet completed.

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PART C: MATTERS RELATED TO PhD STUDIES

Item No. 70.6 To consider the resolutions of RAC meetings.

In absence of Dean (Academic Research), Dean (Academic Courses) with the permission of Chairman, Senate presented the minutes of four RAC meetings held on 17.04.2023, 19.05.2023, 13.06.2023 and 11.07.2023 one after another.

Since, most of the points were of routine matter and RAC recommended following PhD regulations, the Senate considered and approved/ratified the resolutions including the registration of 45 candidates (**Annexure 70.I**) for the PhD program, and recommended the award of PhD degrees to 33 candidates (**Annexure 70.II**) with riders on following points.

RAC meeting held on 17.04.2023

Item # 4: To consider the appeal for an Extension of period of Registration of the following scholars: (i) Oliva Roy (Roll No.: 15HS1106, Reg. No. NITD/PhD/HS/2016/00724), & (ii) Arpan Dasgupta (Roll. No. 15BT1110, Reg. No. NITD/PhD/BT/2016/00740) -

One year of extension of period of registration is granted for both the scholars as a special case and shall not be considered as a matter of precedence.

Item # 8: To consider an appeal from Dept. of Mathematics regarding reallocation of supervisor for the PhD scholars of Late Prof. K. Basu and request for a special consideration in counting number of scholars per capita: The Senate approved the recommendation made by RAC as a onetime measure and shall not be considered as a matter of precedence.

PART D: OTHER MATTERS

Item No. 70.7 Reporting of the NBA visit to NIT Durgapur for accreditation in respect of the Department of Electrical Engineering, Department of Mechanical Engineering, Department of Chemical Engineering, Department of Civil Engineering and the Department of Metallurgical & Materials Engineering.

Dean (Academic Courses) with the permission of Chairman, Senate presented the observations made by the visiting team of NBA for accreditation of six UG programs, BTECH-CE, BTECH-CH, BTECH-EE, BTECH-ME, BTECH-MM during March 24-26, 2023 and BTECH-EC on May 06, 2023.

The Senate noted the approval of accreditation of five UG programs, BTECH-CE, BTECH-CH, BTECH-EE, BTECH-ME, BTECH-MM for 3 academic years (2022-23 to 2024-25) and also noted all the observations made by the visiting team.

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Item No. 70.8 Opening of DBT-Sponsored MSC Program on Life Sciences with specialization in Microbial Biotechnology / Plant & Animal Biotechnology from AY2023-24

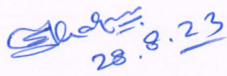
With the permission of Chairman, Senate, Dean (Academic Courses) presented the details of opening a new MSC program on Life Sciences with specialization as mentioned. The Senate was informed that the matter is already approved by the Chairman, Senate and an agreement has already been signed by the Coordinator of the Program (Prof. Sudit Shekhar Mukhopadhyay) and Chairman, Senate related to mandatory terms and conditions to be followed.

The Senate considered and ratified all the points including the matter of fee waiver to be given to the students belonging to SC, ST, EWS, and DA as presented in Annexure 70.8 of the Agenda note of 70th Senate meeting.

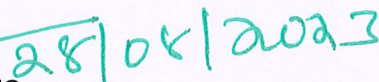
Item No. 70.9 Any other matter with the permission of the Chair.

No additional Agenda items were placed in the meeting.

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


Registrar & Secretary, Senate
NIT Durgapur
Date: 28-08-2023


Director & Chairman, Senate
NIT Durgapur
Date: 28-08-2023



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Annexure-70.I

On the recommendation of RAC, registration of 45 Candidates for Ph.D. Programme (RAC Meetings held on 17.04.2023, 19.05.2023, 13.06.2023 and 11.07.2023) is approved by the Senate and shall be reported to BOG.

Item # 2 RAC meeting held on 17.04.2023

Sl. No.	Roll No.	Name of the Scholar	Dept.	Name of the Supervisor(s)	Date of Registration
1	20MM1503	KashiNath Malik	MM	Dr. A. K. Mandal, Dr. S. Ghorai	27.12.2022
2	20BT1108	Sandip Mahato	BT	Dr. K. Aikat	16.01.2023
3	21CY1501	Pradeep Kumar Rout	CY	Dr. S. Ghosal	16.01.2023
4	21CY1104	Sayon Satpati	CY	Dr. S. Ghosal	16.01.2023
5	21CE1104	Nisheeth Shekhar	CE	Dr. S. Pal	17.01.2023
6	20MS1102	Vikash Mandal	MS	Dr. D. Pal	19.01.2023
7	21EC1103	Satish Kumar	EC	Dr. D. Mandal, Dr. R. Kar & Dr. G. Ram, NIT Warangal	27.01.2023
8	20BT1112	SouravSaha	BT	Dr. S. Chaudhuri	30.01.2023
9	21EE1102	Ankur Yadav	EE	Dr. T. K. Bera	03.02.2023
10	21ME1104	Geeta Verma	ME	Dr. R. N. Barman	06.02.2023
11	21CH1102	Nabanita Ghosh	CH	Dr. G. Halder	10.02.2023
12	21EE1101	Ananthammagari Bharathsimha Reddy	EE	Dr. S. N. Mahato	14.02.2023
13	20MM1502	Arijit Banerjee	MM	Dr. M. M. Ghosh, Dr. K. S. Ghosh	17.02.2023
14	21ME1108	Meghnath Sen	ME	Dr. A. B. Puri	23.02.2023
15	21MM1103	Mohammad Hamza	MM	Dr. S. Pramanik, Dr. K. P. Yagati	24.02.2023
16	21MM1102	Avash Kumar Saha	MM	Dr. A. K. Mandal	28.02.2023
17	21HS1104	Tanushree Mitra	HS	Dr. A. Modak, Dr. S. Banerjee	02.03.2023
18	20EC1103	Rajeev Shukla	EC	Dr. A. Chandra	02.03.2023
19	21MS1101	InduNath Jha	MS	Dr. S. Sarkar, Dr. D. Pal	14.03.2023
20	20MS1101	Anwesha Mazumder	MS	Dr. K. Mandal	28.03.2023
21	20CS1101	Banashree Mandal	CS	Dr. D. Das	06.04.2023

Item # 2 RAC meeting held on 19.05.2023

22	21MA1102	Anirban Sen	MA	Dr. S. Sarkar (Mondal)	10.04.2023
23	21MA1104	Parikshit Das	MA	Dr. A. Pal	10.04.2023
24	21MA1108	Supriya Mondal	MA	Dr. S. Maitra	10.04.2023
25	20BT1106	Chandrima Roy	BT	Dr. S. Roy Barman	18.04.2023
26	21PH1104	Mansi Mandal	PH	Dr. S. Sahoo	21.04.2023
27	20CE1501	Pranoy Roy	CE	Dr. A. K. Samanta	03.05.2023
28	20MM1104	Satadipa Banerjee	MM	Dr. M. M. Ghosh, Dr. B. Maji	08.05.2023

Item # 4 RAC meeting held on 13.06.2023

29	21CS1109	Durgesh Lohar	CS	Dr. B. Sen	23.05.2023
30	21CS1101	Arnab Chatterjee	CS	Dr. S. Changder	05.06.2023
31	21PH1102	Iman Biswas	PH	Dr. A. Mondal	06.06.2023

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Item # 2 RAC meeting held on 11.07.2023

Sl. No.	Roll No.	Name of the Scholar	Dept.	Name of the Supervisor(s)	Date of Registration
32	20BT1102	Subhadip Saha	BT	Dr. M. Ghosh	10.03.2023
33	21CH1103	Saheli Kar	CH	Dr. T. Mandal	12.05.2023
34	20CS1106	Ashwin CS	CS	Dr. S. Roy	19.06.2023
35	20EC1106	Satyam Shivam Sundram	EC	Dr. A. K. Mal & Dr. R. Todani	21.06.2023
36	21CE1102	Apurba Pal	CE	Dr. A. K. Datta	22.06.2023
37	21MA1107	Lokenath Thakur	MA	Dr. Md Firoz Ali	23.06.2023
38	22CH1105	Rhithuparna D	CH	Dr. G. Halder & Dr. S. L. Rokhum	27.06.2023
39	21MA1501	Ratnabali Pal	MA	Dr. S. Kar	28.06.2023
40	21EE1505	Sumit Kumar	EE	Dr. S. Banerjee	30.06.2023
41	21CY1105	Jharna Mahato	CY	Dr. T. K. Saha	03.07.2023
42	21PH1107	Mita Karmakar	PH	Dr. S. Basu	03.07.2023
43	21PH1101	Anurup Chakraborty	PH	Dr. A. K. Chakraborty	04.07.2023
44	22EC1103	Arun Raj	EC	Dr. D. Mandal	04.07.2023
45	21CH1108	Iman Ghosh Dastidar	CH	Dr. P. Pal & Dr. M. Roy	06.07.2023

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Annexure-70.II

As reported by RAC (refer to MOM of RAC Meetings held on 17.04.2023, 19.05.2023, 13.06.2023 and 11.07.2023), 33 PhD students completed all requirements for the award of Ph.D. Degree and recommended by 70th SENATE dated 02.08.2023 for approval of the BOG.

Item # 3 RAC meeting held on 17.04.2023

Sl. No	Registration No.	Dept.	Name of the Scholar	Title of the Thesis	Name of the Supervisor(s)	Date of Defence
1	NITD/PhD/BT/2 018/01031	BT	Priyanka Sarkar	Studies on biodegradation of 4-Nitrophenol by a bacterial consortium isolated from a pesticide contaminated agricultural soil	Dr. A. Dey	17.01.2023
2	20REE006	EE	Pullabhatla Srikanth	Integrated Intelligent System for Recognition and Location of Power Quality Problems in an Interconnected Power Systems	Dr. C. Koley	17.01.2023
3	NITD/PhD/HS/ 2016/00832	HS	Gautam Mazumdar	Impact Assessment of Community Institution Model for promotion of Rural Micro Enterprises under NRLM Pilot Scheme- Start-Up Village Entrepreneurship Program (SVEP), India	Dr. P. P. Sengupta	20.01.2023
4	NITD/PhD/CY/2 018/01068	CY	Saikat Mishra	Biological Relevance and Reactivity of Cu(II/I) Complexes Supported by N,S Donor Ligands	Dr. A. K. Patra	27.01.2023
5	NITD/PhD/CS/ 2017/00969	CS	Pijush Kanti Dutta Pramanik	Sustainable Computing with Mobile Crowd Computing	Dr. P. Choudhury	30.01.2023
6	NITD/PhD/PH/ 2017/00844	PH	Mahadeb Pal	Theoretical study of some properties of finite nuclei and core-crust transition density of neutron stars with finite range effective interaction	Dr. S. Sahoo, Dr. B. Sahoo, TDB College, Raniganj, Dr. S. Chakraborty, M.M.M College, Durgapur	08.02.2023
7	20REE0016	EE	Mehebab Alam	Novel Algorithms of Line Outage Detection Using Synchronophasor Measurements	Dr. S. S. Thakur, Dr. Sumit Banerjee,	13.02.2023

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Sl. No	Registration No.	Dept.	Name of the Scholar	Title of the Thesis	BCREC Durgapur	Date of Defence
8	NITD/PhD/CE/2017/00887	CE	Shyamal Kumar Dutta Mazumdar	Performance Evaluation of the Compacted Lateritic Soil Amended with Bentonite and Fly Ash used as Composite Liner Material for Ash Pond Sites of Thermal Power Plant	Dr. S. Pal	13.02.2023
9	NITD/PhD/EC/2018/00998	EC	Partha Das	Dielectric Engineering on GaN for High Electron Mobility Transistors	Dr. R. Mahapatra, Dr. A. K. Chakraborty	15.02.2023
10	NITD/PhD/BT/2018/01032	BT	Subhasree Majumdar	Studies on Bacterial Secondary Metabolites: Low-cost Production, Applications and Toxicity in Animal System	Dr. D. Dasgupta Mandal	17.02.2023
11	NITD/PhD/EC/2018/01069	EC	Anjan Bandyopadhyay	Studies on Reconfigurable Multiband and Wideband Microwave Bandpass Filters	Dr. R. Ghatak, Dr. T. Mondal, BCREC, Durgapur	20.02.2023
12	20RCH004	CH	Sumona Show	Comparative Assessment of Ibuprofen Removal through Biosorption and Bioremediation Technique	Dr. G. Halder	20.02.2023
13	20REC013	EC	Argha Deep Paul	Resistive Memory Devices based on Al doped HfO _x for Flexible Electronics Applications	Dr. R. Mahapatra	21.02.2023
14	NITD/PhD/EC/2016/00745	EC	Himangshu Pal	Natural Cellulosic Graphene: Synthesis, Characterization and Electro Chemistry Application	Dr. R. Mahapatra, Dr. S. Chatterjee, SMIT, Sikkim	01.03.2023
15	NITD/PhD/PH/2018/01072	PH	Tuli Chatterjee	Structural, microstructural and electrical characterizations of some metal-hydroxyapatite nanocomposites based bioceramics developed by chemical and green synthesis routes	Dr. A. K. Meikap, Dr. S. K. Pradhan, B.U., Burdwan	29.03.2023
16	NITD/PhD/CH/2018/01009	CH	Anjali. K. P	Seaweed Mediated Synthesis of Nanoparticles: Its Characterization and Application	Dr. S. Dutta, Dr. G. Devi, NUST Oman	29.03.2023
17	NITD/PhD/CS/2015/00672	CS	Deepa Naik	Studies in optical and wireless networks	Dr. T. De	06.04.2023

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Item # 3 RAC meeting held on 19.05.2023						
Sl. No	Registration No.	Dept.	Name of the Scholar	Title of the Thesis	Name of the Supervisor(s)	Date of Defence
18	NITD/PhD/HSS/2017/00855	HS	Asoke Howlader	The Spectrum of Global Concerns in the Light of Globalization: A Study in the Select Plays of Mahesh Dattani	Dr. A. Modak	11.04.2023
19	NITD/PhD/ME/2018/01029	ME	Aman Arora	Development and Modelling of Low Pressure Actuated Pneumatic Artificial Muscle for Assistive Applications	Dr. S. S. Roy	12.04.2023
20	NITD/PhD/CH/2015/00649	CH	M. J. Varghese	Removal of Organic Pollutants from Seawater using Solar Nano Photocatalysts	Dr. S. Dutta, Dr. S. Feroz, PMBF University, Saudi Arabia	13.04.2023
21	20RCE057	CE	Sudha Das Khan	Fuzzy Logic-based Condition Assessment and Ranking of Reinforced Concrete Bridges: A Study	Dr. P. Topdar, Dr. A. K. Datta	19.04.2023
22	20RMA044	MA	Prasanta Kumar Ghosh	Modelling of Some Green and Sustainable Supply Chain Problems under Different Payment Strategies	Dr. S. Kar, Dr. J. K. Dey, Mahishadal Raj College, Purba Medinipur	20.04.2023
23	NITD/PhD/EE/2016/00781	EE	Kingsuk Majumdar	Enhancement of ATC for Integrated Power System Incorporating UPFC and Renewable Energy Sources	Dr. S. Banerjee, Dr. P. K. Roy, Kalyani Govt. Engg. College	20.04.2023
24	20RPH0024	PH	Sanjib Mondal	Studies on metal nanoparticles covered Erbium doped TiO ₂ thin film based plasmonic Photodetectors	Dr. A. Mondal	26.04.2023
25	NITD/PhD/ChE/2015/00591	CH	Sabyasachi Pramanik	Adsorptive Removal of Cyanide and Phenol from Wastewater	Dr. K. C. Ghanta, Dr. S. Dutta	26.04.2023

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26	19RMS016	MS	Sayan Gupta	A Comprehensive Soft-Computing Approach for Construction of Conservative Portfolio in Indian Equity Market	Dr. G. Bandyopadhyay	16.05.2023
Item # 5 RAC meeting held on 13.06.2023						
Sl. No	Registration No.	Dept.	Name of the Scholar	Title of the Thesis	Name of the Supervisor(s)	Date of Defence
27	NITD/PhD/MS/2017/00914	MS	Sanjib Biswas	Empirical Inference of Investment Decision Making from Operations Research Context: An Insight of FMCG and Consumer Durable Sectors in India	Dr. G. Bandyopadhyay	24.05.2023
28	NITD/PhD/MS/2017/00966	MS	Dipanita Deb	The Impact of Corporate Social Responsibility on the Financial Performance of Corporates: An International Evidence	Dr. A. De, Dr. P. Gillet, RITM, Universite Paris-Saclay, France	24.05.2023
Item # 3 RAC meeting held on 11.07.2023						
29	NITD/PhD/EC/2018/01011	EC	Sanjukta Mandal	Studies on Designing On-chip Antennas in Silicon IC for Short Range Communication	Dr. S. K. Mandal, Dr. R. Mahapatra, Dr. A. K. Mal	12.06.2023
30	NITD/PhD/ME/2018/01085	ME	Bishwajit Sharma	Fluid Flow and Convective Heat Transfer past a Slotted Circular Cylinder	Dr. R. N. Barman	13.06.2023
31	NITD/PhD/EC/2018/01058	EC	Sujoy Mandal	Studies on Sideband Radiation Characteristics towards Improving Time-Modulated Antenna Array Performances	Dr. S. K. Mandal	21.06.2023
32	NITD/PhD/CH/2018/01055	CH	Meenakshi Malhotra	Development of Sustainable Membrane-Based Technologies for Selenium Abatement Towards Reutilization from Aqueous System	Dr. P. Pal	23.06.2023
33	20RCY039	CY	Aditya Suhasaria	Corrosion inhibition of mild steel in aqueous HCl medium by benzothiazole derivatives: structure reactivity correlation study	Dr. D. Sukul	28.06.2023

