

AGENDA NOTES

71st SENATE MEETING



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
WEST BENGAL, INDIA
URL: <http://www.nitdgp.ac.in>



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

71st MEETING OF THE SENATE

TO BE HELD ON

MONDAY, DECEMBER 18, 2023

FROM 04.00 P.M. ONWARD

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

NIT DURGAPUR



INTENTIONALLY LEFT IT BLANK



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

INDEX

Sl. No.	Content	Pages
1	Agenda Notes of 71st Senate Meeting	
	71.1: Confirmation of the Minutes of the 70 th Senate Meeting	3
	71.2: Action taken report on the minutes of the 70 th Senate Meeting	3-4
	71.3: To consider and approve the names of degree recipients in the 19 th Convocation of the Institute.	4
	71.4: To consider and approve the names of graduating students for the award of various gold medals and best project certificates in the 19 th Convocation of the Institute.	4
	71.5: To consider matters related to UG and PG studies.	5-6
	71.6: To consider the resolutions of the RAC meetings	6-7
	71.7: To consider the nomination of two faculty members as members in BoG of the Institute	8
	71.8: To consider revision of Clause Nos. 5 and 7 of the Sponsored Research and Consultancy Cell (SRCC) guidelines.	8-9
	71.9: To consider the revision on norms and forms of utilization of Cumulative Professional Development Allowance (CPDA)	10
	71.10: To consider opening of B. Tech. Program in Mathematics and Computing from AY2024-25.	10
	71.11: To consider opening of M. Tech. Program in AI and Data Science from AY2024-25.	10
	71.12: To consider discontinuation of few M. Tech. Programs.	11
	71.13: Any other matter with the permission of the chair	11
2	Annexure 71.1: Minutes of the 70 th Senate Meetings held on August 02, 2023	12-28
3	Annexure 71.3.1: List of degree awardees for the B.Tech., Dual Degree and Integrated M.Sc. programs	29-54
4	Annexure 71.3.2: List of degree awardees for the M. Tech., M.Sc., MBA, MSW programs	55-62
5	Annexure 71.3.3: List of degree awardees for the Ph.D. program	63-64
6	Annexure 71.4: List of Gold Medal and best project awardees	65-70
7	Annexure 71.5.1: Resolutions of the UGAC & PGAC meeting held on 21.08.2023	71-85
8	Annexure 71.5.2: Resolutions of the UGAC & PGAC meeting held on 09.10.2023	86-115
9	Annexure 71.5.3: Resolutions of the UGAC & PGAC meeting held on 11.12.2023	116-127
10	Annexure 71.6.1: Resolutions of the RAC meeting held on 14.09.2023	128-134
11	Annexure 71.6.2: Resolutions of the RAC meeting held on 08.12.2023	135-167
12	Annexure 71.6.3: List of PhD students completed formalities for PhD registration (68 nos.)	168-170
13	Annexure 71.9: Revised norms and guidelines of CPDA	171-176

INTENTIONALLY LEFT IT BLANK



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

Item No. 71.1	Confirmation of the Minutes of the 70th Meeting of the Senate.
--------------------------------	--

The 70th Meeting of the Senate was held on Wednesday, August 02, 2023, from 5.00 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 71.1**, brief is presented below).

No comments were received from the members.

Submitted to the Senate for confirmation of the Minutes.

Item No. 71.2	Actions Taken Report on the Resolutions Taken in the 70th Meeting of the Senate.
--------------------------------	--

Ref. No.	Agenda Matter	Minutes in brief	Action Taken
70.3	To consider the resolutions of UGAC meetings	The Senate approved/ratified the resolutions of UGAC meetings.	Resolutions duly implemented.
70.4	To consider the resolutions of PGAC meetings	The Senate approved/ratified the resolutions of PGAC meetings.	Resolutions duly implemented.
70.5	To consider the rationalization of the Post Graduate Seat Matrix	The agenda item was deferred for discussion in the next Senate meeting	Included for discussion as a Separate Agenda (Item No. 71.12).
70.6	To consider the resolutions of RAC meetings	The Senate approved/ratified the resolutions of RAC meetings.	Resolutions duly implemented.
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.	The Senate noted the approval of accreditation of five UG programs.	Being worked upon.
70.8	Opening of DBT-Sponsored M. Sc. Program on Life Sciences with specialization in Microbial Biotechnology / Plant & Animal Biotechnology from AY2023-24.	The Senate considered and ratified all the points.	Resolutions duly implemented.



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

The Senate may note the action taken report.

Decision of the Senate:

Item No. 71.3	To consider and approve the names of degree recipients in the 19th Convocation of the Institute.
----------------------	--

The program wise list of graduated students (total 1198 numbers) along with their roll numbers, who are eligible to receive their respective degrees in the 19th Convocation are presented in **Annexures 71.3.1 (B.Tech., Dual Degree and Integrated M.Sc. programs), 71.3.2 (M. Tech., M.Sc., MBA, MSW programs), 71.3.3 (Ph.D. program)**, respectively. The list has been recommended by UGAC and PGAC in its meeting dated 09.10.2023 and the Senate may consider them for necessary approval.

Summary of Graduated Students for UG, DD, Int. M.Sc., PG & PhD programs.

Sl. No.	Name of the Program	No. of students graduated		
		Boys	Girls	Total
1	Bachelor of Technology	626	150	776
2	Dual Degree Program	6	2	8
3	Integrated Master of Science in Chemistry	6	6	12
4	Master of Technology	174	69	243
5	Master of Science	53	33	86
6	Master of Business Administration	7	10	17
7	Master of Social Work	1	5	6
8	Doctor of Philosophy	35	18	53
	Grand Total	908	293	1201

The Senate is requested to consider and approve the same.

Decision of the Senate:

Item No. 71.4	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.
----------------------	---

The names of graduating students for the award of Institute Gold Medals (36 Nos.), Endowment Gold Medals (4 Nos.) and Best Project Certificates (2 Nos.) as presented in **Annexure 71.4** have been recommended by UGAC and PGAC in its meeting dated 09.10.2023.

The Senate is requested to consider and approve the same.

Decision of the Senate:



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

Item No. 71.5	To consider matters related to UG and PG studies.
--------------------------------	--

The Senate may consider matters related to UG and PG studies including the resolutions of the UGAC and PGAC meetings held on 21.08.2023, 09.10.2023, and 11.12.2023 (refer to the **Annexures 71.5.1, 71.5.2, and 71.5.3, respectively**).

Most of the matters are routine in nature and have been recommended by UGAC and PGAC following UG, PG Regulations. However, the Senate may consider and deliberate on the following points for approval.

Item No. 9 of UGAC and PGAC meeting dated 21-08-2023: To consider the Degree Nomenclature of DBT-sponsored M.Sc. program in Life Sciences.

UGAC and PGAC Resolutions:

Degree nomenclature shall be - (a) 1st and 2nd semesters grade cards, it will be mentioned as Master of Sciences in Life Sciences; (b) 3rd and 4th semesters and final degree certificate, it will be mentioned as Master of Sciences in Life Sciences (Specialization: Microbial Biotechnology) or Master of Sciences in Life Sciences (Specialization: Plant & Animal Biotechnology), respectively.

Item No. 9 of UGAC and PGAC meeting dated 09-10-2023: To consider the revised curriculum and Syllabus of first year B.Tech., Dual Degree (B.Tech. and M. Tech.), Integrated M. Sc.

UGAC and PGAC Resolutions:

*The curriculum is approved by the Chairman, Senate following the recommendations made by the UGAC members on 19/08/2023 and implemented from the AY2023-24. Departments associated in teaching the first year courses were requested to prepare the revised syllabus. Revised curriculum and syllabus is presented in **Annexure III of Annexure 71.5.2.***

Item No. 11 of UGAC and PGAC meeting dated 09-10-2023: To consider the Modalities to be followed for the students in idle semester having backlog subjects - a) Due to shortfall in attendance and b) In sessional / laboratory subjects.

UGAC and PGAC Resolutions:

- *Students having backlog in theory subject(s) on account of attendance defaulter / in sessional / laboratory subjects, need to study the subject from the start of the semester. Evaluations of her/his performance on all three components, CA, MT and ET will be made again by the subject teachers.*
- *The students presently in an idle semester with backlog in theory due to shortfall in attendance / sessional / laboratory subjects may be allowed to attend the regular theory and sessional classes for a maximum of two theory subjects along with the backlog in sessional / laboratory subject(s).*

Item No. 9 of UGAC and PGAC dated 11-12-2023: To consider Class timing, mode of examinations, content delivery of students going for final semester internships.



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

UGAC and PGAC Resolutions: Students going for final semester internships will join classes online, appear in Mid Term and End Semester Examinations off-line at the NIT Durgapur Campus as per the schedule mentioned in Academic Calendar 2023-24. For this purpose, final both classes and examinations of final semester UG students may be conducted on weekends.

The Senate is requested to consider and approve

- (a) Item No. 9 of UGAC meeting dated 21-08-2023,
- (b) Item No. 9 of UGAC meeting dated 09-10-2023,
- (c) Item No. 11 of UGAC and PGAC meeting dated 09-10-2023,
- (d) Item No. 9 of UGAC and PGAC dated 11-12-2023.

Decision of the Senate:

Item No. 71.6	To consider the resolutions of RAC meetings.
--------------------------------	---

The Senate may consider the resolutions of the RAC meeting held on 14.09.2023, and 08.12.2023 (**Annexures 71.6.1, and 71.6.2**).

RAC dated 14.09.2023 and 08.12.2023 made following recommendations for approval of the Senate:

- (a) 68 nos. (vide Item#2) of PhD scholars for PhD (topic) registration (**Annexure 71.6.3**)
- (b) 14 nos. (vide Item#3) of PhD scholars for the award of PhD degree (**Annexure 71.3.3, sl no. 40 to 53**)
- (c) 05 nos. (vide Item#5&6) of PhD scholars for discontinuation from PhD program (**Annexure 71.6.3**)

Most of the other points of RAC dated 14.09.2023 and 08.12.2023 are of routine matter and RAC has recommended as per the PhD regulations.

However, RAC has referred following points to the Senate for further deliberations. The Senate may consider.

RAC dated 14.09.2023 Agenda Points	Decision of RAC dated 14.09.2023
Item #4: Extension of period of registration (a) Subrata Joarder, Roll No. 14/CA/1505, Reg. No. NITD/PhD/CA/2016/00750 (b) Prakash Kumar, Roll No. 12BT1502, Reg. No. NITD/PhD/BT/2015/00642 (c) Ankita Mukherjee, Roll No. 15CHE1103, Reg. No. NITD/PhD/CH/2016/00808	Not considered by the RAC as this did not fulfill the norms of the PhD regulations as applicable for this case and it is referred to the Senate for further discussion /decision.



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

Item#11: Change of Category from “C” to “B” of Mitali Patra (Roll No.: 22PH1109)	Recommended for approval of the Senate
Item#14: Delivery of registration seminar by Moumita Goswami (Roll No. 19CS1506)	Not recommended by the RAC, referred to Senate for further discussions.
RAC dated 08.12.2023 Agenda Points	Decision of RAC dated 08.12.2023
Item #7: Campus release of Sagorika Chakraborty (Roll No. 22ES1101) joined West Bengal General Service, Barjora RH, Bankura as a Food Safety Officer (Temporary).	The matter of campus release of Sagorika Chakraborty (Roll No. 22ES1101) as recommended by DSC of the students is forwarded to the Senate for further discussion / decision as she has completed the course work requirements but the registration (topic) formalities have not been completed, yet. Also No Dues Certificates from Hostel, Library, and Scholarship Section and NOC from the employer are to be submitted.
Item #10: To consider the matter of advertisement for admission in PhD programme during Even Semester 2023-2024.	The draft of the PhD advertisement (Annexure 71.6.2) is placed to the Senate for approval.
Item #12: To consider the following requests of Suman Kalyan Porel (Roll No. 23EC1501): (i) Conversion of PhD candidature from Category I to Category B, (ii) Waiving off the admission fee for taking fresh Admission.	The requests cannot be considered as the criteria for admission to those categories are different. RAC further recommends that the candidate may apply for taking fresh admission. However, the credits of course work earned by the candidate be carried forward, if the same is recommended by reconstituted DSC after his fresh admission, subject to the approval of the Senate.

The Senate is requested to consider and

- (i) **deliberate on the Item #4 of RAC resolutions dated 14.09.2023**
- (ii) **approve the Item #11 of RAC resolutions dated 14.09.2023**
- (iii) **deliberate on the Item #14 of RAC resolutions dated 14.09.2023**
- (iv) **deliberate on the Item #7 of RAC resolutions dated 08.12.2023**
- (v) **approve the Item #10 of RAC resolutions dated 08.12.2023**
- (vi) **deliberate on the Item #12 of RAC resolutions dated 08.12.2023**

Decision of the Senate:



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

Item No. 71.7	To consider the nomination of two faculty members as members in BoG of the Institute
--------------------------	---

“One professor and one assistant professor or a lecturer of the institute to be nominated by the Senate” as members in the BoG of the Institute as per “The National Institute of Technology Act 2007”, vide Section 11 (f). The term of office of a member shall be two years from the date of nomination as per “The National Institute of Technology Act 2007”, vide Section 12(c). The tenure of the earlier nominated members has been over.

The Senate may consider nomination of two new names as members in the BoG of the Institute with immediate effect.

Decision of the Senate:

Item No. 71.8	To consider revision of Clause Nos. 5 and 7 of the Sponsored Research and Consultancy Cell (SRCC) guidelines.
--------------------------	--

(a) Revision on Clause No. 5.0 of SRCC guidelines – Following revision has been approved by the Chairman, Senate.

Accounting of consultancy is to be carried in the following way:

Head/Item	Consultancy and Testing without Institute facilities (Type I: with Institute Overhead Rate of 30%)	Consultancy and Testing with Institute facilities (Type II: with Institute Overhead Rate of 40%)
Total Money Received	X	X
Service Tax	T	T
Project Amount	$Y=X-T$	$Y=X-T$
Institute Overhead (I)	$I=0.3Y$	$I=0.4Y$
Remaining Amount (R)	$R=0.7Y$	$R=0.6Y$
Total Expenditure (E)	E	E
Balance Amount for Distribution (B)	$B=R-E$	$B=R-E$



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

The distribution of balance amount (B) for both Consultancy projects and routine Testing shall be the following:

Sl. No.	Head/Item	Distribution of Capital B %
1	Director	5
2	Director Office	1
3	Dean / Associate Dean (R&C)	4
4	Dean / Associate Dean (R&C) Office	1.5
5	HOD	3
6	Office of HOD	1
7	Registrar & Office of Registrar	3.5
8	Accounts Department	1
9	PI & His Team	80

(b) Deletion of the Clause No. 7.0 of SRCC guidelines

Existing norms in Clause No. 7.0 for disbursement of Overhead Charges for sponsored Research Project is given below.

Normally overhead charges shall be applicable @20% of the total project cost. Sometime, the overhead charge sanctioned by the sponsoring agency is less than 20%. In that case overhead charges will be acceptable as per sponsoring agency norm.

Sl. No.	Distribution Head	Percentage of Total Amount proposed for 'Project Overhead' of SRP
1	Institute Research Development Fund (IRDF)	40
2	Departmental (in which PI belongs) Development Fund (DDF)	20
3	Professional Development Fund (To be made available to Principal Investigator (PI) (PDF)	30
4	Research Management Fund (RMF)	05
5	Department Promotional Account (DPA)	05

The Senate is requested to consider and

(a) ratify the Clause no. 5.0 of SRCC guidelines

(b) approve the deletion of the Clause no. 7 of SRCC guidelines

Decision of the Senate:



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

Item No.	To consider the revision on norms and forms of utilization of Cumulative Professional Development Allowance (CPDA)
-----------------	---

The norms and forms of utilization of Cumulative Professional Development Allowance (CPDA) has been revised and approved by the Chairman, Senate (see **Annexure 71.9**).

The Senate is requested to consider and ratify the same.

Decision of the Senate:

Item No.	To consider opening of B. Tech. Program in Mathematics and Computing from AY 2024-25.
-----------------	--

Observing the present day need, the Senate may consider opening of *B. Tech. program in Mathematics and Computing* with intake as 60 including EWS from the AY 2024-25. The Department of Computer Science and Engineering may be entrusted to offer this program.

The Senate is requested to consider and approve the same.

Decision of the Senate:

Item No.	To consider opening of M. Tech. Program in AI and Data Science from AY 2024-25.
-----------------	--

The Institute is keen to open a *M. Tech. program in AI and Data Science* with intake as 20 including EWS and offered by the Department of Computer Science and Engineering.

The Senate is requested to consider and approve the same.

Decision of the Senate:



National Institute of Technology Durgapur

71st Meeting of the Senate, Date: December 18, 2023

Agenda Notes

Item No. 71.12	To consider discontinuation of few M. Tech. Programs.
---------------------------------	--

Admission of four M. Tech. programs as mentioned in the table below over the last five years is very low. In order to improve overall student's admission, the Institute is planning to discontinue these programs. However,

Academic Year	M. Tech. Program in							
	Chemical Engg.		Metallurgy and Materials Technology		Advanced Materials Science and Technology		Energy Resources and Sustainable Environmental Engg.	
	Intake	Admitted	Intake	Admitted	Intake	Admitted	Intake	Admitted
2023-24	15	0	16	2	15	0	15	1
2022-23	15	2	20	2	20	2	20	3
2021-22	15	7	20	7	20	5	20	6
2020-21	20	13	20	11	20	6	--	--
2019-20	18	4	18	4	18	5	--	--
Avg. Admission %	31.33		27.66		19.35		18.18	

The Senate may consider discontinuation of the above four M. Tech. Programs from AY2024-25.

Decision of the Senate:

Item No. 71.13	Any other matter with the permission of the chair
---------------------------------	--

Date: 13.12.2023

**Registrar (I/C) & Secretary, Senate
NIT Durgapur**

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

28.8.23

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

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

Sharma
28-8-23

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

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	Present
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.

Signature
28.8.23

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

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

Shakti
28.8.23

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

- (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 ± 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 ± 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

Shah
28.8.23

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

		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

Shah
28.8.23

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

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

28.8.23

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

		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.

Q. Latre
28.8.23

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

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.

28.8.23

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

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

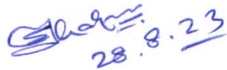
With the permission of Chairman, Senate, Dean (Academic Courses) presented the details of opening a new MSC program on Life Sciences with specialization as mentioned. The Senate was informed that the matter is already approved by the Chairman, Senate and an agreement has already been signed by the Coordinator 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.


28.8.23
**Registrar & Secretary, Senate
NIT Durgapur
Date: 28-08-2023**


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

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

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	Anwasha 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

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

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

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

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/2018/01031	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/2018/01068	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 Synchrophasor Measurements	Dr. S. S. Thakur, Dr. Sumit Banerjee,	13.02.2023

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

Sl. No	Registration No.	Dept.	Name of the Scholar	Title of the Thesis	Name of the Supervisor(s)	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

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

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 Glocalization: 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/2 015/00649	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

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

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 HCI medium by benzothiazole derivatives: structure reactivity correlation study	Dr. D. Sukul	28.06.2023

INTENTIONALLY LEFT IT BLANK



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
Bachelor of Technology Program							
1	18BT8022	18U10507	Bachelor of Technology in	Biotechnology	Satrajit Guha	M	7.11
2	18BT8037	18U10615	Bachelor of Technology in	Biotechnology	Jyoti Ranjan	M	6.71
3	18BT8045	18U10658	Bachelor of Technology in	Biotechnology	Tushar Verma	M	6.53
4	19BT8001	19U10073	Bachelor of Technology in	Biotechnology	Ujjal Saha	M	7.49
5	19BT8002	19U10092	Bachelor of Technology in	Biotechnology	Titas Nath	F	8.68
6	19BT8003	19U10214	Bachelor of Technology in	Biotechnology	Boda Suman	M	7.22
7	19BT8004	19U10227	Bachelor of Technology in	Biotechnology	Rahul Sen	M	8.03
8	19BT8005	19U10247	Bachelor of Technology in	Biotechnology	Chowla Venkata Baby Shalini	F	8.85
9	19BT8006	19U10267	Bachelor of Technology in	Biotechnology	Jit Das	M	7.47
10	19BT8007	19U10279	Bachelor of Technology in	Biotechnology	Maheswar Ghosh	M	8.29
11	19BT8008	19U10292	Bachelor of Technology in	Biotechnology	Subhojit Ghosh	M	7.78
12	19BT8009	19U10305	Bachelor of Technology in	Biotechnology	Muchapothula Manish	M	7.77
13	19BT8010	19U10339	Bachelor of Technology in	Biotechnology	Sachin Dubey	M	8.18
14	19BT8011	19U10438	Bachelor of Technology in	Biotechnology	Nitin Yadav	M	7.70
15	19BT8013	19U10455	Bachelor of Technology in	Biotechnology	Sahil Mantri	M	7.74
16	19BT8014	19U10475	Bachelor of Technology in	Biotechnology	Chandramouli Saha	M	8.26
17	19BT8015	19U10497	Bachelor of Technology in	Biotechnology	Bhukya Renuka	F	7.05
18	19BT8017	19U10534	Bachelor of Technology in	Biotechnology	Prerna Jha	M	8.79
19	19BT8018	19U10542	Bachelor of Technology in	Biotechnology	Dip Jyoti Sardar	F	8.14
20	19BT8019	19U10545	Bachelor of Technology in	Biotechnology	Aditi Sengupta	M	8.44
21	19BT8020	19U10546	Bachelor of Technology in	Biotechnology	Disha Sharma	F	8.04
22	19BT8021	19U10551	Bachelor of Technology in	Biotechnology	Santanu Mahapatra	F	7.10
23	19BT8022	19U10552	Bachelor of Technology in	Biotechnology	Abhishek Sharma	M	7.98
24	19BT8024	19U10571	Bachelor of Technology in	Biotechnology	Avishek Bose	M	8.27
25	19BT8025	19U10584	Bachelor of Technology in	Biotechnology	Ashutosh Kumar Shaw	M	8.03
26	19BT8026	19U10586	Bachelor of Technology in	Biotechnology	Sagnik Pal	M	8.28
27	19BT8027	19U10588	Bachelor of Technology in	Biotechnology	Ritika Singh	M	8.61
28	19BT8028	19U10589	Bachelor of Technology in	Biotechnology	Shishodiya Akash	F	8.68
29	19BT8029	19U10591	Bachelor of Technology in	Biotechnology	Anshu Kumari	M	8.49
30	19BT8030	19U10597	Bachelor of Technology in	Biotechnology	Riya Kaushik	F	8.24
31	19BT8031	19U10619	Bachelor of Technology in	Biotechnology	Rhiti Mitra	F	8.18



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
32	19BT8032	19U10635	Bachelor of Technology in	Biotechnology	Dyuti Mitra	F	8.40
33	19BT8033	19U10638	Bachelor of Technology in	Biotechnology	Anurag Kumar	F	8.52
34	19BT8034	19U10645	Bachelor of Technology in	Biotechnology	Subhrajyoti Biswas	M	7.72
35	19BT8035	19U10646	Bachelor of Technology in	Biotechnology	Nilurouthu Harish	M	7.79
36	19BT8037	19U10657	Bachelor of Technology in	Biotechnology	Raunaq Chakraborty	M	8.83
37	19BT8038	19U10662	Bachelor of Technology in	Biotechnology	Santam Roy Choudhury	M	8.25
38	19BT8039	19U10667	Bachelor of Technology in	Biotechnology	Giriraj Kumawat	M	8.28
39	19BT8040	19U10682	Bachelor of Technology in	Biotechnology	Vikrant Kumar Ranjan	M	8.34
40	19BT8041	19U10715	Bachelor of Technology in	Biotechnology	S Vivekanand	M	7.14
41	19BT8042	19U10716	Bachelor of Technology in	Biotechnology	Panthakani Prasanna Varma	M	6.85
42	19BT8043	19U10718	Bachelor of Technology in	Biotechnology	Akanksha Gautam	F	8.10
43	19BT8044	19U10729	Bachelor of Technology in	Biotechnology	Sachin Kumar Vishwakarma	F	8.02
44	19BT8046	19U10739	Bachelor of Technology in	Biotechnology	Katepalli Ajay Lakshmi Narasimha Rao	M	7.49
45	19BT8047	19U10744	Bachelor of Technology in	Biotechnology	Vennela Boddeti	M	8.33
46	19BT8048	19U10757	Bachelor of Technology in	Biotechnology	Soumyadeep Paul	M	8.01
47	19BT8049	19U10765	Bachelor of Technology in	Biotechnology	Nishish Mishra	F	7.49
48	19BT8050	19U10768	Bachelor of Technology in	Biotechnology	Gugulothu Sai	M	7.39
49	19BT8051	19U10774	Bachelor of Technology in	Biotechnology	Divyam Singh Tomar	M	7.63
50	19BT8052	19U10779	Bachelor of Technology in	Biotechnology	Shreya Das	M	7.22
51	19BT8053	19U10782	Bachelor of Technology in	Biotechnology	Jay Vijay Kedar	M	7.44
52	19BT8054	19U10785	Bachelor of Technology in	Biotechnology	D.Sriram	F	7.74
53	19BT8055	19U10786	Bachelor of Technology in	Biotechnology	M Preethi	M	8.04
54	19BT8056	19U10800	Bachelor of Technology in	Biotechnology	Rathod Shiva Krishna	M	7.37
55	19BT8057	19U10802	Bachelor of Technology in	Biotechnology	Yellanki Niharika	F	8.12
56	19BT8058	19U10803	Bachelor of Technology in	Biotechnology	Edagottu Venkateswara Raju	M	7.94
57	19BT8059	19U10812	Bachelor of Technology in	Biotechnology	Sneha Yadav	F	7.76
58	18BT8023	18U10511	Bachelor of Technology in	Biotechnology	Surabhi Vinay Kumar	M	6.88
59	19CE8001	19U10009	Bachelor of Technology in	Civil Engineering	Shivam Dwivedi	F	8.71
60	19CE8002	19U10016	Bachelor of Technology in	Civil Engineering	Satyam Shorya Jha	M	7.64
61	19CE8003	19U10021	Bachelor of Technology in	Civil Engineering	Sumit Pal	M	7.93
62	19CE8004	19U10041	Bachelor of Technology in	Civil Engineering	Swastik Das	M	7.85
63	19CE8005	19U10091	Bachelor of Technology in	Civil Engineering	Souvik Ghosh	M	8.12



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
64	19CE8006	19U10093	Bachelor of Technology in	Civil Engineering	Ranit Majee	M	8.09
65	19CE8007	19U10108	Bachelor of Technology in	Civil Engineering	Suryadip Mondal	M	7.48
66	19CE8008	19U10164	Bachelor of Technology in	Civil Engineering	Ankush Datta	M	7.97
67	19CE8009	19U10180	Bachelor of Technology in	Civil Engineering	Avinash Priyadarshi	M	9.66
68	19CE8010	19U10198	Bachelor of Technology in	Civil Engineering	Arnab Pal	M	9.01
69	19CE8011	19U10203	Bachelor of Technology in	Civil Engineering	Goutam Yadav	M	7.94
70	19CE8012	19U10239	Bachelor of Technology in	Civil Engineering	Sagnik Datta	M	8.52
71	19CE8013	19U10282	Bachelor of Technology in	Civil Engineering	Karan Kapoor	M	7.36
72	19CE8014	19U10283	Bachelor of Technology in	Civil Engineering	Kumari Swati	M	8.07
73	19CE8015	19U10291	Bachelor of Technology in	Civil Engineering	Manish Kumar Meena	F	7.88
74	19CE8016	19U10298	Bachelor of Technology in	Civil Engineering	Rohit Kumar	M	7.61
75	19CE8017	19U10300	Bachelor of Technology in	Civil Engineering	Rupesh Kumar	M	7.27
76	19CE8018	19U10314	Bachelor of Technology in	Civil Engineering	Pratik Chowdhury	M	8.49
77	19CE8019	19U10319	Bachelor of Technology in	Civil Engineering	Md Sheesh Amber	M	8.03
78	19CE8020	19U10334	Bachelor of Technology in	Civil Engineering	Chilakabathini Honey Nova	M	7.31
79	19CE8021	19U10338	Bachelor of Technology in	Civil Engineering	Subodh Kumar Mishra	M	8.03
80	19CE8022	19U10362	Bachelor of Technology in	Civil Engineering	Srikar Reddy Bolla	M	8.45
81	19CE8023	19U10368	Bachelor of Technology in	Civil Engineering	Vishal Bharti	M	7.73
82	19CE8024	19U10371	Bachelor of Technology in	Civil Engineering	Yash Kumar Pandey	M	8.52
83	19CE8025	19U10379	Bachelor of Technology in	Civil Engineering	Srijan Sen	M	7.98
84	19CE8026	19U10390	Bachelor of Technology in	Civil Engineering	Aadity Tiwari	M	7.60
85	19CE8027	19U10395	Bachelor of Technology in	Civil Engineering	Akanksha Kumari	M	8.12
86	19CE8028	19U10409	Bachelor of Technology in	Civil Engineering	Disanta Chanda	F	8.87
87	19CE8029	19U10412	Bachelor of Technology in	Civil Engineering	Vishal Kumar	M	7.24
88	19CE8030	19U10426	Bachelor of Technology in	Civil Engineering	Saurabh Yadav	M	8.19
89	19CE8031	19U10432	Bachelor of Technology in	Civil Engineering	Rahul Bera	M	7.25
90	19CE8033	19U10459	Bachelor of Technology in	Civil Engineering	Nelapudi Venkata Phaneendra	M	7.36
91	19CE8034	19U10464	Bachelor of Technology in	Civil Engineering	Gandham Shanmukhi Valli Devi	M	8.29
92	19CE8035	19U10472	Bachelor of Technology in	Civil Engineering	Adari Sai Likhith	F	8.20
93	19CE8036	19U10491	Bachelor of Technology in	Civil Engineering	Abhishek Srivastav	M	7.51
94	19CE8037	19U10511	Bachelor of Technology in	Civil Engineering	Rimil Saren	M	6.20
95	19CE8038	19U10519	Bachelor of Technology in	Civil Engineering	Harsh Jha	M	7.77



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
96	19CE8039	19U10520	Bachelor of Technology in	Civil Engineering	Ruchika Gupta	M	8.38
97	19CE8040	19U10521	Bachelor of Technology in	Civil Engineering	Kingshuk Mukherjee	F	9.09
98	19CE8041	19U10547	Bachelor of Technology in	Civil Engineering	Shirsendu Koner	M	8.31
99	19CE8042	19U10564	Bachelor of Technology in	Civil Engineering	Priyajeet Acharjee	M	7.83
100	19CE8043	19U10567	Bachelor of Technology in	Civil Engineering	Meenakshi Harikumar	M	9.19
101	19CE8044	19U10569	Bachelor of Technology in	Civil Engineering	Koena Saha	F	8.11
102	19CE8045	19U10572	Bachelor of Technology in	Civil Engineering	Reshwanth Annadasu	F	6.98
103	19CE8046	19U10581	Bachelor of Technology in	Civil Engineering	Srimantini Bhattacharya	M	7.89
104	19CE8047	19U10598	Bachelor of Technology in	Civil Engineering	Sanjay Banerjee	F	8.17
105	19CE8048	19U10610	Bachelor of Technology in	Civil Engineering	Deepanjan Bhattacharyya	M	7.54
106	19CE8049	19U10618	Bachelor of Technology in	Civil Engineering	Anshu Kumari	M	7.84
107	19CE8050	19U10629	Bachelor of Technology in	Civil Engineering	Manshi Kumari	F	8.05
108	19CE8051	19U10634	Bachelor of Technology in	Civil Engineering	Anand Kumar Sahu	F	7.74
109	19CE8054	19U10669	Bachelor of Technology in	Civil Engineering	Medarametla Pavan Kumar	M	7.66
110	19CE8055	19U10670	Bachelor of Technology in	Civil Engineering	Palli Uday Kumar	M	6.72
111	19CE8056	19U10679	Bachelor of Technology in	Civil Engineering	Ajay Pooniya	M	7.24
112	19CE8057	19U10683	Bachelor of Technology in	Civil Engineering	Bandi Vahini	M	8.20
113	19CE8058	19U10707	Bachelor of Technology in	Civil Engineering	Atipamula Venkata Sai Karthik	F	7.45
114	19CE8059	19U10711	Bachelor of Technology in	Civil Engineering	Animesh Ghosh	M	7.59
115	19CE8060	19U10717	Bachelor of Technology in	Civil Engineering	Banti	M	6.99
116	19CE8061	19U10727	Bachelor of Technology in	Civil Engineering	Nayan Biswas	M	7.11
117	19CE8063	19U10752	Bachelor of Technology in	Civil Engineering	Abhishek Rout	M	7.97
118	19CE8064	19U10756	Bachelor of Technology in	Civil Engineering	Sri Kanth Koppa	M	6.95
119	19CE8065	19U10764	Bachelor of Technology in	Civil Engineering	Sayan Mandal	M	7.43
120	19CE8066	19U10766	Bachelor of Technology in	Civil Engineering	Oliva Majumder	M	7.41
121	19CE8067	19U10793	Bachelor of Technology in	Civil Engineering	Ankur Kumar	F	7.38
122	19CE8068	19U10814	Bachelor of Technology in	Civil Engineering	Shivam Yadav	M	7.27
123	19CH8001	19U10006	Bachelor of Technology in	Chemical Engineering	Rupam Nayek	M	7.51
124	19CH8002	19U10017	Bachelor of Technology in	Chemical Engineering	Rajneesh Anand	M	8.30
125	19CH8003	19U10024	Bachelor of Technology in	Chemical Engineering	Soumalya Ghosh	M	7.38
126	19CH8004	19U10034	Bachelor of Technology in	Chemical Engineering	Ranit Roy	M	8.60
127	19CH8005	19U10046	Bachelor of Technology in	Chemical Engineering	Rohit Ray	M	9.32



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
128	19CH8006	19U10070	Bachelor of Technology in	Chemical Engineering	Gulshan Kumar	M	7.87
129	19CH8007	19U10076	Bachelor of Technology in	Chemical Engineering	Rishita Modak	M	8.81
130	19CH8008	19U10087	Bachelor of Technology in	Chemical Engineering	Saumadeep Sen	F	8.10
131	19CH8009	19U10090	Bachelor of Technology in	Chemical Engineering	Ritabrata Ganguly	M	8.38
132	19CH8010	19U10112	Bachelor of Technology in	Chemical Engineering	Anurag Srivastava	M	8.77
133	19CH8011	19U10115	Bachelor of Technology in	Chemical Engineering	Jishnu Das	M	8.69
134	19CH8012	19U10124	Bachelor of Technology in	Chemical Engineering	Sebontika Bose	M	9.06
135	19CH8013	19U10143	Bachelor of Technology in	Chemical Engineering	Divas Gupta	F	7.83
136	19CH8014	19U10169	Bachelor of Technology in	Chemical Engineering	Arka Ghosh	M	8.41
137	19CH8015	19U10185	Bachelor of Technology in	Chemical Engineering	Pinninti Sai Rakesh	M	7.35
138	19CH8016	19U10197	Bachelor of Technology in	Chemical Engineering	Sk. Sahir Iqbal	M	7.76
139	19CH8017	19U10210	Bachelor of Technology in	Chemical Engineering	Sunny Kumar	M	8.01
140	19CH8018	19U10249	Bachelor of Technology in	Chemical Engineering	Argo Mondal	M	7.30
141	19CH8019	19U10259	Bachelor of Technology in	Chemical Engineering	Sonali Sah	M	7.71
142	19CH8020	19U10265	Bachelor of Technology in	Chemical Engineering	Ayush Singh	F	8.70
143	19CH8021	19U10269	Bachelor of Technology in	Chemical Engineering	Sakhinana Srikar Sai	M	8.16
144	19CH8022	19U10274	Bachelor of Technology in	Chemical Engineering	Rakhal Banerjee	M	9.08
145	19CH8023	19U10285	Bachelor of Technology in	Chemical Engineering	Ishaun Sinha	M	8.32
146	19CH8024	19U10288	Bachelor of Technology in	Chemical Engineering	Aadira Nair	M	8.26
147	19CH8025	19U10304	Bachelor of Technology in	Chemical Engineering	Mainak Debnath	F	8.32
148	19CH8026	19U10310	Bachelor of Technology in	Chemical Engineering	Nur Alam	M	8.35
149	19CH8027	19U10331	Bachelor of Technology in	Chemical Engineering	Utkarsh Tiwari	M	8.63
150	19CH8028	19U10353	Bachelor of Technology in	Chemical Engineering	Abrar Ul Haque	M	7.82
151	19CH8029	19U10361	Bachelor of Technology in	Chemical Engineering	Ramteke Vineet Rajendra	M	7.97
152	19CH8030	19U10374	Bachelor of Technology in	Chemical Engineering	Ayush Chaudhary	M	7.92
153	19CH8032	19U10397	Bachelor of Technology in	Chemical Engineering	Saurav Kumar	M	7.98
154	19CH8033	19U10458	Bachelor of Technology in	Chemical Engineering	Adarsh Pandey	M	7.37
155	19CH8034	19U10470	Bachelor of Technology in	Chemical Engineering	Arghadip Nandi	M	7.99
156	19CH8035	19U10486	Bachelor of Technology in	Chemical Engineering	Jatavath Krishna Prasad	M	7.20
157	19CH8036	19U10530	Bachelor of Technology in	Chemical Engineering	Rishika Saha	M	7.98
158	19CH8037	19U10535	Bachelor of Technology in	Chemical Engineering	Kriti Pramanik	F	7.95
159	19CH8038	19U10543	Bachelor of Technology in	Chemical Engineering	Saheb Garain	F	8.03



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
160	19CH8039	19U10548	Bachelor of Technology in	Chemical Engineering	Mounam Maiti	M	9.09
161	19CH8040	19U10554	Bachelor of Technology in	Chemical Engineering	Koushik Khan	M	7.07
162	19CH8041	19U10556	Bachelor of Technology in	Chemical Engineering	Suchismita Pal	M	8.65
163	19CH8042	19U10579	Bachelor of Technology in	Chemical Engineering	Soumyadeep Mukhopadhyay	F	8.15
164	19CH8043	19U10593	Bachelor of Technology in	Chemical Engineering	Aman Shaw	M	8.02
165	19CH8044	19U10600	Bachelor of Technology in	Chemical Engineering	Soumyajeet Mitra	M	8.24
166	19CH8045	19U10605	Bachelor of Technology in	Chemical Engineering	Ankit Jaiswal	M	8.05
167	19CH8046	19U10608	Bachelor of Technology in	Chemical Engineering	Arya Adak	M	7.86
168	19CH8047	19U10613	Bachelor of Technology in	Chemical Engineering	Yash Sinha	M	8.24
169	19CH8048	19U10616	Bachelor of Technology in	Chemical Engineering	Sharvesh Baliya	M	7.08
170	19CH8049	19U10636	Bachelor of Technology in	Chemical Engineering	Sourav Koery	M	7.77
171	19CH8050	19U10641	Bachelor of Technology in	Chemical Engineering	Utsav Pandey	M	8.18
172	19CH8051	19U10642	Bachelor of Technology in	Chemical Engineering	Aman Ali	M	8.06
173	19CH8052	19U10677	Bachelor of Technology in	Chemical Engineering	Rajesh Kumar Sablaniya	M	6.82
174	19CH8053	19U10681	Bachelor of Technology in	Chemical Engineering	Randhi Syamcharan	M	7.23
175	19CH8054	19U10692	Bachelor of Technology in	Chemical Engineering	Jarupla Himabindu	M	7.58
176	19CH8055	19U10701	Bachelor of Technology in	Chemical Engineering	Prashant Kumar	F	7.95
177	19CH8056	19U10713	Bachelor of Technology in	Chemical Engineering	Anshika Sharma	M	7.11
178	19CH8057	19U10720	Bachelor of Technology in	Chemical Engineering	Kartikay Maharshi	F	7.57
179	19CH8058	19U10723	Bachelor of Technology in	Chemical Engineering	Rudru Pavani Mounika	M	8.74
180	19CH8059	19U10725	Bachelor of Technology in	Chemical Engineering	Arbaj Khan	F	7.96
181	19CH8060	19U10750	Bachelor of Technology in	Chemical Engineering	Anand Nagar	M	8.08
182	19CH8061	19U10754	Bachelor of Technology in	Chemical Engineering	Rishabh Yadav	M	8.94
183	19CH8062	19U10758	Bachelor of Technology in	Chemical Engineering	Srikanth Guguloth	M	7.13
184	19CH8063	19U10771	Bachelor of Technology in	Chemical Engineering	Bhukya Rakesh	M	7.09
185	19CH8064	19U10783	Bachelor of Technology in	Chemical Engineering	Anuj Singh	M	8.54
186	19CH8065	19U10795	Bachelor of Technology in	Chemical Engineering	Rajshri Jhariya	M	7.17
187	19CH8066	19U10808	Bachelor of Technology in	Chemical Engineering	Chetan Sheoran	F	7.69
188	19CH8067	19U10809	Bachelor of Technology in	Chemical Engineering	Sammanita Singh	M	8.05
189	18CH8059	18U10699	Bachelor of Technology in	Chemical Engineering	Majji Sai Sanjay	F	6.46
190	18CS8006	18U10011	Bachelor of Technology in	Computer Science and Engineering	Prajata Roy	M	7.95
191	18CS8034	18U10092	Bachelor of Technology in	Computer Science and Engineering	Utsab Samanta	M	7.02



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
192	18CS8043	18U10152	Bachelor of Technology in	Computer Science and Engineering	Amgoth Sri Kanth	M	7.13
193	18CS8095	18U10369	Bachelor of Technology in	Computer Science and Engineering	Hrishikesh Roy	M	6.97
194	19CS8001	19U10003	Bachelor of Technology in	Computer Science and Engineering	Ashutosh Thakur	M	8.78
195	19CS8002	19U10005	Bachelor of Technology in	Computer Science and Engineering	Subhadeep Dutta	M	8.93
196	19CS8003	19U10008	Bachelor of Technology in	Computer Science and Engineering	Supratim Mondal	M	7.42
197	19CS8005	19U10020	Bachelor of Technology in	Computer Science and Engineering	Gulshan Kumar Choudhary	M	9.05
198	19CS8006	19U10022	Bachelor of Technology in	Computer Science and Engineering	Mahadev Karmakar	M	8.43
199	19CS8007	19U10025	Bachelor of Technology in	Computer Science and Engineering	Anupam Das	M	8.81
200	19CS8008	19U10027	Bachelor of Technology in	Computer Science and Engineering	Rishav Raj Kumar	M	9.12
201	19CS8009	19U10029	Bachelor of Technology in	Computer Science and Engineering	Akash Mukherjee	M	7.52
202	19CS8010	19U10032	Bachelor of Technology in	Computer Science and Engineering	Akash Majhi	M	8.36
203	19CS8011	19U10038	Bachelor of Technology in	Computer Science and Engineering	Rohit Saha	M	8.52
204	19CS8012	19U10040	Bachelor of Technology in	Computer Science and Engineering	Arnab Sinhamahapatra	M	8.72
205	19CS8013	19U10042	Bachelor of Technology in	Computer Science and Engineering	Nikhil Kumar	M	9.14
206	19CS8014	19U10043	Bachelor of Technology in	Computer Science and Engineering	Abantika Basu	M	9.51
207	19CS8015	19U10048	Bachelor of Technology in	Computer Science and Engineering	Asim Sen	F	7.98
208	19CS8017	19U10053	Bachelor of Technology in	Computer Science and Engineering	Ajay Paswan	M	8.54
209	19CS8019	19U10062	Bachelor of Technology in	Computer Science and Engineering	Arpan Kesh	M	9.34
210	19CS8020	19U10064	Bachelor of Technology in	Computer Science and Engineering	Aniket Roy	M	8.00
211	19CS8021	19U10066	Bachelor of Technology in	Computer Science and Engineering	Sangram Ray	M	8.43
212	19CS8022	19U10068	Bachelor of Technology in	Computer Science and Engineering	Saptarshi Shome	M	8.95
213	19CS8023	19U10069	Bachelor of Technology in	Computer Science and Engineering	Sushanta Saren	M	8.47
214	19CS8024	19U10071	Bachelor of Technology in	Computer Science and Engineering	Manish Raj Baraik	M	8.49
215	19CS8025	19U10072	Bachelor of Technology in	Computer Science and Engineering	Ankit Vishwakarma	M	8.92
216	19CS8026	19U10075	Bachelor of Technology in	Computer Science and Engineering	Ashish Kumar	M	8.95
217	19CS8027	19U10077	Bachelor of Technology in	Computer Science and Engineering	Tanmoy Gorai	M	8.53
218	19CS8028	19U10080	Bachelor of Technology in	Computer Science and Engineering	Arka Seth	M	9.22
219	19CS8029	19U10082	Bachelor of Technology in	Computer Science and Engineering	Sankita Mandal	M	8.63
220	19CS8030	19U10083	Bachelor of Technology in	Computer Science and Engineering	Shadab Ahmad	F	9.06
221	19CS8031	19U10089	Bachelor of Technology in	Computer Science and Engineering	Mettapalli Sai Vamsi	M	7.32
222	19CS8032	19U10094	Bachelor of Technology in	Computer Science and Engineering	Karam Kumar Sahoo	M	8.68
223	19CS8033	19U10095	Bachelor of Technology in	Computer Science and Engineering	Nalla Yoshita	M	8.91



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
224	19CS8034	19U10102	Bachelor of Technology in	Computer Science and Engineering	Turpati Sai Balaji	F	8.82
225	19CS8035	19U10103	Bachelor of Technology in	Computer Science and Engineering	Arijit Biswas	M	8.32
226	19CS8036	19U10105	Bachelor of Technology in	Computer Science and Engineering	Kanumuri G S Rishit Varma	M	7.55
227	19CS8037	19U10120	Bachelor of Technology in	Computer Science and Engineering	Abha Jha	M	9.72
228	19CS8038	19U10121	Bachelor of Technology in	Computer Science and Engineering	Vipul Dev Hembrom	F	7.86
229	19CS8039	19U10122	Bachelor of Technology in	Computer Science and Engineering	Satyam Vivek	M	8.51
230	19CS8040	19U10125	Bachelor of Technology in	Computer Science and Engineering	Ridam Hazra	M	9.14
231	19CS8041	19U10128	Bachelor of Technology in	Computer Science and Engineering	Ayush Kumar Gupta	M	8.80
232	19CS8042	19U10130	Bachelor of Technology in	Computer Science and Engineering	Suryatapa Sau	M	6.79
233	19CS8043	19U10131	Bachelor of Technology in	Computer Science and Engineering	Poonam Kisku	F	7.87
234	19CS8044	19U10132	Bachelor of Technology in	Computer Science and Engineering	Archisman Ghosh	F	8.99
235	19CS8045	19U10135	Bachelor of Technology in	Computer Science and Engineering	Ankita Singh	M	8.72
236	19CS8046	19U10136	Bachelor of Technology in	Computer Science and Engineering	Aishik Bhattacharya	F	8.91
237	19CS8047	19U10139	Bachelor of Technology in	Computer Science and Engineering	Amit Kumar	M	8.43
238	19CS8048	19U10142	Bachelor of Technology in	Computer Science and Engineering	Saptarshi Sarkar	M	8.72
239	19CS8049	19U10145	Bachelor of Technology in	Computer Science and Engineering	Satyam Yadav	M	7.97
240	19CS8050	19U10147	Bachelor of Technology in	Computer Science and Engineering	Rupam Das	M	7.70
241	19CS8051	19U10151	Bachelor of Technology in	Computer Science and Engineering	Barnali Ghosh	M	9.24
242	19CS8052	19U10154	Bachelor of Technology in	Computer Science and Engineering	Souparno Paul	F	9.06
243	19CS8053	19U10157	Bachelor of Technology in	Computer Science and Engineering	Subhash Kumar	M	7.85
244	19CS8054	19U10159	Bachelor of Technology in	Computer Science and Engineering	Mallela Venkata Subrahmanyaviswa Chaitanya	M	8.79
245	19CS8055	19U10162	Bachelor of Technology in	Computer Science and Engineering	Sanipalli Renuka	M	9.33
246	19CS8056	19U10166	Bachelor of Technology in	Computer Science and Engineering	Jyoti Yadav	F	8.89
247	19CS8057	19U10170	Bachelor of Technology in	Computer Science and Engineering	Arunava Saha	F	8.83
248	19CS8058	19U10171	Bachelor of Technology in	Computer Science and Engineering	Borra Daivaleela	M	7.88
249	19CS8059	19U10172	Bachelor of Technology in	Computer Science and Engineering	Deepto Ghanti	F	8.55
250	19CS8060	19U10173	Bachelor of Technology in	Computer Science and Engineering	Sudipan Datta	M	7.67
251	19CS8061	19U10175	Bachelor of Technology in	Computer Science and Engineering	Anwer Sayeed	M	8.49
252	19CS8062	19U10182	Bachelor of Technology in	Computer Science and Engineering	Sougata Majumder	M	7.88
253	19CS8064	19U10193	Bachelor of Technology in	Computer Science and Engineering	Priety Das	M	8.31
254	19CS8065	19U10195	Bachelor of Technology in	Computer Science and Engineering	Chidurala Hari Charan	F	8.08
255	19CS8067	19U10199	Bachelor of Technology in	Computer Science and Engineering	Kshitij Shrivastava	M	8.93



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
256	19CS8068	19U10205	Bachelor of Technology in	Computer Science and Engineering	Uddagiri Sai Venkat	M	8.54
257	19CS8069	19U10212	Bachelor of Technology in	Computer Science and Engineering	Sagar Agarwal	M	9.18
258	19CS8070	19U10213	Bachelor of Technology in	Computer Science and Engineering	Sohit Kumar Singh	M	8.79
259	19CS8071	19U10217	Bachelor of Technology in	Computer Science and Engineering	Uzzal Saha	M	7.92
260	19CS8072	19U10221	Bachelor of Technology in	Computer Science and Engineering	Shashwati Chakraborty Shyama	M	7.34
261	19CS8073	19U10226	Bachelor of Technology in	Computer Science and Engineering	Arvind Sahu	F	7.61
262	19CS8074	19U10228	Bachelor of Technology in	Computer Science and Engineering	Murtaza Mustafa Khumusi	M	9.16
263	19CS8075	19U10231	Bachelor of Technology in	Computer Science and Engineering	Ankit Maskara	M	8.73
264	19CS8077	19U10233	Bachelor of Technology in	Computer Science and Engineering	Vedang Pancholi	M	9.07
265	19CS8078	19U10234	Bachelor of Technology in	Computer Science and Engineering	Arnab Mukherjee	M	8.49
266	19CS8079	19U10235	Bachelor of Technology in	Computer Science and Engineering	Domavarapu Rahul	M	7.21
267	19CS8080	19U10242	Bachelor of Technology in	Computer Science and Engineering	Anurag Mondal	M	8.89
268	19CS8081	19U10251	Bachelor of Technology in	Computer Science and Engineering	Debanjan Banerjee	M	8.36
269	19CS8082	19U10261	Bachelor of Technology in	Computer Science and Engineering	Aman Kumar	M	8.33
270	19CS8083	19U10264	Bachelor of Technology in	Computer Science and Engineering	Subhadip Rudra	M	8.41
271	19CS8085	19U10273	Bachelor of Technology in	Computer Science and Engineering	Aditya Gupta	M	8.66
272	19CS8086	19U10275	Bachelor of Technology in	Computer Science and Engineering	Parth Vyas	M	8.78
273	19CS8087	19U10276	Bachelor of Technology in	Computer Science and Engineering	V Rohan Rao	M	8.99
274	19CS8088	19U10278	Bachelor of Technology in	Computer Science and Engineering	Athawale Gaurav Mahendra	M	8.33
275	19CS8089	19U10293	Bachelor of Technology in	Computer Science and Engineering	Ishan Dutta	M	8.29
276	19CS8090	19U10294	Bachelor of Technology in	Computer Science and Engineering	Gulla Pramila Ratna Kumari	M	7.91
277	19CS8091	19U10301	Bachelor of Technology in	Computer Science and Engineering	Vishal Virupan Mangade	F	8.28
278	19CS8092	19U10302	Bachelor of Technology in	Computer Science and Engineering	Awanish Kumar	M	7.91
279	19CS8093	19U10308	Bachelor of Technology in	Computer Science and Engineering	Malla Sai Charan	M	8.08
280	19CS8094	19U10320	Bachelor of Technology in	Computer Science and Engineering	Aquib Zaman	M	9.26
281	19CS8095	19U10321	Bachelor of Technology in	Computer Science and Engineering	Voruganti Gayatri Deepshikha	M	9.34
282	19CS8096	19U10325	Bachelor of Technology in	Computer Science and Engineering	Madhul Raj	F	8.30
283	19CS8097	19U10332	Bachelor of Technology in	Computer Science and Engineering	Mahankali Bhargavi	M	8.60
284	19CS8098	19U10341	Bachelor of Technology in	Computer Science and Engineering	Harsh Sodhani	F	8.87
285	19CS8100	19U10348	Bachelor of Technology in	Computer Science and Engineering	Vipin Bohra	M	9.00
286	19CS8101	19U10351	Bachelor of Technology in	Computer Science and Engineering	Abdul Alim	M	8.35
287	19CS8102	19U10363	Bachelor of Technology in	Computer Science and Engineering	Birlangi Tarun Kumar	M	8.36



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
288	19CS8103	19U10364	Bachelor of Technology in	Computer Science and Engineering	Yogesh Kumar Jha	M	8.40
289	19CS8104	19U10365	Bachelor of Technology in	Computer Science and Engineering	Mohammad Vasi	M	8.98
290	19CS8105	19U10366	Bachelor of Technology in	Computer Science and Engineering	Malleswarapu Chandra Sekhar	M	7.56
291	19CS8106	19U10369	Bachelor of Technology in	Computer Science and Engineering	Ankita Mandal	M	7.95
292	19CS8107	19U10372	Bachelor of Technology in	Computer Science and Engineering	Sankhadeep Ghosh	F	8.52
293	19CS8108	19U10376	Bachelor of Technology in	Computer Science and Engineering	Tanu Priya	M	8.74
294	19CS8109	19U10378	Bachelor of Technology in	Computer Science and Engineering	Nirvik Agarwal	F	9.44
295	19CS8110	19U10382	Bachelor of Technology in	Computer Science and Engineering	Arindam Paria	M	7.61
296	19CS8111	19U10383	Bachelor of Technology in	Computer Science and Engineering	Maddu Amar Sri Lakshmi Prasanna Trinath	M	8.86
297	19CS8112	19U10384	Bachelor of Technology in	Computer Science and Engineering	Sapparapu Bala Gangadhar	M	8.09
298	19CS8113	19U10386	Bachelor of Technology in	Computer Science and Engineering	Vikas Kumar	M	7.44
299	19CS8114	19U10391	Bachelor of Technology in	Computer Science and Engineering	Syed Mubashir Iftekhar	M	8.35
300	19CS8115	19U10392	Bachelor of Technology in	Computer Science and Engineering	Harsh Bhushan Gupta	M	8.33
301	19CS8116	19U10393	Bachelor of Technology in	Computer Science and Engineering	Rishu Ranjan Singh	M	8.83
302	19CS8117	19U10399	Bachelor of Technology in	Computer Science and Engineering	Koppineedi Dileep Sanjeev	M	7.08
303	19CS8118	19U10403	Bachelor of Technology in	Computer Science and Engineering	Saurav Kumar Roy	M	8.46
304	19CS8119	19U10407	Bachelor of Technology in	Computer Science and Engineering	Ratnaparkhi Onkar Laxmikant	M	8.75
305	19CS8120	19U10408	Bachelor of Technology in	Computer Science and Engineering	Deepak Kumar	M	8.57
306	19CS8121	19U10410	Bachelor of Technology in	Computer Science and Engineering	Arnab Bhakta	M	8.50
307	19CS8122	19U10418	Bachelor of Technology in	Computer Science and Engineering	Swarnabh Paul	M	9.32
308	19CS8123	19U10419	Bachelor of Technology in	Computer Science and Engineering	Neelapu Asha Rishitha	M	9.04
309	19CS8124	19U10421	Bachelor of Technology in	Computer Science and Engineering	Kancharla Sashidhar Chowdary	F	8.87
310	19CS8125	19U10424	Bachelor of Technology in	Computer Science and Engineering	Asif Hassan	M	8.71
311	19CS8126	19U10434	Bachelor of Technology in	Computer Science and Engineering	Ram Sharma	M	8.41
312	19CS8127	19U10441	Bachelor of Technology in	Computer Science and Engineering	Bhukya Rahul Naik	M	7.82
313	19CS8128	19U10442	Bachelor of Technology in	Computer Science and Engineering	Sabavath Dinesh	M	7.66
314	19CS8129	19U10443	Bachelor of Technology in	Computer Science and Engineering	Mandapati Amoolya	M	8.57
315	19CS8130	19U10444	Bachelor of Technology in	Computer Science and Engineering	Mohammed Ubaid Khan	F	8.70
316	19CS8131	19U10446	Bachelor of Technology in	Computer Science and Engineering	Praveen Kumar Ravindran Sibanirani	M	8.20
317	19CS8132	19U10448	Bachelor of Technology in	Computer Science and Engineering	Abhishek Basu	M	8.46
318	19CS8133	19U10449	Bachelor of Technology in	Computer Science and Engineering	Sarthak Joshi	M	7.95
319	19CS8134	19U10450	Bachelor of Technology in	Computer Science and Engineering	Prakhar Srivastava	M	7.94



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
320	19CS8135	19U10451	Bachelor of Technology in	Computer Science and Engineering	Sinjan Chakrabarty	M	7.92
321	19CS8136	19U10452	Bachelor of Technology in	Computer Science and Engineering	Deva Venkata Sai Rithish Punna	M	8.19
322	19CS8137	19U10465	Bachelor of Technology in	Computer Science and Engineering	Isha Agarwal	M	8.86
323	19CS8138	19U10466	Bachelor of Technology in	Computer Science and Engineering	Bishwajit Ghosh	F	8.67
324	19CS8139	19U10467	Bachelor of Technology in	Computer Science and Engineering	Sangam Kumar	M	9.06
325	19CS8140	19U10468	Bachelor of Technology in	Computer Science and Engineering	Allu Kumara Sai Subrahmanyam	M	8.16
326	19CS8141	19U10481	Bachelor of Technology in	Computer Science and Engineering	Kuldeep Gautam	M	7.64
327	19CS8142	19U10482	Bachelor of Technology in	Computer Science and Engineering	Ananya Biswas	M	7.60
328	19CS8143	19U10485	Bachelor of Technology in	Computer Science and Engineering	Anwasha Dan	F	9.15
329	19CS8144	19U10489	Bachelor of Technology in	Computer Science and Engineering	Suman Kumar Sahu	F	8.28
330	19CS8145	19U10495	Bachelor of Technology in	Computer Science and Engineering	Aditi Gedam	M	7.75
331	19CS8146	19U10496	Bachelor of Technology in	Computer Science and Engineering	Ravi Kumar Gupta	F	8.50
332	19CS8147	19U10503	Bachelor of Technology in	Computer Science and Engineering	Shaik Rahen	M	7.72
333	19CS8148	19U10508	Bachelor of Technology in	Computer Science and Engineering	Kankan Paramanik	M	8.69
334	19CS8149	19U10513	Bachelor of Technology in	Computer Science and Engineering	Tilakraj Jayaprakash Narayanan	M	7.79
335	19CS8151	19U10529	Bachelor of Technology in	Computer Science and Engineering	Sakshi	M	7.65
336	19CS8152	19U10533	Bachelor of Technology in	Computer Science and Engineering	Pranit Pandey	F	8.52
337	19CS8153	19U10562	Bachelor of Technology in	Computer Science and Engineering	Shaik Nannu Abdul Hafiz	M	7.51
338	19CS8154	19U10568	Bachelor of Technology in	Computer Science and Engineering	Shashwat Gupta	M	8.56
339	19CS8155	19U10574	Bachelor of Technology in	Computer Science and Engineering	Bonala Sai Varshith Reddy	M	8.20
340	19CS8156	19U10576	Bachelor of Technology in	Computer Science and Engineering	Sudev Dhali	M	7.88
341	19CS8157	19U10606	Bachelor of Technology in	Computer Science and Engineering	Pranay Gupta	M	8.44
342	19CS8158	19U10617	Bachelor of Technology in	Computer Science and Engineering	Tangella Ajay Siva Sai	M	8.65
343	19CS8159	19U10622	Bachelor of Technology in	Computer Science and Engineering	Anshika Chaudhary	M	8.72
344	19CS8160	19U10631	Bachelor of Technology in	Computer Science and Engineering	Debolina Chowdhury	F	8.40
345	19CS8161	19U10633	Bachelor of Technology in	Computer Science and Engineering	Riddhadipta Nath	F	8.83
346	19CS8162	19U10637	Bachelor of Technology in	Computer Science and Engineering	Aishika Midder	M	8.04
347	19CS8163	19U10649	Bachelor of Technology in	Computer Science and Engineering	Atul Kumar	F	8.27
348	19CS8164	19U10651	Bachelor of Technology in	Computer Science and Engineering	Menish Kumar Chandra	M	8.61
349	19CS8165	19U10653	Bachelor of Technology in	Computer Science and Engineering	Abhinav Aarya	M	8.67
350	19CS8166	19U10661	Bachelor of Technology in	Computer Science and Engineering	Putha Sri Nandan Reddy	M	9.20
351	19CS8167	19U10671	Bachelor of Technology in	Computer Science and Engineering	Rohith Chekuri	M	7.98



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
352	19CS8168	19U10678	Bachelor of Technology in	Computer Science and Engineering	Nilay Roy	M	7.62
353	19CS8169	19U10690	Bachelor of Technology in	Computer Science and Engineering	Ganduri Sreeshanth	M	8.91
354	19CS8170	19U10732	Bachelor of Technology in	Computer Science and Engineering	Vishal Mahavar	M	8.98
355	19CS8171	19U10737	Bachelor of Technology in	Computer Science and Engineering	Prasann Kumar Gupta	M	9.21
356	19CS8172	19U10738	Bachelor of Technology in	Computer Science and Engineering	Popuri Sree Rama Charan	M	9.23
357	19CS8173	19U10748	Bachelor of Technology in	Computer Science and Engineering	Ranga Saketh	M	8.63
358	19CS8174	19U10753	Bachelor of Technology in	Computer Science and Engineering	Dodda Chandu	M	8.14
359	19CS8175	19U10759	Bachelor of Technology in	Computer Science and Engineering	Jampala Venkata Harika	M	8.57
360	19CS8176	19U10772	Bachelor of Technology in	Computer Science and Engineering	Bokka Loukya Sree	F	7.48
361	19CS8177	19U10778	Bachelor of Technology in	Computer Science and Engineering	Kavisetti Jagadish	F	8.35
362	19CS8178	19U10780	Bachelor of Technology in	Computer Science and Engineering	Vikas Kumar	M	7.13
363	19CS8179	19U10788	Bachelor of Technology in	Computer Science and Engineering	Harshit Surana	M	9.64
364	19CS8180	19U10792	Bachelor of Technology in	Computer Science and Engineering	Nuteti Ushodaya	M	8.92
365	19CS8181	19U10798	Bachelor of Technology in	Computer Science and Engineering	Gudey Sonali	F	7.85
366	19CS8182	19U10804	Bachelor of Technology in	Computer Science and Engineering	Partho Bhowmick	F	7.17
367	19CS8183	19U10806	Bachelor of Technology in	Computer Science and Engineering	Omkar Mohanty	M	8.49
368	19CS8184	19U10807	Bachelor of Technology in	Computer Science and Engineering	Arnav Kumar Banerjee	M	8.38
369	19CS8185	19U10811	Bachelor of Technology in	Computer Science and Engineering	Rohan Kumar Gupta	M	9.24
370	19CS8186	19U10813	Bachelor of Technology in	Computer Science and Engineering	Aman Kumar	M	8.49
371	19CS8187	19U10816	Bachelor of Technology in	Computer Science and Engineering	Abdul Rashif	M	7.74
372	19CS8188	19U10820	Bachelor of Technology in	Computer Science and Engineering	Aaditya Pratap Singh	M	7.48
373	19EC8001	19U10001	Bachelor of Technology in	Electronics and Communication	Sukanya Dutta	M	7.83
374	19EC8002	19U10002	Bachelor of Technology in	Electronics and Communication	Aditi Dhibar	F	8.51
375	19EC8003	19U10014	Bachelor of Technology in	Electronics and Communication	Soumadeep Das	F	7.84
376	19EC8004	19U10018	Bachelor of Technology in	Electronics and Communication	Avik Ghatak	M	8.78
377	19EC8005	19U10031	Bachelor of Technology in	Electronics and Communication	Avishek Shaw	M	8.13
378	19EC8006	19U10036	Bachelor of Technology in	Electronics and Communication	Shouvik Paul	M	8.20
379	19EC8007	19U10059	Bachelor of Technology in	Electronics and Communication	Sayandip Acharjee	M	8.09
380	19EC8008	19U10060	Bachelor of Technology in	Electronics and Communication	Chandrima Roy Chowdhury	M	8.17
381	19EC8009	19U10063	Bachelor of Technology in	Electronics and Communication	Ankita Shaw	F	8.83
382	19EC8010	19U10086	Bachelor of Technology in	Electronics and Communication	Saikat Das	F	7.73
383	19EC8011	19U10106	Bachelor of Technology in	Electronics and Communication	Deepak Kirtania	M	8.22



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
384	19EC8012	19U10107	Bachelor of Technology in	Electronics and Communication	Rohit Kumar Sadhukhan	M	8.93
385	19EC8013	19U10110	Bachelor of Technology in	Electronics and Communication	Arpan Das	M	8.50
386	19EC8014	19U10123	Bachelor of Technology in	Electronics and Communication	Pushpanjali Bharti	M	8.01
387	19EC8015	19U10127	Bachelor of Technology in	Electronics and Communication	Abhishek Paul	F	9.06
388	19EC8016	19U10129	Bachelor of Technology in	Electronics and Communication	Diganta Ray Mandal	M	8.31
389	19EC8017	19U10153	Bachelor of Technology in	Electronics and Communication	Sayak Das	M	9.03
390	19EC8018	19U10165	Bachelor of Technology in	Electronics and Communication	Vaishali Barua	M	8.26
391	19EC8019	19U10168	Bachelor of Technology in	Electronics and Communication	Anshuman Singh	F	8.68
392	19EC8020	19U10174	Bachelor of Technology in	Electronics and Communication	Damireddy Sai Preetham	M	8.82
393	19EC8021	19U10186	Bachelor of Technology in	Electronics and Communication	Tanujit Ghosh	M	8.71
394	19EC8022	19U10187	Bachelor of Technology in	Electronics and Communication	Pemmanaboina Akhileswari	M	8.20
395	19EC8023	19U10188	Bachelor of Technology in	Electronics and Communication	Anjali Kumari	F	9.13
396	19EC8024	19U10200	Bachelor of Technology in	Electronics and Communication	Rajdeep Singh	F	7.99
397	19EC8025	19U10204	Bachelor of Technology in	Electronics and Communication	Hemal Murmu	M	7.61
398	19EC8027	19U10215	Bachelor of Technology in	Electronics and Communication	Shreya Rai	M	8.42
399	19EC8028	19U10220	Bachelor of Technology in	Electronics and Communication	Aranya Hazra	F	7.80
400	19EC8029	19U10222	Bachelor of Technology in	Electronics and Communication	Kandyana Dharani	F	8.44
401	19EC8030	19U10238	Bachelor of Technology in	Electronics and Communication	Tejaswani Agrawal	F	8.97
402	19EC8031	19U10243	Bachelor of Technology in	Electronics and Communication	Gurram Akanksha	F	8.19
403	19EC8032	19U10246	Bachelor of Technology in	Electronics and Communication	Nazeer Shaik	F	8.03
404	19EC8033	19U10260	Bachelor of Technology in	Electronics and Communication	Avishek Kumar Mahato	M	7.64
405	19EC8034	19U10272	Bachelor of Technology in	Electronics and Communication	Ankush Mondal	M	8.18
406	19EC8035	19U10284	Bachelor of Technology in	Electronics and Communication	Joydeep Das	M	8.28
407	19EC8036	19U10306	Bachelor of Technology in	Electronics and Communication	Tanushree Bhattacharya	M	8.51
408	19EC8037	19U10317	Bachelor of Technology in	Electronics and Communication	Ayush Sharma	F	8.30
409	19EC8038	19U10329	Bachelor of Technology in	Electronics and Communication	Banoth Prabhat Rathod	M	8.09
410	19EC8039	19U10330	Bachelor of Technology in	Electronics and Communication	Mukesh Barnwal	M	9.26
411	19EC8040	19U10335	Bachelor of Technology in	Electronics and Communication	Pasupuleti Harshitha	M	9.10
412	19EC8041	19U10342	Bachelor of Technology in	Electronics and Communication	Ganivada Sumanth	F	7.81
413	19EC8042	19U10346	Bachelor of Technology in	Electronics and Communication	Donthula Sai Teja	M	8.93
414	19EC8043	19U10350	Bachelor of Technology in	Electronics and Communication	Voleti Naga Venkata Sri Satya Sai Arun	M	9.13
415	19EC8044	19U10352	Bachelor of Technology in	Electronics and Communication	Yeluri Surya Chaitanya	M	8.26



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
416	19EC8045	19U10360	Bachelor of Technology in	Electronics and Communication	Gontla Venkata Sai Krishna Snehith	M	8.57
417	19EC8046	19U10367	Bachelor of Technology in	Electronics and Communication	Pramita Das	M	9.14
418	19EC8047	19U10370	Bachelor of Technology in	Electronics and Communication	Alluri Gowtham	F	8.67
419	19EC8048	19U10375	Bachelor of Technology in	Electronics and Communication	Yash Shah	M	7.89
420	19EC8049	19U10388	Bachelor of Technology in	Electronics and Communication	Leela Prasad Dammalapati	M	8.24
421	19EC8050	19U10389	Bachelor of Technology in	Electronics and Communication	Hemant Jain	M	8.53
422	19EC8051	19U10406	Bachelor of Technology in	Electronics and Communication	Amar Kumar	M	8.58
423	19EC8052	19U10422	Bachelor of Technology in	Electronics and Communication	Manjeet Kumar	M	8.25
424	19EC8053	19U10445	Bachelor of Technology in	Electronics and Communication	Ganneni Dundi Manikanta	M	8.66
425	19EC8054	19U10457	Bachelor of Technology in	Electronics and Communication	Aashish Illa	M	8.37
426	19EC8055	19U10460	Bachelor of Technology in	Electronics and Communication	Kandru Purnasarath	M	8.57
427	19EC8056	19U10462	Bachelor of Technology in	Electronics and Communication	Yogesh Raj	M	8.72
428	19EC8057	19U10463	Bachelor of Technology in	Electronics and Communication	Boodireddy Rohith	M	8.39
429	19EC8058	19U10469	Bachelor of Technology in	Electronics and Communication	Jallipalli Sai Hruthik	M	8.17
430	19EC8059	19U10474	Bachelor of Technology in	Electronics and Communication	Bypureddy Veera Venkata Satyanarayana	M	7.91
431	19EC8060	19U10480	Bachelor of Technology in	Electronics and Communication	Koram Kodanda Pavan Kumar	M	7.66
432	19EC8061	19U10492	Bachelor of Technology in	Electronics and Communication	Kaya Mahima	M	8.94
433	19EC8062	19U10499	Bachelor of Technology in	Electronics and Communication	Tayade Vaibhav Kailas	F	7.47
434	19EC8063	19U10502	Bachelor of Technology in	Electronics and Communication	Gundluri Mohan	M	8.42
435	19EC8064	19U10505	Bachelor of Technology in	Electronics and Communication	Nunavath Kiran Kumar	M	7.60
436	19EC8065	19U10531	Bachelor of Technology in	Electronics and Communication	Rajdeep Mondal	M	8.85
437	19EC8066	19U10580	Bachelor of Technology in	Electronics and Communication	Kshounish Chakraborty	M	8.69
438	19EC8067	19U10583	Bachelor of Technology in	Electronics and Communication	Soumyadeep Das	M	8.07
439	19EC8068	19U10587	Bachelor of Technology in	Electronics and Communication	Srinivas Mithra Kanchumarthi	M	8.30
440	19EC8070	19U10603	Bachelor of Technology in	Electronics and Communication	Yash Maroo	M	8.81
441	19EC8071	19U10609	Bachelor of Technology in	Electronics and Communication	Ayush Tiwari	M	8.72
442	19EC8072	19U10644	Bachelor of Technology in	Electronics and Communication	Kadamanchi Mahesh	M	7.91
443	19EC8073	19U10652	Bachelor of Technology in	Electronics and Communication	Ayush Maurya	M	8.30
444	19EC8074	19U10658	Bachelor of Technology in	Electronics and Communication	Aman Pandey	M	8.44
445	19EC8075	19U10659	Bachelor of Technology in	Electronics and Communication	Anik Kumar Mondal	M	8.66
446	19EC8076	19U10668	Bachelor of Technology in	Electronics and Communication	Kombathula Vinay Kumar	M	7.77
447	19EC8077	19U10673	Bachelor of Technology in	Electronics and Communication	Penumala Rahul	M	7.68



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
448	19EC8078	19U10675	Bachelor of Technology in	Electronics and Communication	Porendla Pavan	M	8.95
449	19EC8079	19U10691	Bachelor of Technology in	Electronics and Communication	Shobhit Pandey	M	9.17
450	19EC8080	19U10699	Bachelor of Technology in	Electronics and Communication	Aditi Jha	M	8.41
451	19EC8081	19U10704	Bachelor of Technology in	Electronics and Communication	Akshat Bhatnagar	F	9.11
452	19EC8082	19U10709	Bachelor of Technology in	Electronics and Communication	Dawa Dhendup Lama	M	7.49
453	19EC8083	19U10712	Bachelor of Technology in	Electronics and Communication	Gandla Sriman Chakri	M	9.18
454	19EC8084	19U10770	Bachelor of Technology in	Electronics and Communication	Devansh Goyal	M	8.67
455	19EC8085	19U10775	Bachelor of Technology in	Electronics and Communication	Siddharth Tripathi	M	8.43
456	19EC8086	19U10790	Bachelor of Technology in	Electronics and Communication	Polimera Pavan Sai Reddy	M	7.96
457	19EC8087	19U10791	Bachelor of Technology in	Electronics and Communication	Prakhar Kumar	M	8.32
458	19EC8088	19U10796	Bachelor of Technology in	Electronics and Communication	Padala Jayaram	M	8.53
459	19EC8089	19U10801	Bachelor of Technology in	Electronics and Communication	Kotha Saiteja	M	7.86
460	19EE8001	19U10004	Bachelor of Technology in	Electrical Engineering	Chitrita Roy	M	7.61
461	19EE8002	19U10007	Bachelor of Technology in	Electrical Engineering	Saishree Mahakud	F	8.04
462	19EE8003	19U10019	Bachelor of Technology in	Electrical Engineering	Deepayan Pal	F	8.90
463	19EE8004	19U10023	Bachelor of Technology in	Electrical Engineering	Anurag Kumar	M	7.85
464	19EE8005	19U10033	Bachelor of Technology in	Electrical Engineering	Gaurav Kumar Yadav	M	8.45
465	19EE8006	19U10035	Bachelor of Technology in	Electrical Engineering	Amitav Bhaskar Saha	M	8.97
466	19EE8007	19U10039	Bachelor of Technology in	Electrical Engineering	Subham Ghosal	M	8.01
467	19EE8008	19U10047	Bachelor of Technology in	Electrical Engineering	Shubhojit Chattopadhyay	M	8.37
468	19EE8009	19U10050	Bachelor of Technology in	Electrical Engineering	Pragya Kumari	M	7.17
469	19EE8010	19U10056	Bachelor of Technology in	Electrical Engineering	Pratik Bhudari	F	8.70
470	19EE8011	19U10096	Bachelor of Technology in	Electrical Engineering	Rahul Kumar	M	9.31
471	19EE8012	19U10097	Bachelor of Technology in	Electrical Engineering	Sadiya Sadaf	M	8.71
472	19EE8013	19U10109	Bachelor of Technology in	Electrical Engineering	Ayush Pratap Singh	F	9.12
473	19EE8014	19U10113	Bachelor of Technology in	Electrical Engineering	Pratyush Ghosh	M	8.20
474	19EE8015	19U10118	Bachelor of Technology in	Electrical Engineering	Lambodhar Tudu	M	8.09
475	19EE8016	19U10133	Bachelor of Technology in	Electrical Engineering	Rishab Dugar	M	8.72
476	19EE8017	19U10137	Bachelor of Technology in	Electrical Engineering	Dip Narayan Saha	M	8.05
477	19EE8018	19U10144	Bachelor of Technology in	Electrical Engineering	Umesh Chandra Das	M	7.49
478	19EE8019	19U10150	Bachelor of Technology in	Electrical Engineering	Jyotishman Chakraborty	M	7.74
479	19EE8020	19U10152	Bachelor of Technology in	Electrical Engineering	Madaka Purna Sai Prasanth	M	9.27



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
480	19EE8021	19U10156	Bachelor of Technology in	Electrical Engineering	Rahul Kumar	M	8.44
481	19EE8022	19U10158	Bachelor of Technology in	Electrical Engineering	Simhadri Sujana	M	8.38
482	19EE8023	19U10160	Bachelor of Technology in	Electrical Engineering	Aryan Kanoujia	F	8.20
483	19EE8024	19U10176	Bachelor of Technology in	Electrical Engineering	Arkopravo Das	M	9.07
484	19EE8025	19U10181	Bachelor of Technology in	Electrical Engineering	Siddharth Rajak	M	8.52
485	19EE8026	19U10183	Bachelor of Technology in	Electrical Engineering	Koppera Nithish Kumar	M	8.43
486	19EE8027	19U10191	Bachelor of Technology in	Electrical Engineering	Ayush Raj	M	7.96
487	19EE8028	19U10194	Bachelor of Technology in	Electrical Engineering	Vikash Kumar	M	7.42
488	19EE8029	19U10202	Bachelor of Technology in	Electrical Engineering	Ankit Kumar Singh	M	8.50
489	19EE8030	19U10207	Bachelor of Technology in	Electrical Engineering	Banothu Sagar	M	7.49
490	19EE8031	19U10211	Bachelor of Technology in	Electrical Engineering	Sophia Minz	M	7.79
491	19EE8032	19U10216	Bachelor of Technology in	Electrical Engineering	Pranto Chatterjee	F	7.11
492	19EE8033	19U10229	Bachelor of Technology in	Electrical Engineering	Allu Sai Charan	M	7.96
493	19EE8034	19U10237	Bachelor of Technology in	Electrical Engineering	Ramesh Singh Sardar	M	6.91
494	19EE8035	19U10240	Bachelor of Technology in	Electrical Engineering	Saikat Mal	M	7.62
495	19EE8038	19U10281	Bachelor of Technology in	Electrical Engineering	Prabhat Kumar Tanti	M	8.32
496	19EE8039	19U10290	Bachelor of Technology in	Electrical Engineering	Kotla Nishkala Reddy	M	8.72
497	19EE8040	19U10296	Bachelor of Technology in	Electrical Engineering	Payel Bose	F	8.73
498	19EE8041	19U10307	Bachelor of Technology in	Electrical Engineering	Vishnu Gupta	F	7.43
499	19EE8042	19U10311	Bachelor of Technology in	Electrical Engineering	Karande Bhojanna	M	7.92
500	19EE8043	19U10327	Bachelor of Technology in	Electrical Engineering	Dainampelly Ruthvik	M	7.85
501	19EE8044	19U10340	Bachelor of Technology in	Electrical Engineering	Gautam Kumar	M	8.96
502	19EE8045	19U10344	Bachelor of Technology in	Electrical Engineering	Akash Debnath	M	8.79
503	19EE8046	19U10357	Bachelor of Technology in	Electrical Engineering	Dharavath Tejaswi	M	7.47
504	19EE8047	19U10358	Bachelor of Technology in	Electrical Engineering	Lohit Agarwalla	F	8.04
505	19EE8048	19U10359	Bachelor of Technology in	Electrical Engineering	Appasani Prem Sai	M	8.20
506	19EE8049	19U10377	Bachelor of Technology in	Electrical Engineering	Subhadip Mandal	M	9.10
507	19EE8050	19U10387	Bachelor of Technology in	Electrical Engineering	Chitrapu Leesa Praisay	M	7.91
508	19EE8052	19U10398	Bachelor of Technology in	Electrical Engineering	Prathamesh Sushil Wankhede	F	8.02
509	19EE8053	19U10414	Bachelor of Technology in	Electrical Engineering	Deboleena Das	M	8.63
510	19EE8054	19U10431	Bachelor of Technology in	Electrical Engineering	Sneha Kumari	F	8.10
511	19EE8055	19U10461	Bachelor of Technology in	Electrical Engineering	Veebhuti Jyotshna	F	7.65



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
512	19EE8056	19U10471	Bachelor of Technology in	Electrical Engineering	Kowluri Sri Sahithi	F	8.96
513	19EE8057	19U10487	Bachelor of Technology in	Electrical Engineering	Potturu Goutham	F	8.22
514	19EE8058	19U10498	Bachelor of Technology in	Electrical Engineering	Tarun Sharma	M	8.22
515	19EE8059	19U10500	Bachelor of Technology in	Electrical Engineering	Kaustuv Kanchan Chattopadhyay	M	8.31
516	19EE8060	19U10522	Bachelor of Technology in	Electrical Engineering	Sachin Sharma	M	8.32
517	19EE8061	19U10523	Bachelor of Technology in	Electrical Engineering	Divyanshu Gupta	M	9.14
518	19EE8062	19U10524	Bachelor of Technology in	Electrical Engineering	Aditya Mitra	M	8.77
519	19EE8063	19U10526	Bachelor of Technology in	Electrical Engineering	Sayan Mondal	M	9.01
520	19EE8064	19U10528	Bachelor of Technology in	Electrical Engineering	Abantika Saha	M	9.00
521	19EE8065	19U10541	Bachelor of Technology in	Electrical Engineering	Sayan Das	F	8.37
522	19EE8066	19U10555	Bachelor of Technology in	Electrical Engineering	Raj Suyash Ranjan	M	8.37
523	19EE8067	19U10558	Bachelor of Technology in	Electrical Engineering	Vemula Rahul	M	8.05
524	19EE8068	19U10566	Bachelor of Technology in	Electrical Engineering	Sohini Bhattacharya	M	9.58
525	19EE8069	19U10573	Bachelor of Technology in	Electrical Engineering	Anirban Moi	F	7.57
526	19EE8070	19U10590	Bachelor of Technology in	Electrical Engineering	Kalakonda Dheeraj Reddy	M	7.65
527	19EE8071	19U10594	Bachelor of Technology in	Electrical Engineering	Subham Gupta	M	8.65
528	19EE8072	19U10607	Bachelor of Technology in	Electrical Engineering	Tuhin Karak	M	8.61
529	19EE8073	19U10612	Bachelor of Technology in	Electrical Engineering	Souradepta Pal	M	9.28
530	19EE8074	19U10615	Bachelor of Technology in	Electrical Engineering	Koustav Sanyal	M	9.06
531	19EE8075	19U10621	Bachelor of Technology in	Electrical Engineering	Diksha Senapati	M	7.84
532	19EE8076	19U10627	Bachelor of Technology in	Electrical Engineering	Aman Kumar	F	8.31
533	19EE8077	19U10650	Bachelor of Technology in	Electrical Engineering	Yogeswar Sarnakar	M	6.82
534	19EE8078	19U10672	Bachelor of Technology in	Electrical Engineering	Yamanni Shalem	M	7.58
535	19EE8079	19U10689	Bachelor of Technology in	Electrical Engineering	Gulfam Raza	M	7.92
536	19EE8080	19U10694	Bachelor of Technology in	Electrical Engineering	Vishwajeet Singh	M	8.61
537	19EE8081	19U10698	Bachelor of Technology in	Electrical Engineering	Anurag Singh	M	8.10
538	19EE8082	19U10705	Bachelor of Technology in	Electrical Engineering	Srishtik Dutta	M	9.21
539	19EE8083	19U10710	Bachelor of Technology in	Electrical Engineering	Rishabh Chauhan	M	7.70
540	19EE8084	19U10719	Bachelor of Technology in	Electrical Engineering	Prashant Mishra	M	7.97
541	19EE8085	19U10740	Bachelor of Technology in	Electrical Engineering	Pratyay De	M	9.35
542	19EE8086	19U10751	Bachelor of Technology in	Electrical Engineering	Vemulapalli Sivaji Ganesh Naidu	M	8.03
543	19EE8087	19U10769	Bachelor of Technology in	Electrical Engineering	Aman Raj	M	8.64



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
544	19EE8088	19U10773	Bachelor of Technology in	Electrical Engineering	Meesala Akhil Sai	M	7.96
545	19EE8090	19U10794	Bachelor of Technology in	Electrical Engineering	Aayush Kumar	M	8.09
546	19EE8091	19U10797	Bachelor of Technology in	Electrical Engineering	Gaikamble Sumedh Anil Rao	M	7.74
547	19EE8092	19U10810	Bachelor of Technology in	Electrical Engineering	Aishwarya Prakash	M	7.55
548	19EE8093	19U10817	Bachelor of Technology in	Electrical Engineering	Jena Shree Chaitanya	F	7.35
549	18ME8151	18U10731	Bachelor of Technology in	Mechanical Engineering	Banoth Rohith Kasna Naik	M	6.91
550	18ME8155	18U10754	Bachelor of Technology in	Mechanical Engineering	Shubham Kumar	M	7.33
551	19ME8001	19U10010	Bachelor of Technology in	Mechanical Engineering	Prasenjit Mandi	M	7.13
552	19ME8002	19U10011	Bachelor of Technology in	Mechanical Engineering	Piyush Kumar	M	8.86
553	19ME8003	19U10013	Bachelor of Technology in	Mechanical Engineering	Ankan Pramanik	M	8.59
554	19ME8004	19U10015	Bachelor of Technology in	Mechanical Engineering	Ashish Saha	M	8.23
555	19ME8005	19U10026	Bachelor of Technology in	Mechanical Engineering	Arkanil Bakly	M	8.04
556	19ME8006	19U10028	Bachelor of Technology in	Mechanical Engineering	Sarthak Bhar	M	8.58
557	19ME8007	19U10030	Bachelor of Technology in	Mechanical Engineering	Rakhi Soren	M	7.47
558	19ME8008	19U10045	Bachelor of Technology in	Mechanical Engineering	Munna Barnwal	F	7.56
559	19ME8009	19U10049	Bachelor of Technology in	Mechanical Engineering	Abu Hozaiifa	M	8.49
560	19ME8010	19U10051	Bachelor of Technology in	Mechanical Engineering	Souptik Das	M	8.51
561	19ME8011	19U10055	Bachelor of Technology in	Mechanical Engineering	Sayantani Roy	M	8.99
562	19ME8012	19U10057	Bachelor of Technology in	Mechanical Engineering	Pritam Chakraborty	F	8.67
563	19ME8013	19U10061	Bachelor of Technology in	Mechanical Engineering	Arghya Gorai	M	8.26
564	19ME8014	19U10065	Bachelor of Technology in	Mechanical Engineering	Anirban Biswas	M	7.73
565	19ME8015	19U10067	Bachelor of Technology in	Mechanical Engineering	Prasant Prasad	M	8.00
566	19ME8016	19U10074	Bachelor of Technology in	Mechanical Engineering	Rohit Barua	M	8.31
567	19ME8017	19U10078	Bachelor of Technology in	Mechanical Engineering	Rahul Mondal	M	7.99
568	19ME8018	19U10079	Bachelor of Technology in	Mechanical Engineering	Arkadeep Paul	M	8.73
569	19ME8019	19U10081	Bachelor of Technology in	Mechanical Engineering	Heman Hansda	M	7.06
570	19ME8020	19U10084	Bachelor of Technology in	Mechanical Engineering	Anik Mondal	M	8.19
571	19ME8021	19U10085	Bachelor of Technology in	Mechanical Engineering	Prithwisha Nath	M	8.37
572	19ME8022	19U10088	Bachelor of Technology in	Mechanical Engineering	Chiitrak Sarkar	F	8.85
573	19ME8023	19U10099	Bachelor of Technology in	Mechanical Engineering	Alikana Subrhamanyam	M	7.66
574	19ME8024	19U10100	Bachelor of Technology in	Mechanical Engineering	Allampalli Vinay	M	7.12
575	19ME8025	19U10101	Bachelor of Technology in	Mechanical Engineering	Malluvalasa Shyam	M	7.76



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
576	19ME8026	19U10111	Bachelor of Technology in	Mechanical Engineering	Abhijit Roy	M	7.90
577	19ME8027	19U10114	Bachelor of Technology in	Mechanical Engineering	Aman Sonkar	M	8.71
578	19ME8028	19U10116	Bachelor of Technology in	Mechanical Engineering	Tuhina Rakshit	M	8.09
579	19ME8029	19U10119	Bachelor of Technology in	Mechanical Engineering	Yash Vardhan Prasad	F	8.07
580	19ME8030	19U10126	Bachelor of Technology in	Mechanical Engineering	Lisa Saha	M	6.63
581	19ME8031	19U10134	Bachelor of Technology in	Mechanical Engineering	Gourab Ghosh	F	7.03
582	19ME8032	19U10138	Bachelor of Technology in	Mechanical Engineering	Shweta Chauhan	M	7.55
583	19ME8033	19U10141	Bachelor of Technology in	Mechanical Engineering	Souvik Mukherjee	F	7.57
584	19ME8034	19U10146	Bachelor of Technology in	Mechanical Engineering	Shikha Suman	M	8.36
585	19ME8035	19U10148	Bachelor of Technology in	Mechanical Engineering	Ramiz Mollah	F	8.10
586	19ME8036	19U10149	Bachelor of Technology in	Mechanical Engineering	Priyanshu Kumar	M	8.56
587	19ME8037	19U10155	Bachelor of Technology in	Mechanical Engineering	Himanshu Raj	M	8.76
588	19ME8038	19U10163	Bachelor of Technology in	Mechanical Engineering	Chayan Biswas	M	8.01
589	19ME8039	19U10179	Bachelor of Technology in	Mechanical Engineering	Vinay Kumar	M	7.94
590	19ME8040	19U10184	Bachelor of Technology in	Mechanical Engineering	Paltasingi Pavani	M	7.77
591	19ME8041	19U10190	Bachelor of Technology in	Mechanical Engineering	Shrungarapati Srirathna Sreya	F	8.09
592	19ME8042	19U10201	Bachelor of Technology in	Mechanical Engineering	Subrata Dutta	F	8.65
593	19ME8043	19U10209	Bachelor of Technology in	Mechanical Engineering	Abhijeet Kumar	M	7.87
594	19ME8044	19U10218	Bachelor of Technology in	Mechanical Engineering	Gangarapu Sai Krishna Charan	M	8.83
595	19ME8045	19U10219	Bachelor of Technology in	Mechanical Engineering	Rajiv Sarkar	M	7.08
596	19ME8046	19U10224	Bachelor of Technology in	Mechanical Engineering	Sandeep Kumar	M	7.79
597	19ME8047	19U10225	Bachelor of Technology in	Mechanical Engineering	Deepak Kumar Sah	M	7.94
598	19ME8048	19U10236	Bachelor of Technology in	Mechanical Engineering	Sourasish Chowdhury	M	7.76
599	19ME8049	19U10241	Bachelor of Technology in	Mechanical Engineering	Anubhab Mondal	M	6.52
600	19ME8051	19U10245	Bachelor of Technology in	Mechanical Engineering	Aniketh Ghosh	M	8.04
601	19ME8052	19U10250	Bachelor of Technology in	Mechanical Engineering	Sape Naveena	M	8.06
602	19ME8053	19U10252	Bachelor of Technology in	Mechanical Engineering	Maharshi Das	F	8.37
603	19ME8054	19U10253	Bachelor of Technology in	Mechanical Engineering	Pratik Sikdar	M	8.07
604	19ME8055	19U10254	Bachelor of Technology in	Mechanical Engineering	Vivek Verma	M	8.45
605	19ME8056	19U10255	Bachelor of Technology in	Mechanical Engineering	Mamidi Veera Venkata Santhosh Vamsi Akhil	M	7.91
606	19ME8057	19U10262	Bachelor of Technology in	Mechanical Engineering	Rohit Sanjeev Sontakke	M	7.87
607	19ME8058	19U10277	Bachelor of Technology in	Mechanical Engineering	Akash Vishwakarma	M	7.52



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
608	19ME8059	19U10280	Bachelor of Technology in	Mechanical Engineering	Sanka Rama Sai Rohith	M	8.25
609	19ME8060	19U10286	Bachelor of Technology in	Mechanical Engineering	Akshat Admache	M	7.98
610	19ME8061	19U10287	Bachelor of Technology in	Mechanical Engineering	Neha Kumari Yadav	M	7.82
611	19ME8062	19U10289	Bachelor of Technology in	Mechanical Engineering	Rahul Dhakharwal	F	8.39
612	19ME8063	19U10295	Bachelor of Technology in	Mechanical Engineering	Tallapareddy Sai Lakshmi Narasimha Reddy	M	8.81
613	19ME8065	19U10299	Bachelor of Technology in	Mechanical Engineering	Ashishkumar Mihirkumar Jha	M	8.84
614	19ME8066	19U10303	Bachelor of Technology in	Mechanical Engineering	Archi Saha	M	7.07
615	19ME8067	19U10309	Bachelor of Technology in	Mechanical Engineering	Arani Gangopadhyay	F	8.91
616	19ME8068	19U10312	Bachelor of Technology in	Mechanical Engineering	Karri Neeharika	M	8.13
617	19ME8069	19U10313	Bachelor of Technology in	Mechanical Engineering	Manchikanti Sharmila	F	8.18
618	19ME8070	19U10315	Bachelor of Technology in	Mechanical Engineering	Challa Srividya	F	8.23
619	19ME8071	19U10316	Bachelor of Technology in	Mechanical Engineering	Alapan Kuila	F	8.27
620	19ME8072	19U10323	Bachelor of Technology in	Mechanical Engineering	Aniket Verma	M	7.99
621	19ME8074	19U10326	Bachelor of Technology in	Mechanical Engineering	Koustav Das	M	8.04
622	19ME8075	19U10333	Bachelor of Technology in	Mechanical Engineering	Doddaka Avinash	M	8.17
623	19ME8076	19U10336	Bachelor of Technology in	Mechanical Engineering	Mallipudi Sri Lakshmi Devaraj	M	7.96
624	19ME8077	19U10337	Bachelor of Technology in	Mechanical Engineering	Aryan Raj Pathak	M	8.49
625	19ME8078	19U10345	Bachelor of Technology in	Mechanical Engineering	Madagala Siva Sai Vijay	M	8.10
626	19ME8079	19U10347	Bachelor of Technology in	Mechanical Engineering	Avishek Deb	M	7.43
627	19ME8081	19U10354	Bachelor of Technology in	Mechanical Engineering	Nalamasu Rahul	M	8.94
628	19ME8082	19U10355	Bachelor of Technology in	Mechanical Engineering	Hare Krishna Shukla	M	8.41
629	19ME8083	19U10356	Bachelor of Technology in	Mechanical Engineering	Chandaka Satya Vani	M	7.74
630	19ME8084	19U10373	Bachelor of Technology in	Mechanical Engineering	Udiga Bhanu Prakash	F	7.65
631	19ME8087	19U10394	Bachelor of Technology in	Mechanical Engineering	Prashant Kumar Singh	M	9.00
632	19ME8088	19U10401	Bachelor of Technology in	Mechanical Engineering	Sayantani Dey	M	8.91
633	19ME8089	19U10411	Bachelor of Technology in	Mechanical Engineering	Vummidi Sai Kiran	F	8.72
634	19ME8090	19U10413	Bachelor of Technology in	Mechanical Engineering	Divyam Srivastava	M	7.94
635	19ME8091	19U10415	Bachelor of Technology in	Mechanical Engineering	Priyanjali Shukla	M	8.89
636	19ME8092	19U10416	Bachelor of Technology in	Mechanical Engineering	Sneha Chattopadhyay	F	8.72
637	19ME8093	19U10417	Bachelor of Technology in	Mechanical Engineering	Abhishek Kumar	F	7.81
638	19ME8094	19U10423	Bachelor of Technology in	Mechanical Engineering	Abhijit Singh	M	8.10
639	19ME8095	19U10425	Bachelor of Technology in	Mechanical Engineering	Dip Mistri	M	7.85



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
640	19ME8096	19U10427	Bachelor of Technology in	Mechanical Engineering	Korra Nandini Kethan	M	7.55
641	19ME8097	19U10428	Bachelor of Technology in	Mechanical Engineering	Aditya Kumar	F	7.37
642	19ME8098	19U10430	Bachelor of Technology in	Mechanical Engineering	Karuturi Venkata Pavan Kumar	M	8.45
643	19ME8099	19U10433	Bachelor of Technology in	Mechanical Engineering	Prithviraj Chouhan	M	7.47
644	19ME8100	19U10436	Bachelor of Technology in	Mechanical Engineering	Challa Vinod Kumar	M	7.36
645	19ME8101	19U10440	Bachelor of Technology in	Mechanical Engineering	Gadi Jekshat Sridhar Naidu	M	6.83
646	19ME8102	19U10453	Bachelor of Technology in	Mechanical Engineering	Baratam Dharani	M	8.34
647	19ME8103	19U10454	Bachelor of Technology in	Mechanical Engineering	Eunice Raju Gundala	F	7.42
648	19ME8104	19U10456	Bachelor of Technology in	Mechanical Engineering	Konga Shiva Ganesh	F	8.69
649	19ME8105	19U10473	Bachelor of Technology in	Mechanical Engineering	Kumar Rahul	M	7.72
650	19ME8106	19U10476	Bachelor of Technology in	Mechanical Engineering	Vaskar Halder	M	8.24
651	19ME8107	19U10477	Bachelor of Technology in	Mechanical Engineering	Gadi Sai Chenna Kesava Naidu	M	8.11
652	19ME8108	19U10478	Bachelor of Technology in	Mechanical Engineering	Soham Panja	M	8.49
653	19ME8109	19U10479	Bachelor of Technology in	Mechanical Engineering	Tanmay Mondal	M	7.49
654	19ME8110	19U10483	Bachelor of Technology in	Mechanical Engineering	Annepu Ruchita	M	8.75
655	19ME8111	19U10484	Bachelor of Technology in	Mechanical Engineering	Sukrity Ghosh	F	9.38
656	19ME8112	19U10493	Bachelor of Technology in	Mechanical Engineering	Supriyo Karmakar	F	8.00
657	19ME8113	19U10494	Bachelor of Technology in	Mechanical Engineering	Akshay Meena	M	6.70
658	19ME8115	19U10504	Bachelor of Technology in	Mechanical Engineering	Arjun Parihar	M	7.62
659	19ME8116	19U10507	Bachelor of Technology in	Mechanical Engineering	Rishabh Mishra	M	8.19
660	19ME8117	19U10509	Bachelor of Technology in	Mechanical Engineering	Durga Shankar Pati Tripathi	M	9.04
661	19ME8118	19U10510	Bachelor of Technology in	Mechanical Engineering	Prashant Tiwari	M	8.70
662	19ME8119	19U10512	Bachelor of Technology in	Mechanical Engineering	Santhosh Nathan Ilankumaran	M	7.69
663	19ME8120	19U10515	Bachelor of Technology in	Mechanical Engineering	Noel Togi	M	7.65
664	19ME8121	19U10518	Bachelor of Technology in	Mechanical Engineering	Ansh Jha	M	8.47
665	19ME8122	19U10525	Bachelor of Technology in	Mechanical Engineering	Saptaparna Patra	F	9.15
666	19ME8123	19U10527	Bachelor of Technology in	Mechanical Engineering	Soumyadip Ghosh	M	8.60
667	19ME8124	19U10532	Bachelor of Technology in	Mechanical Engineering	Tanmoy Karmakar	M	8.28
668	19ME8125	19U10538	Bachelor of Technology in	Mechanical Engineering	Jugantar Mukherjee	M	8.76
669	19ME8126	19U10544	Bachelor of Technology in	Mechanical Engineering	Aditya Srivastava	M	8.78
670	19ME8127	19U10550	Bachelor of Technology in	Mechanical Engineering	Bandi Vijay Reddy	M	7.70
671	19ME8128	19U10553	Bachelor of Technology in	Mechanical Engineering	Anubhab Bose	M	7.37



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
672	19ME8129	19U10563	Bachelor of Technology in	Mechanical Engineering	Souham Banerjee	M	8.97
673	19ME8130	19U10565	Bachelor of Technology in	Mechanical Engineering	Shayan Bera	M	8.98
674	19ME8131	19U10577	Bachelor of Technology in	Mechanical Engineering	Shubham Goyal	M	7.93
675	19ME8132	19U10578	Bachelor of Technology in	Mechanical Engineering	Raunak Roy	M	7.96
676	19ME8133	19U10582	Bachelor of Technology in	Mechanical Engineering	Sumona Chatterjee	M	7.73
677	19ME8134	19U10585	Bachelor of Technology in	Mechanical Engineering	Atanu Mondal	F	8.53
678	19ME8135	19U10592	Bachelor of Technology in	Mechanical Engineering	Soubhik Dutta	M	7.99
679	19ME8136	19U10595	Bachelor of Technology in	Mechanical Engineering	Sounak Bhol	M	7.84
680	19ME8137	19U10611	Bachelor of Technology in	Mechanical Engineering	Ajaendla Nivas	M	7.85
681	19ME8138	19U10624	Bachelor of Technology in	Mechanical Engineering	Vishal Suresh Haralalka	M	8.12
682	19ME8139	19U10625	Bachelor of Technology in	Mechanical Engineering	Lingampally Thanooj	M	7.77
683	19ME8140	19U10628	Bachelor of Technology in	Mechanical Engineering	Kukkadapu Anitha	M	8.09
684	19ME8141	19U10630	Bachelor of Technology in	Mechanical Engineering	Jayant Kumar Srivastava	F	8.34
685	19ME8142	19U10640	Bachelor of Technology in	Mechanical Engineering	Aniket Biswas	M	8.12
686	19ME8143	19U10656	Bachelor of Technology in	Mechanical Engineering	Suvodeep Biswas	M	7.32
687	19ME8144	19U10665	Bachelor of Technology in	Mechanical Engineering	Subhadeep Chatterjee	M	8.60
688	19ME8145	19U10674	Bachelor of Technology in	Mechanical Engineering	G N Nikhil Abhi Teja	M	7.65
689	19ME8146	19U10676	Bachelor of Technology in	Mechanical Engineering	Neelarapu Sumanth	M	7.67
690	19ME8147	19U10684	Bachelor of Technology in	Mechanical Engineering	Illapu Mohan Rao	M	7.49
691	19ME8148	19U10685	Bachelor of Technology in	Mechanical Engineering	Katha Sai Lokeswara Reddy	M	8.96
692	19ME8149	19U10687	Bachelor of Technology in	Mechanical Engineering	Saksham Saxena	M	8.29
693	19ME8150	19U10688	Bachelor of Technology in	Mechanical Engineering	Deb Argha Saha	M	8.77
694	19ME8151	19U10693	Bachelor of Technology in	Mechanical Engineering	Arika Mani Sagar	M	6.87
695	19ME8152	19U10696	Bachelor of Technology in	Mechanical Engineering	Telikicherla Avinash	M	7.88
696	19ME8154	19U10700	Bachelor of Technology in	Mechanical Engineering	Abhirup Dasgupta	M	8.88
697	19ME8155	19U10714	Bachelor of Technology in	Mechanical Engineering	Perepureddy Venkatesh	M	7.87
698	19ME8156	19U10721	Bachelor of Technology in	Mechanical Engineering	Mayank Yadav	M	7.67
699	19ME8159	19U10735	Bachelor of Technology in	Mechanical Engineering	Adabala Guna Rama Krishna Raju	M	7.87
700	19ME8160	19U10741	Bachelor of Technology in	Mechanical Engineering	Padilam Siva Durga Lakshmana Dora	M	8.67
701	19ME8161	19U10742	Bachelor of Technology in	Mechanical Engineering	Abhijit Kumar	M	7.82
702	19ME8162	19U10745	Bachelor of Technology in	Mechanical Engineering	Gugloth Pruthvi	M	7.40
703	19ME8163	19U10747	Bachelor of Technology in	Mechanical Engineering	Satyam Mishra	M	8.16



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc 19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
704	19ME8165	19U10761	Bachelor of Technology in	Mechanical Engineering	Ankit Kumar	M	7.85
705	19ME8166	19U10762	Bachelor of Technology in	Mechanical Engineering	Veerla Manish Yadav	M	8.11
706	19ME8167	19U10763	Bachelor of Technology in	Mechanical Engineering	Sanagavarapu Hemanth	M	8.59
707	19ME8168	19U10767	Bachelor of Technology in	Mechanical Engineering	Vakada Ajay Kumar	M	7.47
708	19ME8169	19U10777	Bachelor of Technology in	Mechanical Engineering	Bhamidipalli Amrutha Varshini	M	7.66
709	19ME8170	19U10781	Bachelor of Technology in	Mechanical Engineering	Kapu Veera Venkata Sai Shanmuka Manoj	F	8.20
710	19ME8171	19U10789	Bachelor of Technology in	Mechanical Engineering	Deepak Meena	M	6.69
711	19ME8172	19U10805	Bachelor of Technology in	Mechanical Engineering	Adithi Roy Chowdhury	M	7.55
712	19ME8173	19U10815	Bachelor of Technology in	Mechanical Engineering	Sourav Sarkar	F	6.85
713	19ME8174	19U10818	Bachelor of Technology in	Mechanical Engineering	Vikas Hansdak	M	7.13
714	19MM8001	19U10037	Bachelor of Technology in	Metallurgical and Materials Engineering	Sayan Majumder	M	7.84
715	19MM8002	19U10044	Bachelor of Technology in	Metallurgical and Materials Engineering	Souryatanu Saha	M	8.41
716	19MM8003	19U10098	Bachelor of Technology in	Metallurgical and Materials Engineering	Ahammed Imtiaj Ali	M	8.57
717	19MM8004	19U10104	Bachelor of Technology in	Metallurgical and Materials Engineering	Tirtharaj Paul	M	8.54
718	19MM8005	19U10117	Bachelor of Technology in	Metallurgical and Materials Engineering	Shubhadip Paul	M	8.50
719	19MM8006	19U10140	Bachelor of Technology in	Metallurgical and Materials Engineering	Vishal Jaiswal	M	8.11
720	19MM8007	19U10161	Bachelor of Technology in	Metallurgical and Materials Engineering	Subodh Laguri	M	7.43
721	19MM8008	19U10167	Bachelor of Technology in	Metallurgical and Materials Engineering	Sayan Ghosh	M	8.56
722	19MM8009	19U10177	Bachelor of Technology in	Metallurgical and Materials Engineering	Yenneti Mohan Krishna	M	8.74
723	19MM8010	19U10192	Bachelor of Technology in	Metallurgical and Materials Engineering	Shivam Kumar	M	7.88
724	19MM8011	19U10208	Bachelor of Technology in	Metallurgical and Materials Engineering	Animesh Mandal	M	7.04
725	19MM8012	19U10230	Bachelor of Technology in	Metallurgical and Materials Engineering	Banamali Kar	M	8.35
726	19MM8013	19U10248	Bachelor of Technology in	Metallurgical and Materials Engineering	Venkumahanthi Bhanu Shankara Siddhardha	M	8.80
727	19MM8014	19U10256	Bachelor of Technology in	Metallurgical and Materials Engineering	Bidyutprabha Das	M	8.34
728	19MM8015	19U10258	Bachelor of Technology in	Metallurgical and Materials Engineering	Saptarshi Roy	F	8.83
729	19MM8016	19U10263	Bachelor of Technology in	Metallurgical and Materials Engineering	Rageshree Bhattacharjee	M	8.99
730	19MM8017	19U10268	Bachelor of Technology in	Metallurgical and Materials Engineering	Ailavarapu Surya Sanjana	F	8.23
731	19MM8018	19U10270	Bachelor of Technology in	Metallurgical and Materials Engineering	Atul Pooniya	F	8.28
732	19MM8020	19U10322	Bachelor of Technology in	Metallurgical and Materials Engineering	Sohel Sahin	M	7.32
733	19MM8021	19U10404	Bachelor of Technology in	Metallurgical and Materials Engineering	Manish Kumar	M	7.79
734	19MM8022	19U10405	Bachelor of Technology in	Metallurgical and Materials Engineering	Saurabh Vilas Sonwalkar	M	8.14
735	19MM8023	19U10420	Bachelor of Technology in	Metallurgical and Materials Engineering	Aditi Sharon Ekka	M	7.76



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
736	19MM8024	19U10429	Bachelor of Technology in	Metallurgical and Materials Engineering	Divyansh Kumar	F	9.04
737	19MM8025	19U10435	Bachelor of Technology in	Metallurgical and Materials Engineering	Mehul Gupta	M	8.86
738	19MM8026	19U10447	Bachelor of Technology in	Metallurgical and Materials Engineering	Lekhraj Paroda	M	9.05
739	19MM8027	19U10488	Bachelor of Technology in	Metallurgical and Materials Engineering	Ashish Meena	M	7.72
740	19MM8028	19U10514	Bachelor of Technology in	Metallurgical and Materials Engineering	Vysyaraju Venugopala Raju	M	8.24
741	19MM8029	19U10517	Bachelor of Technology in	Metallurgical and Materials Engineering	Ramyani Raha	M	9.22
742	19MM8030	19U10536	Bachelor of Technology in	Metallurgical and Materials Engineering	Shubham Raj	M	7.87
743	19MM8031	19U10537	Bachelor of Technology in	Metallurgical and Materials Engineering	Sudipta Sahana	M	7.63
744	19MM8032	19U10539	Bachelor of Technology in	Metallurgical and Materials Engineering	Ankit Rai	M	8.58
745	19MM8033	19U10540	Bachelor of Technology in	Metallurgical and Materials Engineering	Priyajeet Goswami	M	8.18
746	19MM8034	19U10557	Bachelor of Technology in	Metallurgical and Materials Engineering	Sandeep Kumar Vaishya	M	7.64
747	19MM8035	19U10559	Bachelor of Technology in	Metallurgical and Materials Engineering	Aritra Roy	M	8.19
748	19MM8036	19U10570	Bachelor of Technology in	Metallurgical and Materials Engineering	Rahul Kumar Shaw	M	7.73
749	19MM8037	19U10575	Bachelor of Technology in	Metallurgical and Materials Engineering	Richa Mishra	M	8.82
750	19MM8038	19U10596	Bachelor of Technology in	Metallurgical and Materials Engineering	Pandranki Chandra Sekhar Naidu	F	7.66
751	19MM8039	19U10599	Bachelor of Technology in	Metallurgical and Materials Engineering	Pranav Bajpai	M	9.02
752	19MM8040	19U10602	Bachelor of Technology in	Metallurgical and Materials Engineering	Jarapala Sri Chandana	M	7.56
753	19MM8041	19U10604	Bachelor of Technology in	Metallurgical and Materials Engineering	Bakku Rakesh	F	8.23
754	19MM8043	19U10620	Bachelor of Technology in	Metallurgical and Materials Engineering	Ankit Yadav	M	8.29
755	19MM8044	19U10623	Bachelor of Technology in	Metallurgical and Materials Engineering	Tamojit Chatterjee	M	7.90
756	19MM8045	19U10626	Bachelor of Technology in	Metallurgical and Materials Engineering	Srideep Bhattacharya	M	8.26
757	19MM8046	19U10648	Bachelor of Technology in	Metallurgical and Materials Engineering	Dev Khanna	M	8.07
758	19MM8047	19U10654	Bachelor of Technology in	Metallurgical and Materials Engineering	Anushka Tiwari	M	8.73
759	19MM8048	19U10660	Bachelor of Technology in	Metallurgical and Materials Engineering	Amit Kumar Sahu	F	7.78
760	19MM8049	19U10663	Bachelor of Technology in	Metallurgical and Materials Engineering	Ganta Sai Supraja	M	8.73
761	19MM8050	19U10680	Bachelor of Technology in	Metallurgical and Materials Engineering	Vadiga Sreeja	F	7.69
762	19MM8051	19U10686	Bachelor of Technology in	Metallurgical and Materials Engineering	Srijita Ghosh	F	8.19
763	19MM8052	19U10695	Bachelor of Technology in	Metallurgical and Materials Engineering	Aniket Panigrahi	F	9.14
764	19MM8053	19U10702	Bachelor of Technology in	Metallurgical and Materials Engineering	Shalin Srivastava	M	8.08
765	19MM8055	19U10733	Bachelor of Technology in	Metallurgical and Materials Engineering	Amitabha Biswas	M	7.29
766	19MM8056	19U10734	Bachelor of Technology in	Metallurgical and Materials Engineering	Suravarapu Harshith Bhargav	M	7.34
767	19MM8057	19U10736	Bachelor of Technology in	Metallurgical and Materials Engineering	Aditya Kumar	M	7.51



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
768	19MM8058	19U10743	Bachelor of Technology in	Metallurgical and Materials Engineering	Geddama Varnika Sri	M	8.07
769	19MM8059	19U10746	Bachelor of Technology in	Metallurgical and Materials Engineering	Gunta Pavan Sai	F	7.41
770	19MM8060	19U10755	Bachelor of Technology in	Metallurgical and Materials Engineering	Raj Gaurav	M	8.45
771	19MM8061	19U10776	Bachelor of Technology in	Metallurgical and Materials Engineering	Poshala Yashwanth	M	7.30
772	19MM8062	19U10787	Bachelor of Technology in	Metallurgical and Materials Engineering	Surisetty Shyam Srinivas	M	8.96
773	19MM8063	19U10799	Bachelor of Technology in	Metallurgical and Materials Engineering	Chelluboina Sravani	M	8.20
774	19MM8064	19U10819	Bachelor of Technology in	Metallurgical and Materials Engineering	Bijay Singh Poona	F	7.66
775	19MM8065	19U10821	Bachelor of Technology in	Metallurgical and Materials Engineering	Vishal Kumar	M	7.16
776	18MM8044	18U10586	Bachelor of Technology in	Metallurgical and Materials Engineering	Dharavath Koushik	M	7.24

Dual Degree Program (B.Tech. and M. Tech. in)

1	18BT1001	18U10259	Bachelor of Technology (under Dual Degree program)	Biotechnology	Sushma Brahma	F	7.39
2	18BT1002	18U10516	Bachelor of Technology (under Dual Degree program)	Biotechnology	Shankhadeep Mondal	M	7.85
3	18BT1003	18U10583	Bachelor of Technology (under Dual Degree program)	Biotechnology	Priyanshu Pandey	M	8.53
4	18BT1004	18U10669	Bachelor of Technology (under Dual Degree program)	Biotechnology	Sauma Suvra Majumdar	M	8.73
5	18BT1005	18U10696	Bachelor of Technology (under Dual Degree program)	Biotechnology	Shubham Maurya	M	7.69
6	18CH1001	18U10035	Bachelor of Technology (under Dual Degree program)	Chemical Engineering	Pritam Paul	M	7.88
7	18CH1002	18U10097	Bachelor of Technology (under Dual Degree program)	Chemical Engineering	Swagata Laxmi Sengupta	F	9.08
8	18CH1004	18U10647	Bachelor of Technology (under Dual Degree program)	Chemical Engineering	Bhissetti Hari Venkata Prasad	M	7.72
1	18BT1001	18U10259	Master of Technology (under Dual Degree program) in	Biotechnology	Sushma Brahma	F	7.39
786	18BT1002	18U10516	Master of Technology (under Dual Degree program) in	Biotechnology	Shankhadeep Mondal	M	7.85
787	18BT1003	18U10583	Master of Technology (under Dual Degree program) in	Biotechnology	Priyanshu Pandey	M	8.53
788	18BT1004	18U10669	Master of Technology (under Dual Degree program) in	Biotechnology	Sauma Suvra Majumdar	M	8.73
789	18BT1005	18U10696	Master of Technology (under Dual Degree program) in	Biotechnology	Shubham Maurya	M	7.69
790	18CH1001	18U10035	Master of Technology (under Dual Degree program) in	Chemical Engineering	Pritam Paul	M	7.88
791	18CH1002	18U10097	Master of Technology (under Dual Degree program) in	Chemical Engineering	Swagata Laxmi Sengupta	F	9.08
792	18CH1004	18U10647	Master of Technology (under Dual Degree program) in	Chemical Engineering	Bhissetti Hari Venkata Prasad	M	7.72

Integrated M. Sc. in Chemistry

1	17CY1011	17U10733	Integrated Master of Science in	Chemistry	Geetanjali Paul	M	7.91
2	18CY1001	18U10049	Integrated Master of Science in	Chemistry	Aritra Kundu	F	8.48
3	18CY1003	18U10384	Integrated Master of Science in	Chemistry	Somdatta Paul	F	8.07
4	18CY1004	18U10508	Integrated Master of Science in	Chemistry	Kasu Jyothiratha Venkata Nageswar	M	8.85



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST DEGREE RECIPIENTS - B.Tech., Dual Degree, Int. M.Sc

19TH CONVOCATION

Sl No	Roll No	Reg. No.	Programme	Branch	Name	Gender	FINAL CGPA
5	18CY1005	18U10550	Integrated Master of Science in	Chemistry	Abhigyan Deoli	M	8.52
6	18CY1006	18U10607	Integrated Master of Science in	Chemistry	Sankar Panda	F	7.73
7	18CY1007	18U10633	Integrated Master of Science in	Chemistry	Priya Pant	M	8.41
8	18CY1008	18U10644	Integrated Master of Science in	Chemistry	Somenath Chattopadhyay	F	7.37
9	18CY1009	18U10651	Integrated Master of Science in	Chemistry	Arundhati Mondal	M	7.92
10	18CY1011	18U10689	Integrated Master of Science in	Chemistry	Rohan Ramtake	M	7.51
11	18CY1012	18U10703	Integrated Master of Science in	Chemistry	Ajay	F	7.56
12	18CY1015	18U10738	Integrated Master of Science in	Chemistry	Nikita Bhowmik	F	8.29



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCAATION

Annexure - 71.3.2

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
1	21BT4101	21P10044	Master of Technology	in Biotechnology	Narmadha M	F	9.24
2	21BT4102	21P10045	Master of Technology	in Biotechnology	Dharmendra Kumar	M	8.80
3	21BT4103	21P10059	Master of Technology	in Biotechnology	Adityarup Das	M	8.81
4	21BT4104	21P10073	Master of Technology	in Biotechnology	Sonali Raj	F	9.06
5	21BT4105	21P10076	Master of Technology	in Biotechnology	D Tamilselvan	M	8.87
6	21BT4106	21P10130	Master of Technology	in Biotechnology	Swarnabha Goswami	M	9.17
7	21BT4107	21P10171	Master of Technology	in Biotechnology	Deepak Kumar Mahato	M	8.37
8	21BT4108	21P10184	Master of Technology	in Biotechnology	Mehak Ahuja	F	9.14
9	21BT4109	21P10190	Master of Technology	in Biotechnology	Sanjukta Banerjee	F	9.41
10	21BT4110	21P10216	Master of Technology	in Biotechnology	Paramveer Yadav	M	9.04
11	21BT4111	21P10280	Master of Technology	in Biotechnology	Madhabendra Mohon Kar	M	9.29
12	21BT4112	21P10313	Master of Technology	in Biotechnology	Meheria Hazari	F	8.89
13	21BT4113	21P10322	Master of Technology	in Biotechnology	Manali Sunilrao Shegokar	F	9.17
14	21BT4114	21P10332	Master of Technology	in Biotechnology	Uma Jyoti Pal	F	8.86
15	21BT4115	21P10334	Master of Technology	in Biotechnology	Sudibya Sinha	F	8.59
16	21BT4117	21P10364	Master of Technology	in Biotechnology	Simdhuja Maka	F	8.29
17	21CE4101	21P10042	Master of Technology	in Structural Engineering	Subhrajit Sinha	M	8.11
18	21CE4103	21P10049	Master of Technology	in Structural Engineering	Samir Kumar	M	8.58
19	21CE4104	21P10071	Master of Technology	in Structural Engineering	Kumbha Anupa Nayak	M	9.35
20	21CE4105	21P10077	Master of Technology	in Structural Engineering	Akshay Kumar	F	8.96
21	21CE4107	21P10164	Master of Technology	in Structural Engineering	Venkat Raj Konam	F	8.80
22	21CE4108	21P10169	Master of Technology	in Structural Engineering	Rithwez Damarla	M	8.51
23	21CE4109	21P10187	Master of Technology	in Structural Engineering	MD Farhan Alam	M	8.92
24	21CE4110	21P10193	Master of Technology	in Structural Engineering	Arunima Sengupta	M	9.09
25	21CE4112	21P10275	Master of Technology	in Structural Engineering	Saurabh Suman	F	8.70
26	21CE4113	21P10281	Master of Technology	in Structural Engineering	G Rahul Raj	M	8.03
27	21CE4114	21P10296	Master of Technology	in Structural Engineering	Aryan Saini	F	8.78
28	21CE4115	21P10301	Master of Technology	in Structural Engineering	Radhe Yassung	M	8.58
29	21CE4116	21P10321	Master of Technology	in Structural Engineering	Vashu Dev	M	8.45
30	21CE4117	21P10348	Master of Technology	in Structural Engineering	Irfan Hashmee	F	8.58
31	21CE4118	21P10349	Master of Technology	in Structural Engineering	Bhanu Kiran Gudipati	F	8.74
32	21CE4119	21P10353	Master of Technology	in Structural Engineering	MD Shoaib Akhtar	M	8.28
33	21CE4201	21P10041	Master of Technology	in Geotechnical Engineering	MD Aman Nimezi	F	8.89
34	21CE4202	21P10056	Master of Technology	in Geotechnical Engineering	Arif Iqbal	M	7.54
35	21CE4203	21P10068	Master of Technology	in Geotechnical Engineering	Burhan Ahmad Wani	M	8.63
36	21CE4204	21P10074	Master of Technology	in Geotechnical Engineering	S Vajram	F	8.76
37	21CE4205	21P10082	Master of Technology	in Geotechnical Engineering	Shalu Roy	M	9.10
38	21CE4206	21P10086	Master of Technology	in Geotechnical Engineering	Aman Kumar	M	8.46
39	21CE4207	21P10158	Master of Technology	in Geotechnical Engineering	Pritam Singh	F	8.49
40	21CE4208	21P10162	Master of Technology	in Geotechnical Engineering	Kundan Kumar	M	8.99
41	21CE4209	21P10170	Master of Technology	in Geotechnical Engineering	Kavya L R	M	8.67
42	21CE4210	21P10197	Master of Technology	in Geotechnical Engineering	Kumar Shubham	M	8.67
43	21CE4211	21P10200	Master of Technology	in Geotechnical Engineering	Shriti Singh	M	8.85
44	21CE4212	21P10209	Master of Technology	in Geotechnical Engineering	Mahesh Balsukuri	F	8.75
45	21CE4214	21P10228	Master of Technology	in Geotechnical Engineering	Mozammil Saqlain	M	8.38
46	21CE4215	21P10252	Master of Technology	in Geotechnical Engineering	Suchhanda Mondal	M	8.97
47	21CE4216	21P10268	Master of Technology	in Geotechnical Engineering	Rajashree Barman	M	8.94
48	21CE4217	21P10278	Master of Technology	in Geotechnical Engineering	Rajeev Ranjan	F	8.00
49	21CE4218	21P10359	Master of Technology	in Geotechnical Engineering	Sharmistha Chakraborty	M	8.90
50	21CE4219	21P10362	Master of Technology	in Geotechnical Engineering	Soumik Dana	M	8.67
51	21CE4220	21P10387	Master of Technology	in Geotechnical Engineering	Nikhil Jha	M	8.72
52	21CH4101	21P10207	Master of Technology	in Chemical Engineering	Sunanda Dutta	M	9.38
53	21CH4102	21P10389	Master of Technology	in Chemical Engineering	Bidisha Majumder	F	8.65



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCAATION

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
54	21CH4103	21P10394	Master of Technology	in Chemical Engineering	Poulami Hazra	F	8.73
55	21CH4104	21P10395	Master of Technology	in Chemical Engineering	Debanik Bose	M	8.69
56	21CH4105	21P10412	Master of Technology	in Chemical Engineering	Aratrika Roy Chowdhury	F	9.75
57	21CH4106	21P10419	Master of Technology	in Chemical Engineering	Nisha Shree	F	8.99
58	21CH4107	21P10421	Master of Technology	in Chemical Engineering	Komal Vashishth	F	8.79
59	21CH4201	21P10132	Master of Technology	in Energy Resources and Sustainable Environmental Engineering	Rexona Khatoon	F	9.20
60	21CH4202	21P10392	Master of Technology	in Energy Resources and Sustainable Environmental Engineering	Asha Rani Patra	F	9.26
61	21CH4203	21P10393	Master of Technology	in Energy Resources and Sustainable Environmental Engineering	Utkarsh Raj	M	7.90
62	21CH4205	21P10406	Master of Technology	in Energy Resources and Sustainable Environmental Engineering	Vivek Kumar	M	8.20
63	21CH4206	21P10410	Master of Technology	in Energy Resources and Sustainable Environmental Engineering	Aniruddha Chowdhury	M	7.63
64	21CS4101	21P10043	Master of Technology	in Computer Science and Engineering	Vimlesh Verma	M	8.65
65	21CS4102	21P10052	Master of Technology	in Computer Science and Engineering	Govind Kumar	M	8.66
66	21CS4103	21P10054	Master of Technology	in Computer Science and Engineering	Sai Manisha Annam	F	9.15
67	21CS4104	21P10069	Master of Technology	in Computer Science and Engineering	Saurabh Rai	M	8.32
68	21CS4105	21P10078	Master of Technology	in Computer Science and Engineering	MD. Tousin Akhter	M	9.32
69	21CS4106	21P10083	Master of Technology	in Computer Science and Engineering	Anipindi Rajesh	M	8.79
70	21CS4107	21P10091	Master of Technology	in Computer Science and Engineering	Swati Singh	F	8.89
71	21CS4108	21P10092	Master of Technology	in Computer Science and Engineering	Kalyani Karmakar	F	8.48
72	21CS4109	21P10098	Master of Technology	in Computer Science and Engineering	Malay Bhowmick	M	8.62
73	21CS4111	21P10105	Master of Technology	in Computer Science and Engineering	Arup Nath	M	9.00
74	21CS4112	21P10110	Master of Technology	in Computer Science and Engineering	Puja Kumari	F	8.28
75	21CS4113	21P10114	Master of Technology	in Computer Science and Engineering	Aniket Pyne	M	8.82
76	21CS4114	21P10118	Master of Technology	in Computer Science and Engineering	Prem Nath Dey	M	8.69
77	21CS4115	21P10119	Master of Technology	in Computer Science and Engineering	Sourav Nandi	M	9.21
78	21CS4116	21P10120	Master of Technology	in Computer Science and Engineering	Debapriya Sarkar	M	8.35
79	21CS4118	21P10123	Master of Technology	in Computer Science and Engineering	Sankhadeep Bhowmick	M	8.45
80	21CS4120	21P10142	Master of Technology	in Computer Science and Engineering	Ankit Rai	M	8.06
81	21CS4122	21P10152	Master of Technology	in Computer Science and Engineering	Anupama Mishra	F	8.76
82	21CS4123	21P10166	Master of Technology	in Computer Science and Engineering	Poonam Sai	F	8.31
83	21CS4124	21P10173	Master of Technology	in Computer Science and Engineering	Arpita Mandal	M	9.13
84	21CS4125	21P10180	Master of Technology	in Computer Science and Engineering	Shalini Singh	F	9.01
85	21CS4126	21P10188	Master of Technology	in Computer Science and Engineering	Naman Sahu	F	8.73
86	21CS4127	21P10212	Master of Technology	in Computer Science and Engineering	Avishek Gupta	M	8.23
87	21CS4128	21P10213	Master of Technology	in Computer Science and Engineering	Suraj Kumar	M	8.17
88	21CS4129	21P10221	Master of Technology	in Computer Science and Engineering	Yash Vinodkumar Wadhvani	M	7.68
89	21CS4131	21P10245	Master of Technology	in Computer Science and Engineering	Koyena Chowdhury	M	9.28
90	21CS4132	21P10248	Master of Technology	in Computer Science and Engineering	Debal Ghosh	F	8.04
91	21CS4133	21P10259	Master of Technology	in Computer Science and Engineering	Nandita Ghosh	M	9.27
92	21CS4134	21P10263	Master of Technology	in Computer Science and Engineering	Ningthoujam Shamananda Singh	F	8.68
93	21CS4135	21P10274	Master of Technology	in Computer Science and Engineering	Amrita Maitra	M	8.61
94	21CS4136	21P10283	Master of Technology	in Computer Science and Engineering	Kshetrimayum Simanta Singh	F	8.65
95	21CS4138	21P10299	Master of Technology	in Computer Science and Engineering	Suyash Shikhar Srivastava	M	8.41
96	21CS4139	21P10302	Master of Technology	in Computer Science and Engineering	Nilesh Madharia	M	8.73
97	21CS4140	21P10306	Master of Technology	in Computer Science and Engineering	Megha Lodh	M	8.80
98	21CS4141	21P10315	Master of Technology	in Computer Science and Engineering	Devasish Mahato	F	9.08
99	21CS4142	21P10317	Master of Technology	in Computer Science and Engineering	Pragati Agrawal	M	8.34
100	21CS4143	21P10318	Master of Technology	in Computer Science and Engineering	Tushar Madan Kadam	F	8.80
101	21CS4145	21P10345	Master of Technology	in Computer Science and Engineering	Kamta Prasad	M	8.03
102	21CS4146	21P10354	Master of Technology	in Computer Science and Engineering	Gaurav Pradhan	M	8.00



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCAATION

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
103	21CS4148	21P10361	Master of Technology	in Computer Science and Engineering	Punit Kumar Verma	M	8.10
104	21CS4149	21P10363	Master of Technology	in Computer Science and Engineering	Nand Kishore Prasad	M	8.32
105	21CS4150	21P10366	Master of Technology	in Computer Science and Engineering	Dipnarayan Das	M	8.61
106	21EC4102	21P10065	Master of Technology	in Telecommunication Engineering	Vedula Kiran Bharadwaj	M	9.57
107	21EC4103	21P10096	Master of Technology	in Telecommunication Engineering	Debabrata Ghorui	F	9.39
108	21EC4105	21P10273	Master of Technology	in Telecommunication Engineering	Debakshi Gupta	M	9.45
109	21EC4106	21P10391	Master of Technology	in Telecommunication Engineering	Anubrata Sarkar	M	9.19
110	21EC4107	21P10396	Master of Technology	in Telecommunication Engineering	Charul Singh	M	9.36
111	21EC4108	21P10404	Master of Technology	in Telecommunication Engineering	Abhishek Raj	M	9.23
112	21EC4109	21P10409	Master of Technology	in Telecommunication Engineering	Sima Kumari	F	9.32
113	21EC4110	21P10420	Master of Technology	in Telecommunication Engineering	Avinaba Tapadar	M	9.21
114	21EC4201	21P10040	Master of Technology	in Microelectronics and VLSI	Debjyoti Banerjee	M	9.76
115	21EC4202	21P10062	Master of Technology	in Microelectronics and VLSI	Preethi Rajan	M	9.45
116	21EC4203	21P10063	Master of Technology	in Microelectronics and VLSI	Manish Kumar	M	9.45
117	21EC4204	21P10075	Master of Technology	in Microelectronics and VLSI	Shubham Kumar Gupta	M	9.64
118	21EC4205	21P10104	Master of Technology	in Microelectronics and VLSI	Aman Ranjan	F	9.31
119	21EC4206	21P10113	Master of Technology	in Microelectronics and VLSI	Raja Gupta	M	8.99
120	21EC4207	21P10189	Master of Technology	in Microelectronics and VLSI	Dhaama Urwasha	M	9.24
121	21EC4208	21P10214	Master of Technology	in Microelectronics and VLSI	Mohit Rawat	M	9.77
122	21EC4209	21P10225	Master of Technology	in Microelectronics and VLSI	Sumanth Kayyala	M	8.89
123	21EC4210	21P10240	Master of Technology	in Microelectronics and VLSI	Jagrit Umarwal	M	9.01
124	21EC4211	21P10247	Master of Technology	in Microelectronics and VLSI	Lokesh Nayini	M	9.04
125	21EC4212	21P10270	Master of Technology	in Microelectronics and VLSI	Vikash Sharma	M	8.89
126	21EC4213	21P10286	Master of Technology	in Microelectronics and VLSI	Komal Kumari Singh	M	9.62
127	21EC4214	21P10290	Master of Technology	in Microelectronics and VLSI	Arun Kumar Rana	M	9.30
128	21EC4215	21P10300	Master of Technology	in Microelectronics and VLSI	Mukesh Kumar	F	9.19
129	21EC4216	21P10314	Master of Technology	in Microelectronics and VLSI	Vivek Anand	M	9.27
130	21EC4217	21P10339	Master of Technology	in Microelectronics and VLSI	Sreyankar Malakar	F	8.51
131	21EC4218	21P10342	Master of Technology	in Microelectronics and VLSI	Ankit Jaiswal	M	9.41
132	21EC4219	21P10343	Master of Technology	in Microelectronics and VLSI	Nagaraju Penumanu	F	9.41
133	21EC4220	21P10344	Master of Technology	in Microelectronics and VLSI	Rahul Kumar	M	9.34
134	20EE4111	20P10210	Master of Technology	in Power Systems	Rupal Panda	M	8.65
135	21EE4101	21P10055	Master of Technology	in Power Systems	Muddamalla Hareesh	F	8.28
136	21EE4102	21P10095	Master of Technology	in Power Systems	Bhawan Kumar Jha	M	8.31
137	21EE4103	21P10102	Master of Technology	in Power Systems	Pritam Chakraborty	M	8.97
138	21EE4104	21P10140	Master of Technology	in Power Systems	Swastick Chakraborty	M	8.63
139	21EE4105	21P10154	Master of Technology	in Power Systems	Mira Rani Choudhury	M	8.55
140	21EE4107	21P10178	Master of Technology	in Power Systems	Ishan Chakraborty	M	9.14
141	21EE4108	21P10181	Master of Technology	in Power Systems	Surja Kamal Ghosh	M	9.07
142	21EE4109	21P10258	Master of Technology	in Power Systems	Vivek Ranjan	M	8.51
143	21EE4110	21P10276	Master of Technology	in Power Systems	Satyajit Pradhan	M	8.48
144	21EE4111	21P10282	Master of Technology	in Power Systems	Kavita Kumari	M	7.80
145	21EE4112	21P10298	Master of Technology	in Power Systems	Saurabh Srivastava	M	8.41
146	21EE4113	21P10307	Master of Technology	in Power Systems	Nitish Kumar Sahoo	M	8.92
147	21EE4114	21P10309	Master of Technology	in Power Systems	Nidhi Kumari	M	8.70
148	21EE4115	21P10335	Master of Technology	in Power Systems	Antu Roy	F	7.13
149	21EE4116	21P10341	Master of Technology	in Power Systems	Prabhat Kumar	M	7.63
150	21EE4117	21P10358	Master of Technology	in Power Systems	Mahesh Kumar Shaw	M	8.17
151	21EE4118	21P10381	Master of Technology	in Power Systems	Sana Azhar	F	8.37
152	21EE4119	21P10388	Master of Technology	in Power Systems	Karan Kumar Singh	F	7.83
153	21EE4201	21P10038	Master of Technology	in Power Electronics and Machine Drives	Vishwakarma Kumar	M	8.20
154	21EE4202	21P10066	Master of Technology	in Power Electronics and Machine Drives	Soumyakanti Roy	M	9.41



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCATION

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
155	21EE4203	21P10079	Master of Technology	in Power Electronics and Machine Drives	Sambit Das	F	9.10
156	21EE4204	21P10088	Master of Technology	in Power Electronics and Machine Drives	Amardeep Kumar Singh	M	8.42
157	21EE4205	21P10094	Master of Technology	in Power Electronics and Machine Drives	Pritish Kumar Sahu	M	8.55
158	21EE4206	21P10112	Master of Technology	in Power Electronics and Machine Drives	Anuprash Gurung	M	8.39
159	21EE4207	21P10135	Master of Technology	in Power Electronics and Machine Drives	Bidisha Bhattacharya	M	9.01
160	21EE4208	21P10146	Master of Technology	in Power Electronics and Machine Drives	Shivam	M	8.72
161	21EE4209	21P10172	Master of Technology	in Power Electronics and Machine Drives	Pawan Kumar	M	7.58
162	21EE4211	21P10195	Master of Technology	in Power Electronics and Machine Drives	Poonam Kumari	M	8.24
163	21EE4212	21P10231	Master of Technology	in Power Electronics and Machine Drives	Somdutta Tikadar	F	8.10
164	21EE4213	21P10308	Master of Technology	in Power Electronics and Machine Drives	Nihal Kumar	M	8.62
165	21EE4214	21P10328	Master of Technology	in Power Electronics and Machine Drives	Vineet Bharadwaj	M	9.38
166	21EE4216	21P10340	Master of Technology	in Power Electronics and Machine Drives	Palepu Lakshmi Chandana	M	9.08
167	21EE4217	21P10355	Master of Technology	in Power Electronics and Machine Drives	Rajendra Cheepinapi	M	8.25
168	21EE4219	21P10383	Master of Technology	in Power Electronics and Machine Drives	Prarambhik Sur	F	9.52
169	21EE4302	21P10243	Master of Technology	in Instrumentation and Control	Arijit Bhowmik	M	9.17
170	21EE4303	21P10285	Master of Technology	in Instrumentation and Control	Tishya Chattopadhyay	M	9.26
171	21EE4305	21P10372	Master of Technology	in Instrumentation and Control	Gautam Kumar	F	8.96
172	21EE4306	21P10390	Master of Technology	in Instrumentation and Control	Ayush Lal	M	8.24
173	21EE4307	21P10400	Master of Technology	in Instrumentation and Control	Subham Mahanta	M	9.06
174	21EE4308	21P10408	Master of Technology	in Instrumentation and Control	Hariom Thakur	M	9.00
175	21EE4309	21P10411	Master of Technology	in Instrumentation and Control	Afzal	F	9.00
176	21EE4310	21P10416	Master of Technology	in Instrumentation and Control	Mirza Seraj Baig	M	9.33
177	21ES4101	21P10051	Master of Technology	in Environmental Science and Technology	Rahul Kumar	M	8.09
178	21ES4102	21P10057	Master of Technology	in Environmental Science and Technology	A Shivani	F	8.61
179	21ES4104	21P10085	Master of Technology	in Environmental Science and Technology	Asha Shende	F	8.54
180	21ES4105	21P10087	Master of Technology	in Environmental Science and Technology	Pravin Lal	M	8.93
181	21ES4106	21P10106	Master of Technology	in Environmental Science and Technology	Ravi Kumar Yadav	M	8.19
182	21ES4107	21P10109	Master of Technology	in Environmental Science and Technology	Apurwa Runda	F	8.54
183	21ES4109	21P10155	Master of Technology	in Environmental Science and Technology	Jhilik Gantait	F	8.90
184	21ES4111	21P10217	Master of Technology	in Environmental Science and Technology	Abhinav	M	8.16
185	21ES4114	21P10297	Master of Technology	in Environmental Science and Technology	Lohit Paul	M	8.86
186	21ES4115	21P10373	Master of Technology	in Environmental Science and Technology	Pinaki Hazra	M	9.03
187	21ES4116	21P10382	Master of Technology	in Environmental Science and Technology	Mithu Prasad	M	8.34
188	21ES4117	21P10384	Master of Technology	in Environmental Science and Technology	Sameer Shafi Ganaie	M	8.96



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCAATION

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
189	21ES4118	21P10386	Master of Technology	in Environmental Science and Technology	Debasree Roy	F	8.41
190	21ES4119	21P10418	Master of Technology	in Environmental Science and Technology	Ravi Ghunawat	M	8.66
191	21MA4101	21P10037	Master of Technology	in Operations Research	Varun Vinod Deshmukh	M	8.75
192	21MA4102	21P10064	Master of Technology	in Operations Research	Vishwa Nitish Kerkar	F	8.99
193	21MA4104	21P10117	Master of Technology	in Operations Research	Sourav Ray	M	8.36
194	21MA4105	21P10161	Master of Technology	in Operations Research	Pourush Kumar Gupta	M	8.37
195	21MA4106	21P10236	Master of Technology	in Operations Research	Sheetal Singh	F	8.99
196	21MA4109	21P10336	Master of Technology	in Operations Research	Ishani Ray	F	9.69
197	21MA4112	21P10360	Master of Technology	in Operations Research	Himanshu Kumar	M	8.52
198	21MA4113	21P10377	Master of Technology	in Operations Research	Ankit Dev	M	7.93
199	21ME4101	21P10046	Master of Technology	in Machine Design	Anshu Raj	F	8.30
200	21ME4102	21P10053	Master of Technology	in Machine Design	Mohanakrishna Kamminana	M	8.16
201	21ME4103	21P10129	Master of Technology	in Machine Design	Avinash Kumar Singh	M	8.10
202	21ME4104	21P10148	Master of Technology	in Machine Design	Aditya Kumar Singh	M	8.14
203	21ME4106	21P10165	Master of Technology	in Machine Design	Ashish Anand	M	8.36
204	21ME4107	21P10210	Master of Technology	in Machine Design	Vivek Roushan	M	8.00
205	21ME4108	21P10215	Master of Technology	in Machine Design	Rishav Gupta	F	8.46
206	21ME4111	21P10289	Master of Technology	in Machine Design	Anup Yadav	M	8.56
207	21ME4112	21P10316	Master of Technology	in Machine Design	Dibyendu Khan	M	8.79
208	21ME4113	21P10346	Master of Technology	in Machine Design	Utsav	M	8.36
209	21ME4114	21P10370	Master of Technology	in Machine Design	Sourav Goswami	M	8.63
210	21ME4115	21P10378	Master of Technology	in Machine Design	Dipak Kumar Jala	M	8.14
211	21ME4202	21P10047	Master of Technology	in Thermal Engineering	Shantanu Prasad Thakar	M	8.78
212	21ME4203	21P10050	Master of Technology	in Thermal Engineering	Prakhar Rai	M	8.63
213	21ME4204	21P10126	Master of Technology	in Thermal Engineering	Kumar Shubhanshu	M	9.16
214	21ME4205	21P10136	Master of Technology	in Thermal Engineering	Sohom Ghosh	M	8.49
215	21ME4206	21P10138	Master of Technology	in Thermal Engineering	Ritwik Kumar	M	9.21
216	21ME4207	21P10167	Master of Technology	in Thermal Engineering	Shweta Bhardwaj	M	8.79
217	21ME4208	21P10206	Master of Technology	in Thermal Engineering	Rakshith T R	M	9.05
218	21ME4209	21P10229	Master of Technology	in Thermal Engineering	Puja Bezbaruah	M	8.99
219	21ME4210	21P10277	Master of Technology	in Thermal Engineering	Rupayan Roy	M	8.56
220	21ME4211	21P10326	Master of Technology	in Thermal Engineering	Jinmay Kalita	M	9.22
221	21ME4212	21P10329	Master of Technology	in Thermal Engineering	Surov Ghosh	M	8.73
222	21ME4213	21P10365	Master of Technology	in Thermal Engineering	Abhijith C R	M	8.74
223	21ME4214	21P10371	Master of Technology	in Thermal Engineering	Saptarshi Das	M	9.18
224	21ME4302	21P10070	Master of Technology	in Fluid Mechanics and Heat Transfer	Monalisa Mondal	M	7.88
225	21ME4303	21P10072	Master of Technology	in Fluid Mechanics and Heat Transfer	Tharuneswar Reddy Mukka	M	8.52
226	21ME4304	21P10149	Master of Technology	in Fluid Mechanics and Heat Transfer	Bahuroju Dileep	M	8.64
227	21ME4305	21P10208	Master of Technology	in Fluid Mechanics and Heat Transfer	Sadasivuni Raghu Karthik	F	9.15
228	21ME4307	21P10397	Master of Technology	in Fluid Mechanics and Heat Transfer	Arnab Majee	M	7.22
229	21ME4308	21P10398	Master of Technology	in Fluid Mechanics and Heat Transfer	Protyush Kumar Mohanta	F	9.05
230	21ME4309	21P10399	Master of Technology	in Fluid Mechanics and Heat Transfer	Bijayalaxmi Mangaraj	M	8.55
231	21ME4310	21P10403	Master of Technology	in Fluid Mechanics and Heat Transfer	Anirban Mondal	M	7.52
232	21ME4311	21P10405	Master of Technology	in Fluid Mechanics and Heat Transfer	Arkya Gupta	M	8.04
233	21ME4312	21P10414	Master of Technology	in Fluid Mechanics and Heat Transfer	Abhishek Kumar Thakur	M	8.40
234	21ME4314	21P10423	Master of Technology	in Fluid Mechanics and Heat Transfer	Amiruzzahan Mondal	M	8.33
235	21MM4101	21P10060	Master of Technology	in Metallurgy and Materials Technology	Arindam Halder	M	8.63
236	21MM4102	21P10204	Master of Technology	in Metallurgy and Materials Technology	Sayantan Nandy	M	9.14
237	21MM4104	21P10304	Master of Technology	in Metallurgy and Materials Technology	Moumita Kundu	F	8.95



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCAATION

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
238	21MM4106	21P10407	Master of Technology	in Metallurgy and Materials Technology	Utkarshita Kaushal	F	8.82
239	21MM4107	21P10415	Master of Technology	in Metallurgy and Materials Technology	Rohit Kumar Yadav	M	8.68
240	21PH4101	21P10107	Master of Technology	in Advanced Materials Science and Technology	Arindam Majhi	M	8.89
241	21PH4102	21P10223	Master of Technology	in Advanced Materials Science and Technology	Mayukh Mandal	M	9.34
242	21PH4104	21P10385	Master of Technology	in Advanced Materials Science and Technology	Bholanath Maji	M	8.86
243	21PH4105	21P10413	Master of Technology	in Advanced Materials Science and Technology	Sumitro Dey	M	9.24
244	21BT4502	21P20093	Master of Science	in Life Sciences	Kirti Jyoti	F	8.39
245	21BT4503	21P20103	Master of Science	in Life Sciences	Saborni Biswas	F	9.13
246	21BT4504	21P20128	Master of Science	in Life Sciences	Bidisha Chakraborty	F	9.19
247	21BT4505	21P20133	Master of Science	in Life Sciences	Saurav Bonik	M	8.23
248	21BT4506	21P20141	Master of Science	in Life Sciences	Paramartha Banerjee	M	8.77
249	21BT4508	21P20185	Master of Science	in Life Sciences	Apurva Srivastava	F	8.00
250	21BT4510	21P20196	Master of Science	in Life Sciences	Sambit Mandi	M	7.89
251	21BT4511	21P20219	Master of Science	in Life Sciences	Ananya Ayaskant	M	8.98
252	21BT4512	21P20338	Master of Science	in Life Sciences	Preetham S Kumar	M	8.21
253	21BT4514	21P20375	Master of Science	in Life Sciences	Mohammad Ammar Yasir	M	8.20
254	21CY4501	21P20061	Master of Science	in Chemistry	MD Munzirul Islam	M	9.31
255	21CY4502	21P20127	Master of Science	in Chemistry	Monimala Das	F	8.18
256	21CY4503	21P20151	Master of Science	in Chemistry	Swastik Dash	M	8.71
257	21CY4504	21P20153	Master of Science	in Chemistry	Shradhaswarupa Biswal	F	9.26
258	21CY4505	21P20186	Master of Science	in Chemistry	Rahi Mahato	F	8.58
259	21CY4506	21P20191	Master of Science	in Chemistry	Sneha Chandra	F	9.22
260	21CY4507	21P20194	Master of Science	in Chemistry	Jangyeswar Bhutia	M	8.75
261	21CY4508	21P20199	Master of Science	in Chemistry	Koushik Barman	M	8.52
262	21CY4509	21P20203	Master of Science	in Chemistry	Joydeep Ray	M	8.56
263	21CY4510	21P20211	Master of Science	in Chemistry	Sunanda Maji	F	8.71
264	21CY4513	21P20230	Master of Science	in Chemistry	Ayush Kumar Jha	M	8.60
265	21CY4514	21P20233	Master of Science	in Chemistry	Sayan Khamaru	M	8.75
266	21CY4515	21P20234	Master of Science	in Chemistry	Omprakash Meher	M	9.10
267	21CY4516	21P20237	Master of Science	in Chemistry	Tanima Sahoo	F	8.90
268	21CY4517	21P20249	Master of Science	in Chemistry	Karishma	F	9.00
269	21CY4519	21P20265	Master of Science	in Chemistry	Sanjana Banerjee	F	8.82
270	21CY4520	21P20284	Master of Science	in Chemistry	Pankaj Prajapati	M	8.30
271	21CY4521	21P20288	Master of Science	in Chemistry	Ritwick Mallick	M	8.56
272	21CY4522	21P20294	Master of Science	in Chemistry	Avishek Gangopadhyay	M	8.79
273	21CY4523	21P20305	Master of Science	in Chemistry	Soumya Ranjana Sahoo	M	8.61
274	21CY4524	21P20330	Master of Science	in Chemistry	Sneha Mridha	F	8.93
275	21ES4501	21P20111	Master of Science	in Applied Geology and Geoinformatics	Rajesh Satpathy	M	7.76
276	21ES4502	21P20115	Master of Science	in Applied Geology and Geoinformatics	Sukalyan Roy	M	7.57
277	21ES4503	21P20116	Master of Science	in Applied Geology and Geoinformatics	Sushree Suman	F	8.20
278	21ES4504	21P20134	Master of Science	in Applied Geology and Geoinformatics	Chandan Kumar Das	M	7.75
279	21ES4505	21P20159	Master of Science	in Applied Geology and Geoinformatics	Pratilipi Beura	F	7.61
280	21ES4507	21P20198	Master of Science	in Applied Geology and Geoinformatics	Dibya Ranjan Sahoo	M	7.47



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCATION

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
281	21ES4508	21P20235	Master of Science	in Applied Geology and Geoinformatics	Abhilasha Gogoi	F	8.29
282	21ES4509	21P20242	Master of Science	in Applied Geology and Geoinformatics	Bindusmita Sahoo	F	8.10
283	21ES4511	21P20251	Master of Science	in Applied Geology and Geoinformatics	Dipti Agrawal	F	8.02
284	21ES4512	21P20256	Master of Science	in Applied Geology and Geoinformatics	Sushrita Dutta	F	8.94
285	21ES4513	21P20260	Master of Science	in Applied Geology and Geoinformatics	Shreyasi Mitra	F	8.68
286	21ES4515	21P20264	Master of Science	in Applied Geology and Geoinformatics	Sandipan Roy	M	7.01
287	21ES4516	21P20267	Master of Science	in Applied Geology and Geoinformatics	Sukanya Bhattacharya	F	8.26
288	21ES4517	21P20272	Master of Science	in Applied Geology and Geoinformatics	Adarsh Chandra Pati	M	7.34
289	21ES4518	21P20291	Master of Science	in Applied Geology and Geoinformatics	Hiranmayee Samal	F	7.48
290	21ES4519	21P20303	Master of Science	in Applied Geology and Geoinformatics	Amit Buda	M	6.92
291	21MA4501	21P20058	Master of Science	in Mathematics	Rudra Roy	M	9.20
292	21MA4502	21P20080	Master of Science	in Mathematics	Avijit Das	M	7.09
293	21MA4503	21P20081	Master of Science	in Mathematics	Sourav Panja	M	8.20
294	21MA4505	21P20090	Master of Science	in Mathematics	Miku Naik	M	8.28
295	21MA4506	21P20099	Master of Science	in Mathematics	Musharaf Hossain	M	8.63
296	21MA4507	21P20147	Master of Science	in Mathematics	Sujayan Gupta	M	8.46
297	21MA4508	21P20150	Master of Science	in Mathematics	Partha Chowdhury	M	7.54
298	21MA4509	21P20174	Master of Science	in Mathematics	Sanskriti Kumari	F	8.39
299	21MA4510	21P20182	Master of Science	in Mathematics	Angshuman Mahata	M	8.41
300	21MA4511	21P20201	Master of Science	in Mathematics	Sourav Patra	M	8.39
301	21MA4513	21P20205	Master of Science	in Mathematics	Subham Pal	M	7.98
302	21MA4514	21P20218	Master of Science	in Mathematics	Akshit Sharma	M	9.01
303	21MA4515	21P20254	Master of Science	in Mathematics	Subham Das	M	8.18
304	21MA4516	21P20255	Master of Science	in Mathematics	Manoj Kumar	M	8.73
305	21MA4517	21P20279	Master of Science	in Mathematics	Tanusree Mondal	F	8.57
306	21MA4518	21P20310	Master of Science	in Mathematics	Himanshu Sarkar	M	7.42
307	21MA4519	21P20311	Master of Science	in Mathematics	Baisakhi Pal	F	8.50
308	21MA4520	21P20327	Master of Science	in Mathematics	Niraj Kumar	M	8.00
309	21MA4521	21P20333	Master of Science	in Mathematics	Beauty Bhakta	F	8.32
310	21MA4522	21P20350	Master of Science	in Mathematics	Shaesta Azim	F	9.06
311	21MA4523	21P20380	Master of Science	in Mathematics	Girish Chandra Pradhan	M	7.99
312	21MA4524	21P20417	Master of Science	in Mathematics	Sathi Gharui	F	7.71
313	21PH4502	21P20101	Master of Science	in Physics	Mahe Taiba Hussain	F	8.16
314	21PH4503	21P20124	Master of Science	in Physics	Susanta Mandal	M	8.04
315	21PH4504	21P20125	Master of Science	in Physics	Tufan Mondal	M	7.80
316	21PH4505	21P20137	Master of Science	in Physics	Sayan Chakraborty	M	7.57
317	21PH4506	21P20144	Master of Science	in Physics	Soumyajyoti Kundu	M	9.12
318	21PH4507	21P20168	Master of Science	in Physics	Pratik Nandi	M	7.71
319	21PH4508	21P20175	Master of Science	in Physics	Debajyoti Roy	M	8.32
320	21PH4509	21P20176	Master of Science	in Physics	Ankita Palei	F	8.24
321	21PH4510	21P20179	Master of Science	in Physics	Saparja Roy	F	7.83
322	21PH4511	21P20222	Master of Science	in Physics	Prince Kumar	M	7.81
323	21PH4512	21P20232	Master of Science	in Physics	Pinaki Chatterjee	M	9.36
324	21PH4513	21P20244	Master of Science	in Physics	Chandan Kumar Nayak	M	8.16
325	21PH4514	21P20257	Master of Science	in Physics	Santanu Maity	M	8.14
326	21PH4515	21P20261	Master of Science	in Physics	Sohini Patra	F	8.86



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

LIST OF DEGREE RECIPIENTS - POST GRADUATE STUDIES

19TH CONVOCATION

Sl. No.	Roll No.	Reg. No.	Program	Specialization	Name	Gender	FINAL CGPA
327	21PH4519	21P20312	Master of Science	in Physics	Sucharita Sen	F	9.29
328	21PH4520	21P20320	Master of Science	in Physics	Srimanta Das	M	9.10
329	21PH4522	21P20368	Master of Science	in Physics	Ishee Prasad Kar	M	8.03
330	21MB4001	21P40001	Master of Business Administrations	(Major: Marketing, Minor: Systems and Operations Management)	Swagato Kishor Paul	M	7.84
331	21MB4005	21P40005	Master of Business Administrations	(Major: Human Resource Management and Organisational Behaviour, Minor: Systems and Operations Management)	Pranjali Nina Tayade	F	7.51
332	21MB4006	21P40006	Master of Business Administrations	(Major: Finance, Minor: Systems and Operations Management)	Bishal Das	M	8.43
333	21MB4008	21P40009	Master of Business Administrations	(Major: Systems and Operations Management, Minor: Marketing)	Koustav Roy	M	8.56
334	21MB4009	21P40010	Master of Business Administrations	(Major: Finance, Minor: Human Resource Management and Organisational Behaviour)	Divya Kumari	F	7.98
335	21MB4010	21P40011	Master of Business Administrations	(Major: Human Resource Management and Organisational Behaviour, Minor: Marketing)	Deveena Dey	F	7.88
336	21MB4011	21P40012	Master of Business Administrations	(Major: Human Resource Management and Organisational Behaviour, Minor: Systems and Operations Management)	Syed Sarah Tasnim	F	7.67
337	21MB4012	21P40013	Master of Business Administrations	(Major: Marketing, Minor: Finance)	Seema Yadav	F	7.13
338	21MB4013	21P40014	Master of Business Administrations	(Major: Human Resource Management and Organisational Behaviour, Minor: Marketing)	Shaniya Sheetal	F	7.59
339	21MB4014	21P40015	Master of Business Administrations	(Major: Human Resource Management and Organisational Behaviour, Minor: Marketing)	Ummay Bushra Khanam	F	8.13
340	21MB4015	21P40016	Master of Business Administrations	(Major: Finance, Minor: Systems and Operations Management)	Sohini Sen	F	8.08
341	21MB4016	21P40017	Master of Business Administrations	(Major: Marketing, Minor: Systems and Operations Management)	Bholanath Nandi	M	7.25
342	21MB4017	21P40018	Master of Business Administrations	(Major: Marketing, Minor: Systems and Operations Management)	Sandip Ray	M	7.91
343	21MB4020	21P40024	Master of Business Administrations	(Major: Finance, Minor: Systems and Operations Management)	Parisha Rana	F	7.46
344	21MB4021	21P40027	Master of Business Administrations	(Major: Marketing, Minor: Finance)	Arka Kundu	M	7.71
345	21MB4023	21P40030	Master of Business Administrations	(Major: Systems and Operations Management, Minor: Marketing)	Deep Kundu	M	7.78
346	21MB4025	21P40032	Master of Business Administrations	(Major: Human Resource Management and Organisational Behaviour, Minor: Marketing)	Saswati Satpathy	F	7.48
347	21HS4001	21P20007	Master of Social Work		Soumya Mukherjee	M	8.64
348	21HS4002	21P20020	Master of Social Work		Madhurima Baksi	F	8.60
349	21HS4004	21P20023	Master of Social Work		Aaradhya Boruah	F	9.06
350	21HS4005	21P20025	Master of Social Work		Shreyasee Kundu	F	9.32
351	21HS4006	21P20026	Master of Social Work		Durba Singha	F	8.12
352	21HS4007	21P20029	Master of Social Work		Atreyee Banerjee	F	9.08

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

19TH CONVOCATION


Annexure - 71.3.3

SL. NO.	Roll No.	Registration No.	Name of the Department	Name of the Student	Gender	Title of the Thesis	Date of Defense Seminar
1	17MA1103	NITD/PhD/MA/2018/01051	Mathematics	Sourav Mondal	M	Study of Some Graph Invariants and Their Applications	02.11.2022
2	15ME1107	NITD/PhD/ME/2017/00968	Mechanical Engineering	Praveen Sharma	M	Experimental and Numerical Study of Vibration and Stability Analysis of Rotating Shaft using Bearings and Lubricants	14.11.2022
3	14ECE1508	NITD/PhD/EC/2017/00894	Electronics and Communication Engineering	Anirban Chattopadhyay	M	Statistical signal processing based reconnaissance to explore the kinematics of Coronal Mass Ejection & its impact on Earth	14.11.2022
4	16CY1102	NITD/PhD/CY/2018/01000	Chemistry	Sanjoy Satpati	M	Anti-corrosive activity of Schiff bases involving biomolecules towards mild steel in hydrochloric acid medium	17.11.2022
5	16BT1102	NITD/PhD/BT/2018/01042	Biotechnology	Indrani Paul	F	Studies on bacterial delignification and biosurfactant production	12.12.2022
6	17PH1106	19RPH001	Physics	Swagata Biswas	F	Possible Signatures of New Physics in Rare Decays of b Hadrons in the Framework of Non-Universal Z' Model	04.01.2023
7	16BT1101	NITD/PhD/BT/2018/01031	Biotechnology	Priyanka Sarkar	F	Studies on biodegradation of 4-Nitrophenol by a bacterial consortium isolated from a pesticide contaminated agricultural soil	17.01.2023
8	12EE1510	20REE006	Electrical Engineering	Pullabhatla Srikanth	M	Integrated Intelligent System for Recognition and Location of Power Quality Problems in an Interconnected Power Systems	17.01.2023
9	15HS1504	NITD/PhD/HS/2016/00832	Humanities and Social Sciences	Gautam Mazumdar	M	Impact Assessment of Community Institution Model for promotion of Rural Micro Enterprises under NRLM Pilot Scheme- Start-Up Village Entrepreneurship Program (SVEP), India	20.01.2023
10	17CY1102	NITD/PhD/CY/2018/01068	Chemistry	Saikat Mishra	M	Biological Relevance and Reactivity of Cu(II/I) Complexes Supported by N,S Donor Ligands	27.01.2023
11	15CA1503	NITD/PhD/CS/2017/00969	Computer Science and Engineering	Pijush Kanti Dutta Pramanik	M	Sustainable Computing with Mobile Crowd Computing	30.01.2023
12	16PH1304	NITD/PhD/PH/2017/00844	Physics	Mahadeb Pal	M	Theoretical study of some properties of finite nuclei and core-crust transition density of neutron stars with finite range effective interaction	08.02.2023
13	18EE1501	20REE0016	Electrical Engineering	Meheeb Alam	M	Novel Algorithms of Line Outage Detection Using Synchrophasor Measurements	13.02.2023
14	16CE1302	NITD/PhD/CE/2017/00887	Civil Engineering	Shyamal Kumar Dutta Mazumdar	M	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	13.02.2023
15	16EC1103A	NITD/PhD/EC/2018/00998	Electronics and Communication Engineering	Partha Das	M	Dielectric Engineering on GaN for High Electron Mobility Transistors	15.02.2023
16	16BT1301	NITD/PhD/BT/2018/01032	Biotechnology	Subhasree Majumdar	F	Studies on Bacterial Secondary Metabolites: Low-cost Production, Applications and Toxicity in Animal System	17.02.2023
17	16EC1101	NITD/PhD/EC/2018/01069	Electronics and Communication Engineering	Anjan Bandyopadhyay	M	Studies on Reconfigurable Multiband and Wideband Microwave Bandpass Filters	20.02.2023
18	18CH1101	20RCH004	Chemical Engineering	Sumona Show	F	Comparative Assessment of Ibuprofen Removal through Biosorption and Bioremediation Technique	20.02.2023
19	17EC1103	20REC013	Electronics and Communication Engineering	Argha Deep Paul	M	Resistive Memory Devices based on Al doped HfOx for Flexible Electronics Applications	21.02.2023
20	14ECE1514	NITD/PhD/EC/2016/00745	Electronics and Communication Engineering	Himangshu Pal	M	Natural Cellulosic Graphene: Synthesis, Characterization and Electro Chemistry Application	01.03.2023
21	17PH1102	NITD/PhD/PH/2018/01072	Physics	Tuli Chatterjee	F	Structural, microstructural and electrical characterizations of some metal-hydroxyapatite nanocomposites based bioceramics developed by chemical and green synthesis routes	29.03.2023
22	16CH1502	NITD/PhD/CH/2018/01009	Chemical Engineering	Anjali K. P.	F	Seaweed Mediated Synthesis of Nanoparticles: Its Characterization and Application	29.03.2023
23	12CSE1103	NITD/PhD/CS/2015/00672	Computer Science and Engineering	Deepa Naik	F	Studies in optical and wireless networks	06.04.2023
24	15HSS1103	NITD/PhD/HSS/2017/00855	Humanities and Social Sciences	Asoke Howlader	M	The Spectrum of Global Concerns in the Light of Glocalization: A Study in the Select Plays of Mahesh Dattani	11.04.2023
25	16ME1304	NITD/PhD/ME/2018/01029	Mechanical Engineering	Aman Arora	M	Development and Modelling of Low Pressure Actuated Pneumatic Artificial Muscle for Assistive Applications	12.04.2023
26	15CHE1507	NITD/PhD/CH/2015/00649	Chemical Engineering	M. J. Varghese	M	Removal of Organic Pollutants from Seawater using Solar Nano Photocatalysts	13.04.2023
27	18CE1510	20RCE057	Civil Engineering	Sudha Das Khan	F	Fuzzy Logic-based Condition Assessment and Ranking of Reinforced Concrete Bridges: A Study	19.04.2023
28	19MA1501	20RMA044	Mathematics	Prasanta Kumar Ghosh	M	Modelling of Some Green and Sustainable Supply Chain Problems under Different Payment Strategies	20.04.2023
29	15EE1502	NITD/PhD/EE/2016/00781	Electrical Engineering	Kingsuk Majumdar	M	Enhancement of ATC for Integrated Power System Incorporating UPFC and Renewable Energy Sources	20.04.2023
30	18PH1502	20RPH0024	Physics	Sanjib Mondal	M	Studies on metal nanoparticles covered Erbium doped TiO2 thin film based plasmonic Photodetectors	26.04.2023
31	13CHE1501	NITD/PhD/ChE/2015/00591	Chemical Engineering	Sabyasachi Pramanik	M	Adsorptive Removal of Cyanide and Phenol from Wastewater	26.04.2023

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

19TH CONVOCATION

SL. NO.	Roll No.	Registration No.	Name of the Department	Name of the Student	Gender	Title of the Thesis	Date of Defense Seminar
32	17MS1101	19RMS016	Management Studies	Sayan Gupta	M	A Comprehensive Soft-Computing Approach for Construction of Conservative Portfolio in Indian Equity Market	16.05.2023
33	16MS1302	NITD/PhD/MS/2017/00914	Management Studies	Sanjib Biswas	M	Empirical Inference of Investment Decision Making from Operations Research Context: An Insight of FMCG and Consumer Durable Sectors in India	24.05.2023
34	16MS1304	NITD/PhD/MS/2017/00966	Management Studies	Dipanita Deb	F	The Impact of Corporate Social Responsibility on the Financial Performance of Corporates: An International Evidence	24.05.2023
35	16EC1102	NITD/PhD/EC/2018/01011	Electronics and Communication Engineering	Sanjukta Mandal	F	Studies on Designing On-chip Antennas in Silicon IC for Short Range Communication	12.06.2023
36	17ME1102	NITD/PhD/ME/2018/01085	Mechanical Engineering	Bishwajit Sharma	M	Fluid Flow and Convective Heat Transfer past a Slotted Circular Cylinder	13.06.2023
37	16EC1102	NITD/PhD/EC/2018/01058	Electronics and Communication Engineering	Sujoy Mandal	M	Studies on Sideband Radiation Characteristics towards Improving Time-Modulated Antenna Array Performances	21.06.2023
38	17CH1103	NITD/PhD/CH/2018/01055	Chemical Engineering	Meenakshi Malhotra	F	Development of Sustainable Membrane-Based Technologies for Selenium Abatement Towards Reutilization from Aqueous System	23.06.2023
39	19CY1101	20RCY039	Chemistry	Aditya Suhasaria	M	Corrosion inhibition of mild steel in aqueous HCl medium by benzothiazole derivatives: structure reactivity correlation study	28.06.2023
40	17CS1101	NITD/PhD/CS/2018/01075	Computer Science and Engineering	Anindan Mondal	M	Hardware Trojan: Analysis of Attacks and Detection in the Context of Hardware Security	12.07.2023
41	19CY1501	20RCY069	Chemistry	Subhabrata Mabhai	M	Azo-linked CHEF-PET regulated 'turn-on' molecular probe for metal ion sensing	17.07.2023
42	17PH1107	19RPH008	Physics	Piyali Chatterjee	F	Bimetallic Oxide Nanostructures for Photoelectrochemical Water Splitting and Photocatalytic Dye Degradation	21.07.2023
43	12EE1101	NITD/PhD/EE/2013/00407	Electrical Engineering	Sambaran Ray	M	Performance Analysis and Assessment of Capacitance Requirement of Self-Excited Induction Generator	21.07.2023
44	17CS1102	NITD/PhD/CS/2018/01079	Computer Science and Engineering	Samridhhi Sarkar	F	Coalition Formation in Multi-agent Systems	04.08.2023
45	17PH1108	NITD/PhD/PH/2018/01071	Physics	Shubhadip Atta	M	Development and characterization of rare-earth doped ferrite-polymer nanocomposite films for dielectric and magneto-dielectric behaviour	11.08.2023
46	19CY1104	20RCY060	Chemistry	Saikat Mandal	M	Bioactivity and anticancer property of Pt(II) & Pd(II) complexes of different bidentate chelates: their DNA/BSA binding, molecular docking and theoretical aspects	01.09.2023
47	14EE1103	NITD/PhD/EE/2015/00661	Electrical Engineering	Biswaranjan Mishra	M	Novel Solution Approaches of Power Systems Static and Dynamic State Estimation with Optimal Placement of PMUs	18.09.2023
48	16CH1102	NITD/PhD/CH/2017/00924	Chemical Engineering	Payel Mondal	F	Ethanol Production from Waste Starchy Biomass and its Utilization	20.09.2023
49	17EE1104	19REE047	Electrical Engineering	Anitha Bhukya	F	Detection and Localization of Partial Discharge Sources in Air-insulated Substations using UHF Sensors	10.10.2023
50	15MME1105	NITD/PhD/MME/2017/00842	Metallurgical and Materials Engineering	Arvind Kumar Jaiswal	M	Low-Cost Synthesis and Characterization of Boron Nitride Reinforced Aluminium Based Metal Matrix Composite	03.11.2023
51	14CHE1502	NITD/PhD/ChE/2014/00539	Chemical Engineering	Tanushree Ghosh	F	Studies on Carbon dioxide Physisorption Behaviour of Zeolite Granules during Pneumatic Transport in Converging and Uniform Risers	28.11.2023
52	16MS1306	NITD/PhD/MS/2017/00987	Management Studies	Amrita Bhattacharya	F	An Investigation on the Retail Investor Behaviour in Urban West Bengal: Influence of Demographic Profile	05.12.2023
53	16MA1504	NITD/PhD/MA/2016/00827	Mathematics	Partha Parichha	M	Development of Effective Estimation Strategies for Population Parameters in Sample Surveys	06.12.2023

 NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR 19TH CONVOCATION LIST OF B.TECH INSTITUTE GOLD MEDAL RECIPIENTS							
SI No	Roll No	Reg. No.	Awards	to	in recognition of being First in	in	FINAL CGPA
1	19BT8005	19U10247	Institute Gold Medal	Chowla Venkata Baby Shalini	Bachelor of Technology in	Biotechnology	8.85
2	19CE8043	19U10567	Institute Gold Medal	Meenakshi Harikumar	Bachelor of Technology in	Civil Engineering	9.19
3	19CH8005	19U10046	Institute Gold Medal	Rohit Ray	Bachelor of Technology in	Chemical Engineering	9.32
4	19CS8037	19U10120	Institute Gold Medal	Abha Jha	Bachelor of Technology in	Computer Science and Engineering	9.72
5	19EC8039	19U10330	Institute Gold Medal	Mukesh Barnwal	Bachelor of Technology in	Electronics and Communication Engineering	9.26
6	19EE8068	19U10566	Institute Gold Medal	Sohini Bhattacharya	Bachelor of Technology in	Electrical Engineering	9.58
7	19ME8111	19U10484	Institute Gold Medal	Sukrity Ghosh	Bachelor of Technology in	Mechanical Engineering	9.38
8	19MM8029	19U10517	Institute Gold Medal	Ramyani Raha	Bachelor of Technology in	Metallurgical and Materials Engineering	9.22

Admix.

anti.

Palab

Pik der

sun

Ram Date PP. (38/4)



**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
INDIA**

19TH CONVOCATION

LIST OF DUAL DEGREE AND INTEGRATED M.Sc INSTITUTE GOLD MEDAL RECIPIENTS

Sl No	Roll No	Reg. No.	Awards	to	in recognition of being First in	in	Final CGPA
1	18BT1004	18U10669	Institute Gold Medal	Sauma Suvra Majumdar	Master of Technology (under Dual Degree program) in	Biotechnology	8.79
2	18CH1002	18U10097	Institute Gold Medal	Swagata Laxmi Sengupta	Master of Technology (under Dual Degree program) in	Chemical Engineering	8.56
3	18CY1004	18U10508	Institute Gold Medal	Kasu Jyothirlatha Venkata Nageswari	Integrated Master of Science in	Chemistry	8.68

ADIK.

Prabhat
dm
hm
Rajm
Bikder



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

19TH CONVOCATION

LIST OF INSTITUTE GOLD MEDAL RECIPIENTS OF POST GRADUATE PROGRAMME

Sl. No.	Regn. No.	Roll No.	Awards	to	for securing the First position in	in	Final CGPA
1	21P10190	21BT4109	Institute Gold Medal	Sanjukta Banerjee	Master of Technology	Biotechnology	9.41
2	21P10071	21CE4104	Institute Gold Medal	Kumbla Anupa Nayak	Master of Technology	Structural Engineering	9.35
3	21P10082	21CE4205	Institute Gold Medal	Shalu Roy	Master of Technology	Geotechnical Engineering	9.1
4	21P10412	21CH4105	Institute Gold Medal	Aratrika Roy Chowdhury	Master of Technology	Chemical Engineering	9.75
5	21P10392	21CH4202	Institute Gold Medal	Asha Rani Patra	Master of Technology	Energy Resources and Sustainable Environmental Engineering	9.26
6	21P10078	21CS4105	Institute Gold Medal	MD. Tousin Akhter	Master of Technology	Computer Science and Engineering	9.32
7	21P10065	21EC4102	Institute Gold Medal	Vedula Kiran Bharadwaj	Master of Technology	Telecommunication Engineering	9.57
8	21P10214	21EC4208	Institute Gold Medal	Mohit Rawat	Master of Technology	Microelectronics and VLSI	9.77
9	21P10178	21EE4107	Institute Gold Medal	Ishan Chakraborty	Master of Technology	Power Systems	9.14
10	21P10383	21EE4219	Institute Gold Medal	Prarambhik Sur	Master of Technology	Power Electronics and Machine Drives	9.52
11	21P10416	21EE4310	Institute Gold Medal	Mirza Seraj Baig	Master of Technology	Instrumentation and Control	9.33
12	21P10373	21ES4115	Institute Gold Medal	Pinaki Hazra	Master of Technology	Environmental Science and Technology	9.03
13	21P10336	21MA4109	Institute Gold Medal	Ishani Ray	Master of Technology	Operations Research	9.69
14	21P10316	21ME4112	Institute Gold Medal	Dibyendu Khan	Master of Technology	Machine Design	8.79



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

19TH CONVOCATION

LIST OF INSTITUTE GOLD MEDAL RECIPIENTS OF POST GRADUATE PROGRAMME

Sl. No.	Regn. No.	Roll No.	Awards	to	for securing the First position in	in	Final CGPA
15	21P10326	21ME4211	Institute Gold Medal	Jinmay Kalita	Master of Technology	Thermal Engineering	9.22
16	21P10208	21ME4305	Institute Gold Medal	Sadasivuni Raghu Karthik	Master of Technology	Fluid Mechanics and Heat Transfer	9.15
17	21P10204	21MM4102	Institute Gold Medal	Sayantan Nandy	Master of Technology	Metallurgy and Materials Technology	9.14
18	21P10223	21PH4102	Institute Gold Medal	Mayukh Mandal	Master of Technology	Advanced Materials Science and Technology	9.34
19	21P20128	21BT4504	Institute Gold Medal	Bidisha Chakraborty	Master of Science	Life Sciences	9.19
20	21P20061	21CY4501	Institute Gold Medal	Md Munzirul Islam	Master of Science	Chemistry	9.31
21	21P20256	21ES4512	Institute Gold Medal	Sushrita Dutta	Master of Science	Applied Geology and Geoinformatics	8.94
22	21P20058	21MA4501	Institute Gold Medal	Rudra Roy	Master of Science	Mathematics	9.2
23	21P20232	21PH4512	Institute Gold Medal	Pinaki Chatterjee	Master of Science	Physics	9.36
24	21P40009	21MB4008	Institute Gold Medal	Koustav Roy	Master of Business Administrations		8.56
25	21P20025	21HS4005	Institute Gold Medal	Shreyasee Kundu	Master of Social Work		9.32

Prabhat

Bikash

Rkumar

Amu

Amu

Amu

Amu

Amu

Amu



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

19TH CONVOCATION

LIST OF ENDOWMENT GOLD MEDAL RECIPIENTS

Sl No	Roll No	Reg. No.	hereby awards	to		Final CGPA
1	19CS8037	19U10120	D. V. Sitabai Memorial Gold Medal	Abha Jha	for securing highest CGPA in Bachelor of Technology in the academic session ending in June 2023	9.72
2	19CS8037	19U10120	Parpatidevi Chandumal Memorial Gold Medal	Abha Jha	for scholastic excellence amount girl students in Bachelor of Technology in the academic session ending in June 2023	9.72
3	19MM8029	19U10517	Smt. Tarulata Sinha Memorial Gold Medal	Ramyani Raha	for securing highest CGPA in Bachelor of Technology in Metallurgical and Materials Engineering in the academic session ending in June 2023	9.22
4	21P20232	21PH4512	Prof. M. S. Sinha Memorial Gold Medal (highest CGPA in Physics)	Pinaki Chatterjee	for securing highest CGPA in Master of Science in Physics in the academic session ending in June 2023	9.36

Amir

Shalata

[Signature]

[Signature]

[Signature]

Sikder

[Signature]

pp. 36

[Signature]



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

19TH CONVOCATION

RECIPIENTS OF BEST PROJECTS

Sl No	Roll No	Reg. No.	hereby awards	to	Title of the Project
1	19CE8012	19U10239	Best Project in Bachelor of Technology Program	Sagnik Datta	A Comparative Study On The Performance of Acoustic Emission Sensors for Damage Localization In Rail Section Through the Development of Artificial Intelligence Model
2	21PH4105	21P10413	Best Project in Master of Technology Program	Sumitro Dey	Target-based Drug Discovery by Structural Modification of Nimesulide: Computational Exploration on the Inflammation Pathway

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Academic Section

Annexure - 71.5.1

Date: 21.08.2023

Minutes of the meeting of UGAC and PGAC held jointly on 21.08.2023 (Monday) at 04.30 pm at the meeting room of the academic section.

The Chairman welcomed the members to the meeting.

The agenda items were placed for discussion.

Item # 1 To confirm the minutes of the meeting of the UGAC and PGAC held on 27.06.2023.

The minutes of the meeting of the UGAC and PGAC held on 27.06.2023 are confirmed as no comments are received from the members of UGAC.

Item # 2 To ratify published results of 8th semester B.Tech. special backlog examinations 2022-2023.

Results which were published on 05.07.2023 after endorsement from the members of the UGAC through are ratified.

Item # 3 To consider the results of the even semester supplementary examination 2022-2023 (other than final semester).

The results are endorsed and recommended by the UGAC and PGAC for publication with the approval from the competent authority.

Item # 4 To consider the appeal of the students who wants to withdraw from the Institute.

Name / Regn. No.	Program / Department	Reasons of withdrawal
PRIYAM MANDAL, 22U10729	B.TECH / CSE	NOT MENTIONED
SAUPARNA KAR, 22U10831	B.TECH / EE	ADMISSION IN INDIAN STATISTICAL INSTITUTE
LAKHAN DANGI, 22U10593	B.TECH / CE	ADMISSION IN OTHER INSTITUTE
DEBOSMITA MISRA, 23P40024	MBA	NOT MENTIONED
DIBYA DEY, 22P20244	M.Sc / EES (APP. GEO. & GEOINFO.)	POOR HEALTH CONDITION
CHANDRASHEKAR LAVDYAVATH, 22U10250	B.TECH / ME	ADMISSION IN IIT KANPUR
SWAPAN KUMAR, 22P10372	M.TECH / ECE (NGCN)	NOT MENTIONED
SYED AAMIR SULTAN, 22P10153	M.TECH / ME (MD)	ADMISSION IN IIT
PRIYADIP GHOSAL, 22U10117	B.TECH / ME	ADMISSION IN MEDICAL COLLEGE

The matter of withdrawal by the students is accepted. The Institute fee and Hostel fee including caution deposit paid by the student will not be refunded.

Further caution deposit will be refunded only when the registered student gets his / her Degree in Convocation.

However, no refund will be admissible to the candidates, who do not take admission to the Institute after final allotment of seats through centralized counselling such as CCMT, CCMN, CSAB, JoSAA, etc. Entire amount paid by such candidates during the counselling process and admission process will not be refunded.

- Item # 5** To consider the matter of students who appealed for an exemption of backlog examination due to measures taken for adopting unfair means.
- The matter is not considered by the UGAC.
- Item # 6** To consider the matter of Taniya Mukherjee (Regn. No. 21U10408 – B.Tech program – Mechanical Engineering) regarding withdrawal from Minor program.
- The matter is recommended for approval.
- Item # 7** To consider the matter of Neera Kumari (Regn. No. 22P10170 – M.Tech program – CSE) regarding conversion from regular M.Tech program to off campus mode of M.Tech program.
- The matter is recommended for approval as the student may be allowed to complete her programme within 06 semesters and subject to prior submission of a NoC from the employer and no dues certificates from the department / library / hostel.
- Item # 8** To consider an application of Rohit Kumar (Regn. No. 22U10865 – B.Tech program – Chemical Engineering) regarding readmission in first year 2023-2024.
- The matter is recommended for approval.
- Item # 9** To consider the matter of the DPAC of the department of Biotechnology dated 03.08.2023 regarding the nomenclature of the degree.
- Resolved that the degree nomenclature for the 1st and 2nd semesters will be Master of Sciences in Life Sciences and the same for the 3rd and 4th semesters will be Master of Sciences in Life Sciences with specialization in Microbial Biotechnology or Master of Sciences in Life Sciences with specialization in Plant & Animal Biotechnology, respectively, for the students of two different specializations of the programme.
- Item # 10** To consider the matter of Sonam Gyeltshen (Roll No. 21CS8003, Regn. No. 21U10012 – ICCR nominated student from Bhutan) regarding medical leave for couple of months.
- The matter is discussed in detail in the light of the provisions of UG regulations Clause 10.0 – Attendance. Appeal of the student regarding medical leave for couple of months duly forwarded by the Govt. of Bhutan and Govt. of India / ICCR enclosed with a medical certificate may be considered as per the clauses of the regulations.
- Item # 11** To consider the matter of Diptesh Mondal (Roll No. 22B80135, Regn. No. 22U10540) as reported against in the Even semester supplementary examination 2022-2023 in the subject of Environmental Science (ESC01).
- The examination disciplinary committee recommended that the examination paper will be treated as cancelled and the student may be allowed to appear for a backlog paper with a decrease of two letter grades but not below P in the successful attempt to clear the course. The UGAC endorsed the recommendation of the examination disciplinary committee.

The meeting ended with vote of thanks to the Chairman.


Dean (Academic Courses)
National Institute of Technology
Durgapur-713209 India

Dean (Academic Courses)

Date: 21.08.2023

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Meeting of UGAC and PGAC to be held jointly on 21.08.2023 (Monday) at 04.30 pm

Name of the faculty	Department	Signature
A.B.Puri	Mech. Engg. Dept.	A.Puri
Suchismita Roy	Dean (FW)	Suchismita Roy
Tanmay De.	HOD-CSE	T-De
Debjani Dutta	HOD-BT	Debjani
Kalyan Ashiqani	HOD-EEC	Kalyan Ashiqani 21/8/2023
Sankar Ch. Moi	HOD, Chemistry	Sankar Ch. Moi 21/08/23
Lakshmi Kanta Dey	HOD, Mathematics	Lakshmi Kanta Dey 21/8/23
S. Roy Sreeman	Assoc. Dean (A/E)	S. Roy Sreeman
D. Das	HOD, CE	D. Das
S. H. Mahato	HOD, EE	S. H. Mahato
S. Bera	HOD, MME	S. Bera
M.K. Mandal	HOD, Physics	M.K. Mandal 21/8/23
D. MANDAL	HOD, ECE	D. MANDAL 22/8/23
Jaya Sikder	CAF, HOD	Jaya Sikder 21.08.23



Dhrubajyoti Ray <draca@admin.nitdgp.ac.in>

Fwd: DPAC resolution regarding degree nomenclature

1 message

Dean (Academic Courses) <deanac@admin.nitdgp.ac.in>
To: Dhrubajyoti Ray <draca@admin.nitdgp.ac.in>

Thu, Aug 10, 2023 at 6:50 PM

For discussion in next PGAC

Dr. Nirmal Baran Hui
Professor, Mechanical Engineering &
Dean (Academic Courses)
National Institute of Technology Durgapur
Mahatma Gandhi Avenue, Durgapur - 713209, INDIA
Phone No.: +91-343-2752017
Email: deanac@admin.nitdgp.ac.in
Website: www.nitdgp.ac.in

----- Forwarded message -----

From: **Head, Biotechnology Department, NIT Durgapur** <hod@bt.nitdgp.ac.in>
Date: Thu, Aug 10, 2023 at 4:23 PM
Subject: DPAC resolution regarding degree nomenclature
To: Dean Academic Courses <deanac@admin.nitdgp.ac.in>
Cc: Sudit Sekhar Mukhopadhyay <sudit.mukhopadhyay@bt.nitdgp.ac.in>

Dear Sir,
Please find attached with this mail the resolutions regarding the degree nomenclature of the DBT sponsored M. Sc life science program.
Thanking you,
Regards,
Debjani

--
Debjani Dutta, PhD
Associate Professor & Head
Department of Biotechnology
National Institute of Technology Durgapur
Mahatma Gandhi Avenue
Durgapur 713209, India










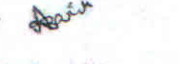



 DPAC.03.08.2023.pdf
759K

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
DEPARTMENT OF BIOTECHNOLOGY

Date: August 3, 2023

Minutes of the Departmental Postgraduate Academic Committee (DPAC) meeting held on August 3, 2023 in the office of the HOD, Department of Biotechnology at 4:00 PM.

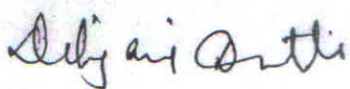
The following members were present in the meeting:

- | | |
|------------------------------------|--|
| 1. Dr. Debjani Dutta | Chairperson -  |
| 2. Prof. Sudip Chattopadhyay | Member  |
| 3. Prof. Sudit Sekhar Mukhopadhyay | Member  |
| 4. Prof. Kaustav Aikat | Member  |
| 5. Prof. Dalia Dasgupta Mandal | Member  |
| 6. Dr. Kazy Sufia Khannam | Member  |
| 7. Dr. Monidipa Ghosh | Member  |
| 8. Dr. Subhankar Roy Barman | Member -  |
| 9. Dr. Sougata Saha | Member -  |
| 10. Dr. Debojyoti De | Member -  |
| 11. Dr. Amita Barik | Member  |
| 12. Dr. Nibedita Mahata | PG (M.Tech.) Coordinator  |
| 13. Dr. Ashish Bhattacharjee | PG (M.Sc.) Coordinator  |

The faculty members discussed the degree nomenclature for the DBT Sponsored M.Sc. Life Sciences programme with Specialization in Microbial Biotechnology / Plant & Animal Biotechnology and the following resolution was taken.

The degree nomenclature for the 1st and 2nd semesters will be **Master of Sciences in Life Sciences** and the same for the 3rd and 4th semesters will be **Master of Sciences in Life Sciences with specialization in Microbial Biotechnology OR Master of Sciences in Life Sciences with specialization in Plant & Animal Biotechnology**, respectively, for the students of two different specializations of the programme.

The meeting ended with thanks to the Chair.



Dr. Debjani Dutta

Chairperson


Department of Biotechnology



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur - 713 209,
WEST BENGAL, INDIA

GRADE CARD

Program : 4-Year B.TECH in COMPUTER SCIENCE AND ENGINEERING		Semester : FIRST	Session : 2021-2022	
Name : SONAM GYELTSHEN		Roll No. : 21B80002		Reg No. : 21U10012
Discipline : COMPUTER SCIENCE AND ENGINEERING		Examination held in : MARCH 2022		
		Result Published on : APRIL 27, 2022		
Course Code	Course Name	Credit Unit	Grade	Grade Point
CYC01	ENGINEERING CHEMISTRY	3.0	B	24.0
ESC01	ENVIRONMENTAL SCIENCE	2.0	D	12.0
MAC01	MATHEMATICS - I	4.0	A	36.0
PHC01	ENGINEERING PHYSICS	3.0	D	18.0
XEC01	ENGINEERING MECHANICS	3.0	D	18.0
CYS51	CHEMISTRY LABORATORY	1.0	B	8.0
HSS51	PROFESSIONAL COMMUNICATION LABORATORY	2.0	A	18.0
PHS51	PHYSICS LABORATORY	1.0	B	8.0
WSS51	WORKSHOP PRACTICE	1.5	A	13.5
XES51	ENGINEERING GRAPHICS	2.5	B	20.0
XXS51	CO-CURRICULAR ACTIVITIES - I	1.0	A	9.0
Total Grade Point (TGP) :		184.5	Remarks	
Semester Grade Point Average (SGPA) :		7.69	PASSED	
Cumulative Grade Point Average (CGPA) :		7.69		
MEDIUM OF INSTRUCTION & EVALUATION: ENGLISH				
7-SCALE GRADE SYSTEM: (EX) = 10, (A) = 9, (B) = 8, (C) = 7, (D) = 6, (P) = 5, (F) = 0				
GRADE POINT PER COURSE = Assigned Credits X Grade Obtained				
AUDIT COURSE(S)		PERFORMANCE		
Grade Card No.: BU/RO/21/3614				
Date of issue : 02.05.2022		Checked by: 		



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur - 713 209,
WEST BENGAL, INDIA

GRADE CARD

Program : 4-Year B.TECH in COMPUTER SCIENCE AND ENGINEERING		Semester : SECOND	Session : 2021-2022	
Name : SONAM GYELTSHEN		Roll No. : 21B80002		
Discipline : COMPUTER SCIENCE AND ENGINEERING		Reg No. : 21U10012		
Examination held in : AUGUST 2022		Result Published on : AUG 31, 2022		
Course Code	Course Name	Credit Unit	Grade	Grade Point
BTC01	LIFE SCIENCE	2.0	B	16.0
CSC01	INTRODUCTION TO COMPUTING	3.0	D	18.0
ECC01	BASIC ELECTRONICS	3.0	P	15.0
EEC01	ELECTRICAL TECHNOLOGY	3.0	P	15.0
MAC 02	MATHEMATICS - II	4.0	P	20.0
XXC01	THE CONSTITUTION OF INDIA AND CIVIC NORMS	1.0	A	9.0
CSS51	COMPUTING LABORATORY	1.0	D	6.0
ECS51	BASIC ELECTRONICS LABORATORY	1.0	A	9.0
EES51	ELECTRICAL TECHNOLOGY LABORATORY	1.0	A	9.0
XES52	GRAPHICAL ANALYSIS USING CAD	1.0	B	8.0
XXS52	CO-CURRICULAR ACTIVITIES - II	1.0	A	9.0
Total Grade Point (TGP) :		134.0	Remarks	
Semester Grade Point Average (SGPA) :		6.38	PASSED	
Cumulative Grade Point Average (CGPA) :		7.08		
MEDIUM OF INSTRUCTION & EVALUATION: ENGLISH				
7-SCALE GRADE SYSTEM: (EX) = 10, (A) = 9, (B) = 8, (C) = 7, (D) = 6, (P) = 5, (F) = 0				
GRADE POINT PER COURSE = Assigned Credits X Grade Obtained				
AUDIT COURSE(S)		PERFORMANCE		
Grade Card No.: BU/SE/21/3325				
Date of issue : 01-09-2022		Checked by		Joint Registrar (A & E)



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur - 713 209,
WEST BENGAL, INDIA

GRADE CARD

Program : 4-Year B.TECH in COMPUTER SCIENCE AND ENGINEERING		Semester : SECOND	Session : 2021-2022	
Name : SONAM GYELTSHEN		Roll No. : 21B80002		Reg No. : 21U10012
Discipline : COMPUTER SCIENCE AND ENGINEERING		Result Published on : JULY 29, 2022		
Examination held in : JULY 2022				
Course Code	Course Name	Credit Unit	Grade	Grade Point
BTC01	LIFE SCIENCE	2.0	B	16.0
CSC01	INTRODUCTION TO COMPUTING	3.0	D	18.0
ECC01	BASIC ELECTRONICS	3.0	F	0.0
EEC01	ELECTRICAL TECHNOLOGY	3.0	P	15.0
MAC 02	MATHEMATICS - II	4.0	P	20.0
XXC01	THE CONSTITUTION OF INDIA AND CIVIC NORMS	1.0	A	9.0
CSS51	COMPUTING LABORATORY	1.0	D	6.0
ECS51	BASIC ELECTRONICS LABORATORY	1.0	A	9.0
EES51	ELECTRICAL TECHNOLOGY LABORATORY	1.0	A	9.0
XES52	GRAPHICAL ANALYSIS USING CAD	1.0	B	8.0
XXS52	CO-CURRICULAR ACTIVITIES - II	1.0	A	9.0
Total Grade Point (TGP) :		119.0	Remarks	
Semester Grade Point Average (SGPA) :		6.61	SUPPLEMENTARY	
Cumulative Grade Point Average (CGPA) :		7.23	ECC01	
MEDIUM OF INSTRUCTION & EVALUATION: ENGLISH				
7-SCALE GRADE SYSTEM: (EX) = 10, (A) = 9, (B) = 8, (C) = 7, (D) = 6, (P) = 5, (F) = 0				
GRADE POINT PER COURSE = Assigned Credits X Grade Obtained				
AUDIT COURSE(S)		PERFORMANCE		

Grade Card No.: BU/RE/21/2960



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur - 713 209,
WEST BENGAL, INDIA

GRADE CARD

Program : 4-Year B.TECH in COMPUTER SCIENCE AND ENGINEERING		Semester : THIRD	Session : 2022-2023	
Name : SONAM GYELTSHEN			Roll No. : 21CS8003	
Discipline : COMPUTER SCIENCE AND ENGINEERING			Reg No. : 21U10012	
Examination held in : NOVEMBER 2022		Result Published on : DECEMBER 27, 2022		
Course Code	Course Name	Credit Unit	Grade	Grade Point
CSC301	DISCRETE MATHEMATICS	3.0	P	15.0
CSC302	DIGITAL LOGIC DESIGN	3.0	P	15.0
CSC303	DATA STRUCTURES AND ALGORITHMS	4.0	F	0.0
MAC331	MATHEMATICS - III	4.0	P	20.0
PHC331	PHYSICS OF SEMICONDUCTOR DEVICES	3.0	B	24.0
CSS351	DIGITAL LOGIC DESIGN LABORATORY	1.5	B	12.0
CSS352	DATA STRUCTURES AND ALGORITHMS LABORATORY	2.0	A	18.0
PHS381	SEMICONDUCTOR DEVICES LABORATORY	1.5	B	12.0
Total Grade Point (TGP) :		116.0	Remarks	
Semester Grade Point Average (SGPA) :		6.44	SUPPLEMENTARY CSC303	
Cumulative Grade Point Average (CGPA) :		6.90		
MEDIUM OF INSTRUCTION & EVALUATION: ENGLISH				
7-SCALE GRADE SYSTEM: (EX) = 10, (A) = 9, (B) = 8, (C) = 7, (D) = 6, (P) = 5, (F) = 0				
GRADE POINT PER COURSE = Assigned Credits X Grade Obtained				
AUDIT COURSE(S)		PERFORMANCE		

Grade Card No.: BU/RO/22/1526

S. B. S. W. B.

NIT DURGAPUR / 71st Senate / Agenda Notes / Page No. 79

Date of issue : 30-12-2022

Checked by

Joint Registrar (A & E)



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur - 713 209,
WEST BENGAL, INDIA

GRADE CARD

Program : 4-Year B.TECH in COMPUTER SCIENCE AND ENGINEERING		Semester : FOURTH	Session : 2022-2023	
Name : SONAM GYELTSHEN			Roll No. : 21CS8003	
Discipline : COMPUTER SCIENCE AND ENGINEERING			Reg No. : 21U10012	
Examination held in : APRIL 2023		Result Published on : JULY 28, 2023		
Course Code	Course Name	Credit Unit	Grade	Grade Point
CHO441	PROCESS HEAT TRANSFER	3.0	X	0.0
CSC401	COMPUTER ORGANIZATION AND ARCHITECTURE	4.0	X	0.0
CSC402	THEORY OF COMPUTATION	3.0	X	0.0
CSC403	DESIGN AND ANALYSIS OF ALGORITHMS	4.0	X	0.0
CSC404	OBJECT ORIENTED PROGRAMMING	3.0	X	0.0
CSC405	SIGNALS AND SYSTEMS	3.0	X	0.0
CSS451	COMPUTER ORGANIZATION LABORATORY	1.5	A	13.5
CSS452	OBJECT ORIENTED PROGRAMMING LABORATORY	1.5	D	9.0
CSS453	SIGNAL PROCESSING LABORATORY	1.5	B	12.0
Total Grade Point (TGP) :		34.5	Remarks	
Semester Grade Point Average (SGPA) :		7.67	SUPPLEMENTARY CHO441, CSC401, CSC402, CSC403, CSC404, CSC405	
Cumulative Grade Point Average (CGPA) :		6.95		
MEDIUM OF INSTRUCTION & EVALUATION: ENGLISH				
7-SCALE GRADE SYSTEM: (EX) = 10, (A) = 9, (B) = 8, (C) = 7, (D) = 6, (P) = 5, (F) = 0				
GRADE POINT PER COURSE = Assigned Credits X Grade Obtained				
AUDIT COURSE(S)		PERFORMANCE		
Grade Card No.: BU/RE/22/1341/1				
NIT, DURGAPUR / 71st Senate / Agenda Notes / Page No. 80				
Date of issue : 31.07.2023				
Checked by				
Joint Registrar (A & E)				



ROYAL GOVERNMENT OF BHUTAN
JIGME DORJI WANGCHUCK NATIONAL REFERRAL HOSPITAL



Controlled Form

Medical/Sick Leave Certificate

Form Q5

JDWNRI/ADM/08/ 694

Date: 26/12/22

I hereby certify that Mr/Mrs/Miss Soren Gyelchen Age/Sex 20/M bearing

CID No. 10305003022 Employee/Student/resident of NIT, Durgapur, Lalbath

Was unable to attend work/school
 Will be unable to attend work/school
Due to: is undergoing treatment for Major Depressive Disorder & anxious distress at Psychiatry ward, JDWRH. He will need to be on long term medication & psychotherapy on out-patient basis due to which he will miss out on a semester at college.

Therefore, it is our recommendation that the relevant agency facilitate his absence from the college so that there is no repression in future that may affect his mental state.

Recommended medical leave for: _____ Day(s)/ Month w.e.f. (DDMMYY) _____ to _____ (DDMMYY)

Signature of Clinician and seal:
Name: _____
BMHC Reg. No.: _____
Designation: _____
Date (Certificate is signed): _____



Regulations for 4-Years and 5-Years Under-Graduate Programs

such course(s) in NIT Durgapur. The complete details will then be forwarded to Dean (Academic Courses) for approval.

- A student has to get minimum passing grades/ marks for such courses for which the credits transfer are to be made.

(Amended in 61st Senate on 21.08.21)

9.10 Industrial Training / internship: The Curricula for B. Tech. /Integrated MSc course would include compulsory industrial training/ internship programme for a minimum period of 4 weeks. The industrial training / internship would carry 1 credit.

9.11 Six Month Industry Internship: Students studying in final semester may join for a complete one semester industry internship program. Following modalities shall be applicable for them.

- Step 1: Student may get the internship either through in-campus mode arranged by Institute Career Development Centre (CDC) or through off-campus mode managed by student. In every case, student and her/his parents will have to sign a declaration form and submit the same to CDC.
- Step 2: CDC will prepare a consolidated student's list, 10-days before the start of a semester and circulate the same among the Departments and Academic Section.
- Step 3: Concerned department shall allocate alternate courses to the concerned students. A coordinating faculty member shall be assigned by the Departments for submission of marks to the Academic Section for such a case. In this regard, all departments are requested to submit the list of at least two open elective subjects to the Academic Section, which are to be floated for 8th Semester B. Tech. program. These courses will be either run by the department in on-line mode or may be available in NPTEL / SWAYAM platform.
- Step 4: The respective departments shall also assign coordinating faculty member for evaluating final semester / year project (reports of internship) for the students as stated above and submit marks to the academic section.
- Step 5: Students will have to strictly adhere to the academic calendar and will submit performance evaluation reports of the subjects and internship reports to the coordinating faculty member as per schedule. The students who won't be able to submit the reports on-time, their results will be published as Incomplete.

Modalities related to vacating the hostel will be dealt by the office of Dean (SW) / Chief Warden.

(included in 61st Senate on 21.08.21)

10.0 Attendance

10.1 Attendance in all the classes (lectures, tutorials, laboratories, sessional etc.) is mandatory.

10.2 Absence from classes without prior permission will be considered as an act of indiscipline and may be debarred from appearing an examination.

10.3 Prior application for the leave shall have to be submitted through the Course Coordinator to the Head of the Department concerned stating fully the reasons for the leave requested for

Regulations for 4-Years and 5-Years Under-Graduate Programs

along with supporting document(s). A copy of the leave application duly granted by the concerned Head should be submitted to the teacher(s) concerned.

10.4 If leave extends beyond 30 calendar days on ground of prolonged illness or unusually serious circumstances, the leave application shall be submitted to the Chairman, Senate for approval. Consideration will be given to students who give prior and continuous information either directly or through parents with a recommendation of Head of the Department.

10.5 It is possible for a student to get leave of absence in the following cases:

a) **Illness of the student** based on prescription of 'Unfit for class' by Institute Medical Officer or on hospitalization and post hospitalization rest approved by attending physician of the Institute recommended hospital / government hospital. It may be noted that such advice of rest is not sufficient for missing examinations, for which a specific recommendation must be obtained.

b) A family calamity demanding absence of the student (documentary proof is to be submitted by the student).

c) Participation in inter-NIT or other national level student competitions inside or outside the Institute. A copy of the appropriate office order must be enclosed with the application.

d) For academic work or presentation of papers related to final year project, if the project involves visit to industry or other institutes or to participate in a conference.

e) For officially arranged placement programmes on recommendation of Head, TPSW.

It should also be appreciated that a single student is unlikely to require all the categories of leave listed above during all the semesters.

10.6 Family functions, illness of family members, participation of student activities, such as, organizing functions, preparing for other examinations (including supplementary examinations of the Institute) or searching of jobs are not adequate grounds for leave of absence from classes.

10.7 Following rules will be applicable for theory courses to a student having attendance below 75%.

a) For attendance <75% but not <50% - reduction of one grade.

b) For attendance <50% but not <25% - reduction of two grades.

c) For attendance <25% - debarred from end semester examination.

(Amended in 53rd Senate on 13.05.19 with immediate effect to all students)

If a student attends less than 25% classes in a course, s/he will have to register for the same as a regular course in the next corresponding semester, when the course is offered as a back-log paper with one grade reduced.

(Amended in 56th Senate on 24.01.20 and effective from the odd semester 2020-21)

10.8 If because of personal leave or official duty, a teacher is unable to hold a class on the scheduled hour, he will hold the compensating class(s) at a mutually convenient hour. A teacher may communicate with his class by announcing in the class, through messages on Institute and

hostel notice boards or through e-mail. Attendance in these compensatory classes is mandatory for every student.

- 10.9 A teacher, at his discretion, may hold additional classes beyond what is originally scheduled, particularly when several classes are lost due to holidays or suspension of classes. Attendance in these classes is also mandatory for the student.

11.0 Assessment of Performance and Grading System

- 11.1 Performance of a student shall be assessed throughout the semester and assessment in a course will be made based on his/her performance.

- 11.2 a) The evaluation system shall be based on relative grading. The concerned teacher shall assign the marks based on statistical distribution (to be decided by the concerned faculty), and upload it in the academic module of Institute automation system. A signed copy of the same shall be submitted to the Academic Section for record.

- a) Conversion to letter grade, from the submitted marks by the concerned teacher, shall be made following the guidelines given in Appendix- III.
 b) Next the failure cases (that is, the cases of student obtained 'F' grade) are to be determined as explained in Appendix-IV.

- c) A Semester Grade Point Average (SGPA) will be computed for each Semester. The SGPA will be calculated following the guidelines given in Appendix-IV.

- d) At the end of the completion of the program, a Cumulative Grade Point Average (CGPA) will be computed for each student following the guidelines in Appendix-IV.

(Amended in 53rd Senate on 13.05.19)

- e) For assessment of a student in a particular theory course, the components with respective weights assigned to these will be as under:

Components	Weightage
Continuous Assessment (CA)	- 15%
Mid Term Examination	- 25%
End Term Examination	- 60%

(Amended in 53rd Senate on 13.05.19, effective for 2017 onward admission batch)

Following weights will be considered for the courses having both theory and sessional components (e.g., 3-0-2, 2-0-3, 3-0-3 etc.)

- i)– “Continuous Assessment – 10%, Midterm Examination – 20%, End-term examination – 40%, Laboratory evaluation – 30%”

(included in 61st Senate on 21.08.21)

- f) The CA Component shall be of 15 marks based on Tests/Quiz/Assignments or any other method as deemed fit by the concern faculty member. Evaluation method of this component should be intimated to the students. Initiative should be taken to ensure qualitative improvement of the student on the subject throughout the semester.

(Amended in 53rd Senate on 13.05.19, effective for 2017 onward admission batch)

Appendix-VI

RULES REGARDING PUNISHMENT FOR ADOPTION OF UNFAIR MEANS IN EXAMINATION

1. All incidences of unfair means must be reported in writing with relevant documents, wherever possible, by the Invigilator to the Dean (Academic) for further action.
2. The Examination Disciplinary Committee (clause 15.II.9) will meet to consider the disciplinary action to be taken according to the following broad guidelines:
The punishment for adopting unfair means in examinations may range from cancellation of the examination paper to back paper with a decrease of two letter grades but not below 'P' in the successful attempt to clear the course. The academic disciplinary committee was empowered to take a decision based on their discretion.

(Amended in 50th Senate on 18.05.2018)

INTENTIONALLY LEFT IT BLANK



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION

Minutes of the UGAC and PGAC Meeting held on 09/10/2023

Date: 09.10.2023

A joint UGAC and PGAC meeting held on 09.10.2023 (Monday) at 04.30 pm at the meeting room of the academic section. The Chairman of UGAC and PGAC welcomed the members to the meeting and on approval of the Chairman; JR (A&E) placed the agenda items in the meeting for discussion.

Following resolutions were taken in an Item-wise manner.

Item # 1 To confirm the minutes of the meeting of the UGAC and PGAC held on 21.08.2023.

The minutes of the meeting of the UGAC and PGAC held on 21.08.2023 are confirmed as no comments are received from the members of UGAC and PGAC.

Item # 2 To consider the minutes of the meeting of Examination Disciplinary Committee held on 20.09.2023 (Wednesday) at 11.30 am at the meeting room of the Academic Section.

The minutes of the meeting of Examination Disciplinary Committee which were in accordance with the clauses of UG regulations was recommended for approval. (Annexure – I)

Item # 3 To consider the list of the students who will be awarded with the Degree in the 19th Convocation

- a. B.Tech. Degree Recipients – 776 students
- b. B.Tech and M.Tech Dual Degree Recipients – 08 students
- c. Integrated M.Sc Degree Recipients – 12 students
- d. M. Tech. Degree Recipients – 243 students
- e. M. Sc. Degree Recipients – 86 students
- f. MBA Degree Recipients – 17 students
- g. MSW Degree Recipients – 06 students
- h. Recipients of Institute Gold Medals (UG and PG) – 36 students
- i. Recipients of 04 Endowment Gold Medals (UG and PG) – 03 students
- j. Best project Awards for UG programme and PG programme

The list of the students is recommended for approval. (Annexure II)


 Dean (Academic Courses)
 National Institute of Technology
 Durgapur-713209 India



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION

Minutes of the UGAC and PGAC Meeting held on 09/10/2023

Item # 4 To consider the withdrawal appeals of the students.

Name	Regn. No.	Program	Dept.	Reasons of withdrawal
RAGIRI SHIREESHA	20U10756	DUAL DEGREE	BT	Not mentioned
SUPARNA CHANDRA	21U10780	B.TECH	BT	Admission in a Medical college at Kolkata
SOMNATH CHATTARAJ	23U10073		ECE	Admission in Jadavpur University
KESHAB DUTTA	23U10360		ME	Financial problem
ANIRBAN ROY	23U10508		CE	Not mentioned
ADRIJA MONDAL	23U10898		BT	Admission in a Medical college
R HEMANTH KUMAR	23U10916		CSE	Personal reason
ANKUR PAUL	23P20210		M.SC	MATH

The matter of withdrawal by the students is recommended for approval of Senate. The Institute fee and Hostel fee including caution deposit paid by the student will not be refunded.

No refund will be admissible to the candidates, who do not take admission to the Institute after final allotment of seats through centralized counseling such as CCMT, CCMN, CSAB, JoSAA, etc. Entire amount paid by such candidates during the counseling process and admission process will not be refunded.

Item # 5 To consider the matter of duly forwarded applications from Ramisa Akhtar (Roll No. 20BT8030) and Arkadeep Ghosh (Roll No. 20BT8035) for obtaining a no-objection certificate to pursue Khorana fellowship (offline mode) between December 2023 to March 2024.

Since, it is a prestigious program and Dept. of BT agreed in principle, as a onetime measure the matter is recommended by the UGAC for approval of the Senate. The Department of BT shall suggest appropriate courses through NPTEL / SHAYAM / offered by the department itself, whose Midterm examination shall be conducted on-line and end-term examinations conducted off-line in the NIT Durgapur campus to fulfill the academic requirement of NIT Durgapur.

Item # 6 To consider the matter of readmission in first year B. Tech. programs 2023-24 from (i) Divyansh Singh (Regn. No. 22U10196 – B.Tech in Mechanical Engineering), (ii) K M Rohith Kumar (Regn. No. 22U10920 – B.Tech. in Electrical Engineering), (iii) Ankit Nangliya (Regn. No. 22U10414 – B.Tech. in Biotechnology).

All the students were declared failed in their first semester of their study in the AY 2022-23. The matter is recommended for approval following the UG regulations.


Dean (Academic Courses)
National Institute of Technology
Durgapur-713209 India



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION
Minutes of the UGAC and PGAC Meeting held on 09/10/2023

Item # 7 **To consider the matter regarding application of withdrawal from minor program in Marketing Management by Rishav Anand (Roll No. 21ME8026, Regn. No. 21U10138).**

The matter is recommended for approval.

Item # 8 **To consider the application submitted by Shreya Sen (Roll No. 22PH4515, Regn No. 22P20217 – M.Sc Physics – 3rd Semester) regarding not registering in 3rd semester 2023-2024 due to medical condition.**

Considering the recommendation of the Dept. of Physics, it is recommended for approval for re-admission in Odd Sem. 2024-2025 following PG regulations.

Item # 9 **To consider the matter regarding recommendation of syllabus of first year B.Tech., B.Tech. and M. Tech. Dual Degree, Integrated M. Sc. Subjects for approval of the Senate starting from AY2023-24.**

The curriculum for the first year B.Tech., B.Tech. and M. Tech. Dual Degree, Integrated M. Sc. courses are already approved by the Chairman, Senate following the recommendations made by the UGAC members on 19/08/2023 and implemented from the AY2023-24.

Thereafter, departments associated in teaching the first year courses were requested to prepare the revised syllabus. No change in the syllabus of the subjects XEC01 – Engineering Mechanics is suggested by both the HODs (CE & ME). Syllabus for all other courses have been modified and recommended by the respective teaching departments.

Thus, the matter is recommended for approval of Senate. (Annexure III)

Item # 10 **To consider the publication of corrigendum result in even semester 2022 – 2023 of**

- i. Dande Harshini (Roll No.: 20BT8005, Regn No.: 20U10176) in Engineering Physics (PHC01) due to non-submission of marks.
- ii. Mahima Dugar (Roll No.: 21EE8023, Regn. No.: 21U10214) due to change in minor subject from Communication Engineering (ECO 441) to Digital Computer Design (CSO 443)
- iii. Dibyaduti Layek (Roll No.: 21EE8031, Regn. No.: 21U10270) due to change in minor subject from Communication Engineering (ECO 441) to Digital Computer Design (CSO 443)
- iv. Sudibyajyoti Karan (Roll No.: 21EE8067, Regn. No.: 21U10612) due to change in minor subject from Communication Engineering (ECO 441) to Digital Computer Design (CSO 443)

The matter is recommended for approval.

Dean (Academic Courses)
National Institute of Technology
Durgapur-713209 India



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION
Minutes of the UGAC and PGAC Meeting held on 09/10/2023

- Item # 11** **To consider the modalities to be followed for the students in idle semester having backlog subjects**
- a) Due to shortfall in attendance.**
 - b) In sessional / laboratory subjects.**

After thorough deliberations, following are recommended for approval of Senate.

Students having backlog in theory subject(s) on account of attendance defaulter / in sessional / laboratory subjects, need to study the subject from the start of the semester. In case of theory subjects, evaluations against all three components, CA, MT and ET will be made again by the subject teachers.

The students presently in an idle semester with backlog in theory due to shortfall in attendance / sessional / laboratory subjects may be allowed to attend the regular theory and sessional classes for a maximum of two theory subjects along with the backlog in sessional / laboratory subject(s).

The meeting ended with vote of thanks to the Chairman.

Dean (Academic Courses)
National Institute of Technology
Durgapur-713209 India

Dean (Academic Courses)
Date: 07.11.2023

**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
INDIA
ACADEMIC SECTION**

ANNEXURE - I

Minutes of the meeting of Examination Disciplinary Committee held on 20.09.2023 (Wednesday) at 11.30 am at the meeting room of the Academic Section.

The Chairman welcomed the members present in the meeting.

The matter of adoption of malpractice by the following two students in the mid term examination odd semester 2022-2023 was discussed and resolved that -

Sl No	Roll No	Name of Student	Paper Code	Date Of Exam	Remarks
1	20CS8137	GIRI AARYAN RUPENDER	MSC731	15/09/2023	Paper chits found
2	20ME8159	SHUBHAM JANGIR	MEE724	13/09/2023	Write up on calculator

1. The respective examination paper of the individual student is treated as cancelled and the student may be allowed to appear for alternative mid term examination.
2. There will be a reduction of two letter grades but not below P in the successful attempt to clear the course.


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



Dean (Academic Courses)
Date : 20.09.2023

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Examination Disciplinary Committee meeting - mid term examinations 2023 -2024 - 02 (two) Report Against incidents

Name of the faculty	Department/ Designation	Signature
Dr. Sirshendu Mondal	Mechanical Engg. (Assoc. Dean A/E)	 20/09/2023
Tanmay De	CSE-HOD	T. De
Nilanjan Chattaraj	ECE	N. Chattaraj 20/09/2023
S. Ray Barman	Assoc. Dean (A/E)	S. Barman 20.09.2023
A.B. Puri	M.E. Dept / Professor	A. Puri 20/9/23
H. K. Mondal	ECE	H. Mondal 20/09/23
S. Karmakar	CE	S. Karmakar 26/09/23

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR**CURRICULUM & SYLLABUS****ANNEXURE - III****OF****FIRST YEAR COURSES OF BACHELOR OF TECHNOLOGY, DUAL DEGREE AND
INTEGRATED MSC****2023 ONWARD ADMISSION BATCH**

- Curriculum Recommended by the members of UGAC in a meeting held on 19/08/2023 in the presence of the Chairman, Senate at the Senate Room, S. N. Roy Memorial Building
- Approved by the Chairman, Senate on 19/08/2023, subject to ratification in Senate meeting
- Syllabus recommended by UGAC on 09/10/2023

CURRICULUM
GROUP – 1
FIRST SEMESTER

Semester - I							
Sl. No	Code	Subject	L	T	S	C	H
1	MAC01	Mathematics - I	3	1	0	4	4
2	CSC01	Computer Programming	2	1	0	3	3
3	XEC01	Engineering Mechanics	2	1	0	3	3
4	XEC02	Basic Electrical and Electronics Engineering	3	0	0	3	3
5	ESC01	Ecology and Environment	2	0	0	2	2
6	CYC01	Engineering Chemistry	3	0	0	3	3
7	CSS51	Computer Programming Laboratory	0	0	3	2	3
8	XES52	Basic Electrical and Electronics Engineering Laboratory	0	0	3	2	3
9	CYS51	Engineering Chemistry Laboratory	0	0	2	1	2
		TOTAL	15	3	8	23	26

SECOND SEMESTER

Semester - II							
Sl. No	Code	Subject	L	T	S	C	H
1	MAC02	Mathematics - II	3	1	0	4	4
2	CSC02	Data Structure and Algorithms	2	1	0	3	3
3	PHC01	Engineering Physics	2	1	0	3	3
4	HSC01	Professional Communication	2	0	2	3	4
5	CSS52	Data Structure and Algorithms Laboratory	0	0	3	2	3
6	XES51	Engineering Graphics	0	1	3	3	4
7	PHS51	Engineering Physics Laboratory	0	0	2	1	2
8	XXS51	Extra Academic Activities	0	0	2	1	2
		TOTAL	9	4	12	20	25

GROUP – 2
FIRST SEMESTER

Semester - I							
Sl. No	Code	Subject	L	T	S	C	H
1	MAC01	Mathematics - I	3	1	0	4	4
2	CSC01	Computer Programming	2	1	0	3	3
3	XEC01	Engineering Mechanics	2	1	0	3	3
4	PHC01	Engineering Physics	2	1	0	3	3
5	HSC01	Professional Communication	2	0	2	3	4
6	CSS51	Computer Programming Laboratory	0	0	3	2	3
7	XES51	Engineering Graphics	0	1	3	3	4
8	PHS51	Engineering Physics Laboratory	0	0	2	1	2
9	XXS51	Extra Academic Activities	0	0	2	1	2
TOTAL			11	5	12	23	28

SECOND SEMESTER

Semester - II							
Sl. No	Code	Subject	L	T	S	C	H
1	MAC02	Mathematics - II	3	1	0	4	4
2	CSC02	Data Structure and Algorithms	2	1	0	3	3
3	XEC02	Basic Electrical and Electronics Engineering	3	0	0	3	3
4	ESC01	Ecology and Environment	2	0	0	2	2
5	CYC01	Engineering Chemistry	3	0	0	3	3
6	CYS51	Engineering Chemistry Laboratory	0	0	2	1	2
7	CSS52	Data Structure and Algorithms Laboratory	0	0	3	2	3
8	XES52	Basic Electrical and Electronics Engineering Laboratory	0	0	3	2	3
TOTAL			13	2	8	20	23

DETAILED SYLLABUS Index

Sl. No	Code	Subject	L	T	S	C	H	Page No.
1	MAC01	Mathematics - I	3	1	0	4	4	5-6
2	CSC01	Computer Programming	2	1	0	3	3	6-7
3	XEC01	Engineering Mechanics	2	1	0	3	3	7-8
4	PHC01	Engineering Physics	2	1	0	3	3	8-9
5	CYC01	Engineering Chemistry	3	0	0	3	3	9-11
6	ESC01	Ecology and Environment	2	0	0	2	2	11-12
7	HSC01	Professional Communication	2	0	2	3	4	12-13
8	MAC02	Mathematics - II	3	1	0	4	4	14-15
9	CSC02	Data Structure and Algorithms	2	1	0	3	3	15-16
10	XEC02	Basic Electrical and Electronics Engineering	3	0	0	3	3	16-17
11	PHS51	Engineering Physics Laboratory	0	0	2	1	2	18
12	CSS51	Computer Programming Laboratory	0	0	3	2	3	19
13	XES51	Engineering Graphics	0	1	3	3	4	20
14	CYS51	Engineering Chemistry Laboratory	0	0	2	1	2	21
15	CSS52	Data Structure and Algorithms Laboratory	0	0	3	2	3	22
16	XES52	Basic Electrical and Electronics Engineering Laboratory	0	0	3	2	3	23
17	XXS51	Extra Academic Activities	0	0	2	1	2	24
		TOTAL	24	7	20	43	51	

DETAILED SYLLABUS

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
MAC01	MATHEMATICS - I	PCR	3	1	0	4	4
Pre-requisites		Basic concepts of function, limit, differentiation and integration.					
Course Outcomes	<ul style="list-style-type: none"> • CO1: learn the fundamentals of differential calculus of single and several variables. • CO2: learn the basic concepts of convergence of infinite series. • CO3: understand the basic concepts of integral calculus along with its various applications. • CO4: acquire the theoretical knowledge of vector calculus and its engineering applications. 						
Topics Covered	<p>Functions of Single Variable: Review of limit, continuity and differentiability. Mean value theorems: Rolle's Theorem, Lagrange's Mean Value Theorem (MVT), Cauchy's MVT, Taylor's theorem, Taylor's and Maclaurin's series. (8)</p> <p>Functions of several variables: Limit, continuity and differentiability of functions of several variables, partial derivatives and their geometrical interpretation, derivatives of composite and implicit functions, derivatives of higher order and their commutativity, Homogeneous function, Euler's theorem and its converse, Exact differential, Jacobian, Taylor's & Maclaurin's series, Maxima and Minima, Necessary and sufficient condition for maxima and minima (no proof). (11)</p> <p>Sequences and Series: Real sequences and their convergence, Series of positive terms, Necessary and sufficient condition for convergence, p-series, geometric series, Comparison test, D'Alembert's ratio test, Cauchy's root test, Alternating series, Leibnitz's rule, Absolute and conditional convergence. (6)</p> <p>Integral Calculus: Review of the idea of integration as a limit of a sum, Mean value theorems of integral calculus, Area and length in Cartesian and polar co-ordinates, Volume and surface area of solids of revolution in Cartesian and polar forms, Improper integrals and their convergence, Beta and Gamma functions. (12)</p> <p>Multiple Integrals: Evaluation of double and triple integrals, Change of order of integration, Change to better coordinates, Area and volume by double integration, Volume by triple integration. (10)</p> <p>Vector Calculus: Vector valued functions and its differentiability, Line integral, Surface integral, Volume integral, Gradient, Curl, Divergence, Green's theorem in the plane (including vector form), Stokes' theorem, Gauss's divergence theorem and their engineering applications. (9)</p>						
Text Books, and/or reference material	<p>Text Books:</p> <ol style="list-style-type: none"> 1. Kreyszig, E., Advanced Engineering Mathematics: 10th edition, Wiley India Edition, 2010. 2. Murray, D.A., Differential and Integral Calculus, FB & C Limited, 2018. 3. Marsden, J. E; Tromba, A. J.; Weinstein: Basic Multivariable Calculus, Springer, 2014. 4. Murray Spiegel, Schaum's Outline of Vector Analysis, Tata McGraw Hill .1980 ,Education <p>Reference Books:</p> <ol style="list-style-type: none"> 1. Tom Apostol, Calculus-Vol-I & II, Wiley Student Edition, 2011. 2. Thomas and Finny: Calculus and Analytic Geometry, 11th Edition, Addison Wesley. 						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MAC01	CO1	2	3	2	3	1	1	-	-	1	1	1	2
	CO2	2	3	2	3	-	1	-	-	1	1	2	2
	CO3	2	3	2	3	-	1	1	-	-	2	2	2
	CO4	3	3	2	3	1	1	-	1	-	2	1	2

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
CSC01	COMPUTER PROGRAMMING	PCR	2	1	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
Basic knowledge of computer.		CT+MT+EA					
Course Outcomes	<ul style="list-style-type: none"> • CO1: To understand basics of computer programming, program flow, and programming constructs. • CO2: Develop concepts on basic and complex data types, conditional and iterative statements. • CO3: Exercise the concepts of user defined functions to solve real time problems. • CO4: Inscribe C programs that use Pointers to access arrays, strings and functions. • CO5: Exercise user defined data types including structures and unions to solve problems. 						
Topics Covered	<p>Introduction to C: Phases of developing a running computer program in C. (2L) Data types, size and values. Char, Unsigned and Signed data types. Number systems and representations. Constants, Overflow. (3L) Data concepts in C: Constants, Variables, Expressions, Operators, and operator precedence in C. (2L) Statements: Declarations, Input-Output Statements, Compound statements, Selection Statements. (2L) Conditions, Logical operators, Precedences. Repetitive statements, While construct, Do-while Construct, For construct. (3L) Arrays. Strings. Multidimensional arrays and matrices. (3L) Pointers: Pointer variables. Declaring and dereferencing pointer variables. Pointer Arithmetic. Examples. Accessing arrays through pointers. Pointer types, Pointers and strings. String operations in C. (6L) Dynamic memory allocation. (2L) Modular Programming: Functions: The prototype declaration, Function definition. (3L) Function call: Passing arguments to a function, by value, by reference. Scope of variable names. Recursive function calls, Tail recursion. (4L) Sorting problem: Sorting in arrays with an example of Bubble sort. Sorting in strings. (3L) Search problem: Linear search and binary search. (2L)</p>						

	<p>More Data-types in C: Structures in C: Motivation, examples, declaration, and use. Operations on structures. Passing structures as function arguments. type defining structures. (4L)</p> <p>File input-output in C. Streams. Input, output and error streams. Opening, closing and reading from files. Programming for command line arguments. (3L)</p>
Text Books, and/or reference material	<p>Text Books:</p> <ol style="list-style-type: none"> 1. P. Deitel, H. Deitel. C How to Program. Pearson Education India, 7th Ed. 2. B. W. Kernighan, Dennis M. Ritchie. The C Programming. Prentice Hall Software Series, 2nd Ed. <p>Reference Books:</p> <ol style="list-style-type: none"> 1. P. Dey and M. Ghosh. Computer fundamentals and programming in C. Oxford press, 2013. 1. Y. Kanetkar. Let Us C. BPB Publications, Sixteenth edition, 2017.

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSC01	CO1	2	2	1	-	1	2	-	-	-	-	-	-
	CO2	3	2	1	-	1	1	1	-	-	-	-	-
	CO3	2	2	1	-	-	2	-	-	-	-	-	-
	CO4	3	2	2	-	-	1	-	-	-	-	-	-
	CO5	3	1	2	-	1	2	-	-	-	-	-	-

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P) [#]	Total Hours	
XEC01	ENGINEERING MECHANICS	PCR	2	1	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
		CT+MT+EA					
Course Outcomes	<ul style="list-style-type: none"> • CO1: Acquire knowledge of mechanics and ability to draw free body diagrams. • CO2: Apply knowledge of mechanics for solving special problems like truss and frame analysis. • CO3: Ability to calculate centroid, moments of inertia for various shapes. • CO4: Learn momentum and energy principles. • CO5: Knowledge on virtual Work Principle and its application 						
Topics Covered	<p>Engineering Mechanics; measurement and SI units. [1]</p> <p>Vectors and force as a vector; Resultant of a system of forces on a particle; free body diagram and conditions of equilibrium of a particle; problems on particles; equilibrium of particles in space. [2]</p> <p>Resultant of a system of forces and couples on a rigid body; conditions of equilibrium of a rigid body; free body diagrams of rigid bodies subjected to different types of constraints; simple space problems of rigid bodies. [4]</p> <p>Coefficients of static and kinetic friction; problems involving friction; theories of friction on square threaded power screw and flat belt. [5]</p> <p>Simple trusses; analysis of trusses by method of joints and method of sections. [5]</p> <p>Centre of gravity and centre of mass; centroids of lines, curves and areas; first</p>						

	<p>moment of area; second moment of area; polar moment of inertia; radius of gyration of an area; parallel axis theorem; mass moment of inertia. [4] Path, velocity, acceleration; rectilinear and curvilinear motion; motion of system of particles; introduction to the concept of plane kinematics of rigid bodies. [6] Newton's second law of motion; dynamic equilibrium and D'Alembert's principle; linear momentum; angular momentum; rectilinear and curvilinear motion; principles of work–energy and impulse–momentum; impact of system of particles; introduction to the concept of plane kinetics of rigid bodies. [12] Principle of Virtual Work, Solution of Problems on Mechanics using Principle of Virtual Work [3]</p>
Text Books, and/or reference material	<p>1) S P Timoshenko and D H Young, Engineering Mechanics, 5th Edition 2) J L Meriam and L G Kraige, Engineering Mechanics, 5th Edition, Wiley India 3) F P Beer and E R Johnston, Vector Mechanics for Engineers 4) I H Shames, Engineering Mechanics</p>

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
XEC01	CO1	1	-	-	-	-	-	-	-	-	-	-	1
	CO2	1	1	1	1	-	-	-	-	-	-	-	1
	CO3	1	1	-	-	-	-	-	-	-	-	-	1
	CO4	1	2	-	-	-	-	-	-	-	-	-	1
	CO5	-	2	2	2	2	1	-	-	-	1	-	1

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
PHC01	Engineering Physics	PCR	2	1	0	3	3
Pre-requisites:		Course Assessment methods: (Continuous (CT), mid-term (MT) and end assessment (EA))					
NIL		CT+MT+EA					
Course Outcomes	<ul style="list-style-type: none"> CO1: To realize and apply the fundamental concepts of physics such as superposition principle, simple harmonic motion to real world problems. CO2: Learn about the quantum phenomenon of subatomic particles and its applications to the practical field. CO3: Gain an integrative overview and applications of fundamental optical phenomena such as interference, diffraction and polarization. CO4: Acquire basic knowledge related to the working mechanism of lasers and signal propagation through optical fibers. 						
Topics Covered	<p>Harmonic Oscillations - Linear superposition principle, Superposition of two perpendicular oscillations having same and different frequencies and phases, Free, Damped and Forced vibrations, Equation of motion, Amplitude resonance, Velocity resonance, Quality factor, sharpness of resonance, [8] Wave Motion: Longitudinal waves, Transverse waves, Wave equation, phase velocity and group velocity, Maxwell's equations, Electro-magnetic waves in free space. [3] Introductory Quantum Mechanics - Inadequacy of classical mechanics, Blackbody</p>						

	<p>radiation, Planck's quantum hypothesis, de Broglie's hypothesis, Heisenberg's uncertainty principle and applications, Schrodinger's wave equation and applications to simple problems: Particle in a one-dimensional box, Simple harmonic oscillator, Tunnelling effect. [8]</p> <p>Interference & Diffraction - Huygens' principle, Young's experiment, Superposition of waves, Conditions of sustained Interference, Concepts of coherent sources, Interference by division of wavefront, Interference by division of amplitude with examples, The Michelson interferometer and some problems; Fraunhofer diffraction, Single slit, Multiple slits, Resolving power of grating. [13]</p> <p>Polarisation - Polarisation, Qualitative discussion on Plane, Circularly and elliptically polarized light, Malus law, Brewster's law, Double refraction (birefringence) - Ordinary and extra-ordinary rays, Optic axis etc.; Polaroid, Nicol prism, Retardation plates and analysis of polarized lights. [5]</p> <p>Laser and Optical Fiber - Spontaneous and stimulated emission of radiation, Population inversion, Einstein's A & B co-efficient, Optical resonator and pumping methods, He-Ne laser. Optical Fibre- Core and cladding, Total internal reflection, Calculation of numerical aperture and acceptance angle, Applications. [5]</p>
Text Books, and/or reference material	<p>TEXT BOOKS:</p> <ol style="list-style-type: none"> The Physics of Vibrations and Waves, H. John Pain, Willy and Sons A Text Book of Oscillations and Waves, M. Goswami and S. Sahoo, Scitech Publications Engineering Physics, H. K. Malik and A. K. Singh, McGraw-Hill. <p>REFERENCE BOOKS:</p> <ol style="list-style-type: none"> Vibrations and Waves in Physics, Iain G. Main, Cambridge University Press Quantum Physics, R. Eisberg and R. Resnick, John Wiley and Sons Fundamental of Optics, Jankins and White, McGraw-Hill Optics, A. K. Ghatak, Tata McGraw-Hill Waves and Oscillations, N. K. Bajaj, Tata McGraw-Hill Lasers and Non-linear Optics, B. B. Laud, New Age International Pvt Lt

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PHC01	CO1	3	2	1	1	1	-	-	1	-	-	-	1
	CO2	3	2	-	2	-	-	-	-	-	-	-	1
	CO3	3	2	2	2	1	1	1	1	1	-	1	1
	CO4	3	2	2	2	1	1	1	-	1	-	1	1

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
CYC01	Engineering Chemistry	PCR	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
None		CT+MT+EA					

Course Outcomes	<ul style="list-style-type: none"> • CO1: Students will get the knowledge of fundamentals as well industrial applications of polymer, petroleum products, organometallic compounds and others. • CO2: Students will be able to elucidate the structure of different organic compounds and to analyze the structure-property correlation. • CO3: Students will be aware on the role played by different metals in biological systems and also the ecological impact of metals. • CO4: Students will be able to understand and analyze thermodynamical, kinetic as well as electrochemical aspects of chemical systems and apply the understanding in the technical field.
Topics Covered	<p>ORGANIC CHEMISTRY</p> <ol style="list-style-type: none"> Polymer chemistry and polymer engineering: Fundamental concept on polymer chemistry; synthesis and application of important polymers, Rubber and plastic materials; vulcanization, structure-property correlation: Concept of Molecular weight of polymer, Glass transition temperature. Engineered polymer: Thermally stable, flame retardant, Conducting polymer. (5L) Petroleum Engineering and oil refinery: Origin of petroleum, separation principle and techniques of distillation of crude oil, thermal and catalytic cracking of petroleum, uses of different fractions, knocking, anti-knock compounds, octane number and cetane number. High octane and Aviation fuel. Bio-diesel. (3L) Structure elucidation of organic compounds by modern spectroscopic methods: Application of UV-Visible (Lambert-Beers law), concept of chromophore, auxochrome, hypso-, hyper-, bathochromic, red shift. FT-IR spectroscopy and Mass spectroscopy (including instrumentation). (4L) <p>INORGANIC CHEMISTRY</p> <ol style="list-style-type: none"> Coordination Chemistry: Crystal Field Theory of octahedral and tetrahedral complexes, colour and magnetic properties, LMCT, MLCT, IVCT. Isomerism and stereochemistry.(5L) Bioinorganic Chemistry: Metal ions in biological systems: Fe, Cu (2L) Industrial application of Organometallic complexes: π-acid ligands, stabilization of metal low oxidation state and 18 electron rules, metal carbonyls and nitrosyls, metal-alkene complexes, Various catalytic cycles of industrial importance. (4L) Environmental Chemistry: Metal toxicity (As, Hg, Pb and Cd) and its remediation (1L) <p>PHYSICAL CHEMISTRY</p> <ol style="list-style-type: none"> Chemical Thermodynamics: 2nd law of thermodynamics: Concept of thermodynamic engine (Carnot and reverse Carnot cycle), entropy, free energy. Temperature and pressure dependence of entropy and free energy. Change in phase: phase diagram of single component system. Cryogenics: Joule Thomson experiment. (5L) Chemical Kinetics: Rate expression of Reversible reaction, parallel reaction, and Consecutive reaction with proper examples. Temp effect on reaction rate.(3L) Catalysis: Types of catalysis, Rate expression for Catalysed reaction, Acid-base and Enzyme catalysis.(2L) Electrochemistry: EMF, Nernst Equation, Application of electrochemistry in chemical processes. Electrochemical cell, Fuel cell, Li-ion battery (3L).
Text Books, and/or reference	<p><u>Suggested Text Books:</u></p> <ol style="list-style-type: none"> (i) Physical Chemistry by P. Atkins, Oxford (ii) A guidebook to mechanism in Organic chemistry: Peter Sykes; Pearson Edu. (iii) Inorganic Chemistry Part-I & II, R. L. Dutta, The new book stall

material	<p><u>Suggested Reference Books:</u></p> <p>Organic Chemistry:</p> <p>(i) Basic stereochemistry of organic molecules: S. Sengupta; Oxford University press</p> <p>(ii) Engineering Chemistry: Wiley</p> <p>(iii) Elementary Organic Spectroscopy: William Kemp, ELBS with Macmillan</p> <p>Inorganic Chemistry:</p> <p>(i) Inorganic Chemistry: Principle structure and reactivity, J. E. Huheey, E. A. Keiter and R. L. Keiter, Pearson Education</p> <p>(ii) Bioinorganic Chemistry -- Inorganic Elements in the Chemistry of Life: An Introduction and Guide, 2nd Edition, Wolfgang Kaim, Brigitte Schwederski, Axel Klein.</p> <p>(iii) Inorganic Chemistry Fourth Edition, Shriver & Atkins, Oxford</p> <p>Physical Chemistry:</p> <p>(i) Physical Chemistry by G.W Castellan</p> <p>(ii) Physical Chemistry by P. C. Rakshit</p>
----------	---

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CYC 01	CO1	1	2	-	-	-	-	-	-	-	-	-	-
	CO2	1	-	-	-	-	-	2	-	-	-	-	-
	CO3	1	2	1	1	1	-	-	-	-	-	-	-
	CO4	-	1	-	-	2	-	1	-	-	-	-	-

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P) [#]	Total Hours	
ESC01	Ecology and Environment	PCR	2	0	0	2	2
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
NIL		CT+MT+EA					
Course Outcomes	<ul style="list-style-type: none"> CO1: Understand the importance of environment and ecosystem. CO2: Understand the fundamental aspect of pollutant tracking and its implementation in natural and anthropogenic pollution of air and water system. CO3: Understand the scientific basis of local and as well as global issues. CO4: Apply of knowledge to develop sustainable solution. 						
Topics Covered	<p>UNIT – I: INTRODUCTION (2) Multidisciplinary nature of Environmental Studies: Definition, Scope, and Importance.</p> <p>UNIT–II: FUNDAMENTALS OF ECOLOGY (9) Definition, Components of Environment; Fundamentals of Ecology and Ecosystem; Components and Classification of Ecosystem; Energy flow in Ecosystem: Tropic level, Food Chain, Food Web, Ecological Pyramid; Biogeochemical cycles: Carbon, Nitrogen, Sulphur, Phosphorus, and Water Cycle; Biosphere and Biodiversity; Conservation.</p> <p>UNIT–III: FUNDAMENTALS OF ENVIRONMENT (10) Environmental Pollution: Air pollution, Water pollution, Soil pollution, Marine pollution, Noise pollution, Thermal pollution, Solid Wastes, and Natural hazards:</p>						

	<p>Floods, earthquakes, cyclones, and landslides. Environmental Issues: Climate change and global warming; acid rain; and ozone layer depletion. Environment Quality: Ambient air quality standards, Water quality parameters and standards: pH, Turbidity, Hardness, Sulphate, Phosphates, Iron, Dissolved Oxygen, BOD, and COD.</p> <p>UNIT- IV: NATURAL RESOURCES (3) Mineral Resources, Energy Resources: Conventional and Non-Conventional.</p> <p>UNIT- V- GREEN TECHNOLOGY & ENVIRONMENTAL ETHICS (4) Sustainability: Carbon Sequestration, Green building practices, Green computing; Carrying capacity; and Environment Protection Acts/laws.</p>
Text Books, and/or reference material	<ol style="list-style-type: none"> 1. A Basic Course in Environmental Studies. Deswal & Deswal. Pub. Dhanpat Rai & Sons 2. Ecology. Odum. Pub. Oxford & IBH 3. Environmental Engineering. Peany et.al. Pub. McGraw Hill 4. A Text Book of Environmental Engg. Venugopal Rao. Pub. PHI 5. A Basic Course in Environmental Studies. Deswal & Deswal. Pub. Dhanpat Rai & Sons 6. Environmental Studies. Bharucha. Pub. University of Press 7. Environmental Chemistry and Pollution, S. S. Dara & D. D. Mishra, S. Chand Publishing

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
ESC01	CO1	3	-	-	-	-	-	2	-	-	-	-	-
	CO2	1	-	-	-	-	-	2	-	-	-	-	-
	CO3	2	-	-	-	-	-	2	-	-	-	-	-
	CO4	1	-	3	-	-	-	2	1	-	-	-	-

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
HSC01	Professional Communication	PCR	2	0	2	4	3
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
None		CT+EA					
Course Outcomes	<ul style="list-style-type: none"> • CO1: Learners will acquire linguistic proficiency in terms of improvement in their listening, speaking, reading, and writing skills. • CO2: Learners will acquire better communicative ability. • CO3: The course will help learners improve their social connectivity skill. 						
Topics Covered	Vocabulary <ol style="list-style-type: none"> 1. Word Formation, Use of Prefixes and Suffixes (1) 2. Synonyms, Antonyms (1) 3. Prefixes and Suffixes from Foreign Languages, Words from Foreign 						

	<p>Languages (1)</p> <ol style="list-style-type: none"> Abbreviations and Acronyms (1) Technical Vocabulary (1) <p>Grammar</p> <ol style="list-style-type: none"> Identifying Common Errors in Articles and Prepositions (1) Common Errors in Noun-Pronoun Agreement and Subject-Verb Agreement (1) Misplaced Modifiers and Tenses (1) Redundancies and Clichés (1) <p>Reading</p> <ol style="list-style-type: none"> Reading and Its Importance, Techniques of Effective Reading (1) Improving Comprehension Skills, Techniques for Good Comprehension (1) Skimming and Scanning (1) Comprehension, Intensive and Extensive Reading (2) <p>Writing</p> <ol style="list-style-type: none"> Sentence Structures, Phrases and Clauses, Punctuation (2) Organising Principles of Paragraphs (2) Formal Letters, Letters of Complaint, Requisition Letters, Job Application, and Résumé (2) Nature and Style of Sensible Writing, Defining, Describing, Classifying, Providing Examples and Evidence (2) Essay Writing (2) Précis Writing (2) Report Writing (2) <p>Oral Communication</p> <ol style="list-style-type: none"> Listening Comprehension (4) Pronunciation, Intonation, Stress, and Rhythm (4) Communication at the Workplace (4) Everyday Conversation (4) Group Discussion (4) Interviews (4) Formal Presentations (4)
Text Books, and/or reference material	<p>Text Book:</p> <ol style="list-style-type: none"> English for Engineers –Sudharshana & Savitha (Cambridge UP) <p>Reference Books:</p> <ol style="list-style-type: none"> <i>English</i>—Kulbhushan Kumar (Khanna Book Publishing) <i>Remedial English Grammar</i>—F. T. Wood (Macmillan)

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
HSC01	CO1	1	--	--	1	--	1	--	1	2	3	1	--
	CO2	1	--	--	1	--	2	--	2	2	3	2	--
	CO3	--	--	--	1	--	3	--	3	3	3	2	--

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
MAC02	MATHEMATICS - II	PCR	3	1	0	4	4
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
Basic concepts of set theory, differential equations, and probability.		CT+MT+EA					
Course Outcomes	<ul style="list-style-type: none"> • CO1: learn the basic concepts of linear algebra and be able to apply the same to solve various engineering problems. • CO2: understand fundamentals of ordinary differential equations and their applications. • CO3: acquire the theoretical knowledge of Fourier Series, Fourier & Laplace transforms, and learn about their applications. • CO4: learn the basic concepts of probability theory. 						
Topics Covered	<p>Introduction to Algebraic structures: Group, subgroup, ring, subring, integral domain, and field. (3)</p> <p>Linear Algebra: Vector spaces over field, linear dependence and independence of vectors, linear span of a set of vectors, basis and dimension of finite dimensional vector space, elementary row/column operations, rank of a matrix, solutions of system of linear (homogeneous and non-homogeneous) equations, eigenvalues and eigenvectors, characteristic polynomials, Cayley-Hamilton theorem (without proof), Diagonalization of matrices. (15)</p> <p>Ordinary Differential Equations (ODE): Review of first order ODE, Picard's theorem (Statement Only), ODE of first order and of the first degree (exact ODE, rules for finding integrating factors), ODE of first order and of the higher degree (ODE solvable for x, solvable for y; Clairaut's equation, singular solution), homogeneous and non-homogeneous linear ODE with constant coefficients and variable coefficients (Euler–Cauchy type), linear dependence of solutions, Wronskian determinant, Solution of simultaneous ODEs ($dx/P = dy/Q = dz/R$; $dx/dt = ax + by$, $dy/dt = cx + dy$), properties of nonlinear ODEs, phase plane analysis. (18)</p> <p>Fourier series: Piecewise smooth and periodic functions, Fourier series of a function in an interval, Dirichlet conditions, Convergence of Fourier series, Fourier sine and cosine series, Complex form of Fourier series. (4)</p> <p>Fourier Transforms: Fourier Integral Theorem (statement only), Different forms of Fourier Integrals, Fourier Transform and its inversion formula, Properties of Fourier Transform, Convolution. (7)</p> <p>Laplace Transforms: Laplace transforms and its Properties, Inverse Laplace transforms, Convolution theorem, Applications to ODE. (4)</p> <p>Probability: Random variables and probability distributions (discrete and continuous), Binomial, Poisson, Uniform and Normal distributions. (5)</p>						
Text Books, and/or reference material	<p>Text Books:</p> <ol style="list-style-type: none"> 1. Kreyszig, E., Advanced Engineering Mathematics: 10th edition, Wiley India Edition (2010). 2. Strang, G., Linear algebra and its applications (4th Edition), Thomson (2006). 3. Murray, D.A., Introductory Course in Differential Equations, Khosla Publishing House (2021). 4. Debnath, L., Integral Transforms and Their Applications, CRC Press (1995). 5. Baisnab, A.P., Jas, M., Elements of Probability and Statistics, McGraw Hill Education (2017). 						

Reference Books:

1. Kumaresan, S., Linear algebra - A Geometric approach, Chaukhamba Auriyantaliya (2017).
2. Ross, S.L., Differential Equations, 3rd Edition, Wiley Student Edition (2017).
3. Shivamoggi, A., Integral Transforms for Engineers, PHI (2003).
4. Grinstead, C.M., Snell, J.L., Introduction to probability, American Mathematical Society (2012).

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MAC02	CO1	3	3	2	1	2	-	2	-	-	-	1	2
	CO2	3	3	2	2	2	-	2	-	-	1	-	2
	CO3	3	3	2	2	3	1	1	-	1	1	1	2
	CO4	3	2	1	3	2	1	1	1	1	-	-	2

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
CSC02	Data Structure and Algorithms	PCR	2	1	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
CSC01 (Computer Programming)		CA+ MT + ET [CA: 15%, MT: 25%, ET: 60%]					
Course Outcomes	<ul style="list-style-type: none"> • CO1: Understanding the fundamental concepts of abstract data types, data structures, algorithms and time complexity analysis of algorithms. • CO2: Implementation of different abstract data types (array, linked list, stack, queue, tree, graph). • CO3: Implementation of different sorting and searching techniques along with their performance evaluation. • CO4: Analysis of the suitability/compatibility of different data structures based on the types of applications. • CO5: Design and development of algorithms for real-life applications. • 						
Topics Covered	<p>Introduction: Abstract Data Type (ADT), Data Structures, Concept of static and dynamic memory allocation, Algorithm, Analysis of time and space complexity of algorithms, Asymptotic notations: Big Oh, Big Omega and Big Theta notations, Impact of data structure on the performance of an algorithm. (6L)</p> <p>Array: Array as an ADT, Single and multi-dimensional array, Memory representation (row major and column major) of array, Address calculation for array elements. (2L)</p> <p>Linked list: Linked list as an ADT, Memory allocation and deallocation for a linked list, Linked list versus array, Types of linked lists: singly linked list, doubly linked list and circular linked list, Operations on linked list: creation, display, insertion and deletion (in different positions), Concatenation, Searching, Sorting, Applications of linked list: Representations and operations on polynomials, sparse matrices, etc., Array vs. Linked List. (6L)</p>						

	<p>Stack: Stack as an ADT, Push and pop operations on stacks, Array implementation of stack, Linked list implementation of stack, Applications of stack: Recursion, Function call, Evaluation of postfix expression using stack, Conversion of infix to postfix using stack. (5L)</p> <p>Queue: Queue as an ADT, Enqueue and dequeue operations, Array implementation of queue, Limitation of array implementation, Circular queue, Linked list implementation of queue, Priority queue. (4L)</p> <p>Binary Tree: Binary Tree, Definition and properties, Representation of binary tree in memory: linked representation, array representation, Binary tree traversal (Preorder, Inorder and Postorder), Binary search tree, Heap (8L)</p> <p>Searching Algorithms: Linear search and binary search. (2L)</p> <p>Sorting Algorithms: Selection sort, Insertion sort, Quick sort, and Merge sort. (5L)</p> <p>Graphs Algorithms: Graph representation using Adjacency matrix and Adjacency list, Breadth First Search and Depth First Search algorithms. (4L)</p>
Text Books, and/or reference material	<p>Text Books:</p> <ol style="list-style-type: none"> 1. R. F. Gilberg and B. A. Forouzan, "Data Structures: A pseudocode approach with C", 2nd Edition, CENGAGE Learning. 2. A. V. Aho, J. D. Ullman and J. E. Hopcroft, "Data Structures and Algorithms", Addison Wesley. 3. Lipschutz, "Data Structures (Schaum's Outline Series)", Tata Mcgraw Hill. 4. E. Horowitz, S. Sahni, S. Anderson-Freed, "Fundamentals of Data Structures in C", Universities Press; Second edition (2008). <p>Reference Books:</p> <ol style="list-style-type: none"> 1. Y. Langsam, M. J. Augenstein and A. N. Tanenbaum, "Data Structures using C and C++", Pearson, 2006. 2. Knuth, Donald E. The Art of Computer Programming. 3rd ed. Vols 1&2. Reading, MA: Addison-Wesley, 1997. ISBN: 0201896834. ISBN: 0201896842. ISBN: 0201896850. 3. Kleinberg and Eva Tardos. Algorithm Design. Addison-Wesley 2005 ISBN-13: 978-0321295354.

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSC02	CO1	3	-	1	1	1	-	-	-	-	-	-	-
	CO2	3	2	1	2	2	-	-	-	-	-	-	1
	CO3	3	2	1	2	2	-	-	-	-	-	-	1
	CO4	3	3	2	3	3	-	-	-	-	-	-	1
	CO5	3	3	3	3	3	-	-	-	-	-	-	2

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
XEC02	Basic Electrical and Electronics Engineering	PCR	3	0	0	3	3
Pre-requisites			Course Assessment methods				
(10+2) level mathematics and physics			CT+MT+EA				
Course Outcomes	<p>CO1: Learn the fundamentals of electric circuits and analyze the circuits using laws and network theorems.</p> <p>CO2: Gain the knowledge about magnetic circuits, electromagnetism and the basics of generation of alternating voltage.</p> <p>CO3: Understand the behaviour of single phase and poly-phase AC circuits.</p> <p>CO4: Understand the fundamentals of semiconductor devices.</p> <p>CO5: Analyze the design and characteristics of transistor-based electronic circuits.</p> <p>CO6: Evaluate operational amplifier-based circuits and logic gates.</p>						
Topics Covered	<ol style="list-style-type: none"> 1. Introduction to Electrical systems, Fundamentals of Electric Circuits: Ohm's laws, Kirchhoff's laws, Independent and Dependent sources, Analysis of simple circuits. (4) 2. Network theorems (DC): Superposition Theorem, Thevenin's Theorem, Norton's Theorem, Maximum Power Transfer Theorem. (5) 3. Magnetic circuits: Review of fundamental laws of electromagnetic induction, Self and mutual inductances, Solution of magnetic circuits. (3) 4. Generation of alternating voltage and current, E.M.F. equation, Average and R.M.S. value, Phase and phase difference, Phasor representation of alternating quantity, Behaviour of AC circuits, Resonance in series and parallel R-L-C circuits. (6) 5. Poly-phase system, Advantages of 3-phase system, Generation of 3-phase voltages, Voltage, current and power in a star and delta connected systems, 3-phase balanced and unbalanced circuits. (3) 6. Semiconductor Devices: Construction, working and V-I characteristics of diode, Zener diode, Zener diode as a voltage regulator, LED. (6) 7. Transistors: Introduction to BJT, FET, MOSFET; CMOS, working principle, and V-I characteristics of Transistors, biasing of BJT circuits-fixed bias, emitter bias, feedback bias, voltage divider bias, transistor as an amplifier. (8) 8. Operational amplifier: Introduction, applications: inverting, non-inverting amplifier, unity follower, integrator, differentiator, summing circuit .(4) 9. Introduction of logic gates, memory: ROM, RAM. (3) 						
Text Books, and/or reference material	<p>TEXT BOOKS</p> <ol style="list-style-type: none"> 1. Electrical & Electronic Technology by Hughes, Pearson Education India. 2. Introduction Electronic Devices & Circuit Theory, 11/e, 2012, Pearson: Boylestad & Nashelsky. 3. Electronics: Fundamentals and Applications By D. Chattopadhyay, P. C. Rakshit; New Age Int. Publication. <p>REFERENCE BOOKS</p> <ol style="list-style-type: none"> 1. Advanced Electrical Technology by H. Cotton, Reem Publication Pvt. Ltd. 2. Electrical Engineering fundamentals by Vincent Deltoro, Pearson Edu. India. 3. The Art of Electronics 3e, by Paul Horowitz, Winfield Hill. 4. Electronics - Circuits and Systems, Fourth Edition by Owen Bishop. 5. Electronics Fundamentals: Circuits, Devices & Applications (8e) by Thomas L. Floyd & David M. Buchla. 						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
XEC02	CO1	3	3	3	3	3	1	1	1	1	1	1	1
	CO2	3	3	3	3	2	1	2	1	1	1	1	1
	CO3	3	3	3	3	3	2	2	1	1	1	1	1
	CO4	2	3	2	2	-	1	-	-	-	-	-	1
	CO5	3	2	1	2	2	1	-	-	2	-	-	1
	CO6	3	2	2	2	3	-	-	-	2	-	-	1

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
CSS51	COMPUTER PROGRAMMING LABORATORY	PCR	0	0	3	3	2
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course Outcomes	CO1: To understand the principle of operators, loops and branching statements. CO2: Implementation of function, recursion, arrays, and pointers based several types of assignments. CO3: To detail out the operations of strings. CO4: To understand structure and union. CO5: Application of C-programming to solve various types of problems.						
Topics Covered	List of Experiments: 1. Programs on expression evaluation. 2. Programs on conditional statements and branching 3. Programs on iterations/loops. 4. Applications of Arrays 5. Programs on basics of functions and pointers. 6. Programs on string using array and pointers. 7. Programs on recursion. 8. Programs on structures, union. 9. Programs on File Operations. 10. Case Studies.						
Text Books, and/or reference material	Text Books: 1. Y. Kanetkar, "Let Us C", BPB Publications, Sixteenth edition, 2017. 2. B. S. Gottfried, "Programming with C", McGraw Hill Education, 4 th Ed., 2018. 3. E. Balagurusamy, "Computing Fundamentals and C Programming", McGraw Hill Education; Second edition, 2017. Reference Books: 1. P. Dey and M. Ghosh, "Computer fundamentals and programming in C", Oxford press, 2013. 2. R. Thareja, "Computer fundamentals and programming in C", Oxford press, 2013. 3. Schaum's Outline, Programming with C.						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSS51	CO1	3	3	2	-	-	2	-	-	-	-	-	-
	CO2	2	2	1	-	-	1	-	-	-	-	-	-
	CO3	3	2	2	-	-	1	-	-	-	-	-	-
	CO4	2	3	2	-	-	2	1	-	-	-	-	-
	CO5	3	3	3	-	1	2	1	-	-	-	-	-

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
PHS51	Physics Laboratory	PCR	0	0	2	2	1
Pre-requisites		Course Assessment methods: (Continuous evaluation (CE) and end assessment (EA))					
NIL		CE+EA					
Course Outcomes	CO1: To realize and apply different techniques for measuring refractive indices of different materials. CO2: To realize different types of waveforms in electrical signals using CRO. CO3: To understand charging and discharging mechanism of a capacitor. CO4: To understand interference, diffraction and polarization related optical phenomena. CO5: To acquire basic knowledge of light propagation through fibers.						
Topics Covered	1. Find the refractive index of a liquid by a travelling microscope. 2. Determine the refractive index of the material of prism using spectrometer. 3. Determination of amplitude and frequency of electrical signals by oscilloscope. 4. To study the characteristics of RC circuits. 5. To study Brewster's law/Malus' law using laser light. 6. To study the diffraction of light by a grating. 7. To study the interference of light by Newton's ring apparatus. 8. To determine numerical aperture of optical fiber. 9. Determination of Planck constant.						
Text and/or reference material	SUGGESTED BOOKS: 1) A Text Book on Practical Physics – K. G. Mazumdar and B. Ghosh 2) Practical Physics – Worsnop and Flint						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PHS51	CO1	3	2	1	-	-	-	-	-	2	1	-	1
	CO2	3	2	1	-	-	1	-	-	2	1	-	1
	CO3	3	1	-	-	-	-	-	-	2	1	-	1
	CO4	3	2	-	1	-	1	1	-	2	1	-	1
	CO5	3	2	1	-	1	1	1	-	2	1	-	1

Correlation levels 1, 2 or 3 as defined below: 1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
CYS51	CHEMISTRY LABORATORY	PCR	0	0	2	2	1
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
None		CT+EA					
Course Outcomes	<ul style="list-style-type: none"> • CO1: To learn basic analytical techniques useful for engg applications. • CO2: Synthesis and characterization methods of few organic, inorganic and polymer compounds of industrial importance. • CO3: Learn chromatographic separation methods. • CO4: Applications of spectroscopic measurements. 						
Topics Covered	<ol style="list-style-type: none"> 1. Experiments based on pH metry: Determination of dissociation constant of weak acids by pH meter. 2. Experiments based on conductivity measurement: Determination of amount of HCl by conductometric titration with NaOH. 3. Estimation of metal ion: Estimation of Fe²⁺ by permangometry 4. Estimation of metal ion: Determ. of total hardness of water by EDTA titration. 5. Synthesis and characterization of inorganic complexes: e. g. Mn(acac)₃, Fe(acac)₃, cis-bis(glycinato)copper (II) monohydrate and their characterization by m. p. , FTIR etc. 6. Synthesis and charact. of organic compounds: e.g.Dibenzylideneacetone. 7. Synthesis of polymer: polymethylmethacrylate 8. Verification of Beer-Lamberts law and determination of amount of iron present in a supplied solution. 9. Chromatography: Separation of two amino acids by paper chromatography 10. Determination of saponification value of fat/ vegetable oil 						
	<p><u>Suggested Text Books:</u></p> <ol style="list-style-type: none"> 1. Vogel's Quantitative Chemical Analysis (6th Edition) Prentice Hall 2. Advanced Physical Chemistry Experiments: By Gurtu&Gurtu 3. Comprehensive Practical Organic Chemistry: Qualitative Analysis By V. K. Ahluwalia and S. Dhingra <p><u>Suggested Reference Books:</u></p> <ol style="list-style-type: none"> 1. Practical Chemistry By R.C. Bhattacharya 2. Selected experiments in Physical Chemistry By N. G. Mukherjee 						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CYS51	CO1	2	1	-	1	-	-	-	-	-	-	-	-
	CO2	-	1	-	1	1	2	-	-	-	-	-	-
	CO3	2	-	-	1	1	-	-	-	-	-	-	-
	CO4	-	1	-	1	1	-	-	-	-	-	-	-

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
XES51	ENGINEERING GRAPHICS	PCR	1	0	3	4	2.5
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course Outcomes	<ul style="list-style-type: none"> • CO1: To develop the ability of mental visualization of different objects • CO2: To impart knowledge regarding standard conventions on lettering, dimensioning, symbols etc • CO3: To introduce with the theory of orthographic projection to solve problems on one/two/three dimensional objects • CO4: To prepare for the higher semester departmental drawings • CO5: To give exposure to read/interpret industrial drawing and to communicate with relevant people 						
Topics Covered	<ul style="list-style-type: none"> • Engineering Graphics as the language of engineers for communication; technical drawing tools and their up-keep; different types of lines and dimensioning in manual drawing [3P] • Scales and Geometric Construction: Use of different types of scales in engineering graphics- concept and geometric construction of Diagonal scale/Vernier scale; construction of curves of conic section, e.g., parabola, ellipse; curves of engineering importance such as spirals, cycloids, involutes and different loci of points; [6P] • Introduction to Computer Aided Drafting (CAD), Learning the basic commands and drawing with CAD software [9P] • Descriptive geometry: necessity and importance of orthographic projection; horizontal and vertical reference planes; first angle and third angle projection; orthographic projection of points, lines and planes, traces of lines. views from top, front and left (or right); true length and true inclination of lines with planes of projections; CAD assignment [9P] • Projection and section of simple regular solids, viz. prisms, cubes, cylinders, pyramids, cones, tetrahedrons, spheres, hemi-spheres etc. sectional views; true shapes of sections, CAD assignment [9P] • Isometric view and isometric projection of simple solids like cube, cylinder, pyramid, cone etc. [6P] 						
Text and/or reference material	<ol style="list-style-type: none"> 1. N.D.Bhatt & V.M.Panchal, Engineering Drawing, Charotar Publ. House, 2006. 2. Dhananjay A Jolhe, Engg. Drawing: With an Intro. to AutoCAD, TMH, 2008. 3. D.M. Kulkarni, A.P. Rastogi, and A.K. Sarkar., Engineering Graphics with AutoCAD, PHI Learning Private Limited, New Delhi 2009. 						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
XES51	CO1												
	CO2												
	CO3												
	CO4												
	CO5												

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
XES52	Basic Electrical and Electronics Laboratory	PCR	0	0	3	3	2
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course Outcomes	CO1: Learn to analyse the electric circuits using network theorems. CO2: Understand the characteristics of fluorescent lamp and compact fluorescent lamp. CO3: Analyze the behaviour of single phase and three phase AC circuits. CO4: Understand the application of electronics components, diode circuits as rectifier circuits and voltage regulators. CO5: Evaluate and study the performance of the transistor as a switch. CO6: Create inverting and non-inverting amplifier circuits using Op-Amp.						
Labs Conducted.	1. Verification of the network theorems (DC). 2. Study of the characteristics of fluorescent and compact fluorescent lamp. 3. Analysis of the three phase system for star and delta connected load. 4. Study of the series and parallel R-L-C circuit. 5. Identify and understand the use of different electronic and electrical instruments, various electronic components. 6. Study of half-wave and full-wave (bridge) rectifier with and without capacitor filter circuit. Zener diode as a voltage regulator. 7. Study the performance of a transistor as a switch through NOT gate. 8. Realization of Inverting and Non-inverting amplifier using Op-Amp.						
Text Books, and/or reference material	TEXT BOOK 1. Handbook of Laboratory Experiments in Electronics and Electrical Engineering by A M Zungeru , J M Chuma, H U Ezea. 2. Experiments Manual for use with Electronic Principles (Engineering Technologies and the Trades) by Albert Paul Malvino Dr., David J. Bates, et al. REFERENCE BOOKS 1. Laboratory Courses in Electrical Engineering (5 th Edition) by S. G. Tarnekar, P. K. Kharbanda, S. B. Bodhke, S. D. Naik, D. J. Dahigaonkar (S. Chand Publications). 2. The Art of Electronics 3e, by Paul Horowitz, Winfield Hill. 3. Electronic Principles, by Albert Paul Malvino Dr. and David J. Bate.						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
XES52	CO1	3	3	3	3	3	1	1	1	2	2	2	3
	CO2	3	3	2	3	3	3	1	1	2	2	2	3
	CO3	3	3	2	3	3	2	1	1	2	2	2	3
	CO4	3	3	3	3	3	1	1	1	2	2	2	3
	CO5	3	2	1	2	2	1	-	-	2	-	-	-
	CO6	3	2	2	2	3	-	-	-	2	-	-	-
	CO7	3	3	2	2	-	-	-	-	2	-	-	-

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
CSS52	DATA STRUCTURES AND ALGORITHMS LABORATORY	PCR	0	0	3	3	2
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course Outcomes	CO1: Understanding the suitability and compatibility of array and linked list implementations for different application problems. CO2: Understanding the concept of abstract data types from real-life scenarios and their implementation in computing system. CO3: Identify, design and implementation of stack, queue, binary tree, and graph as applicable for given problem. CO4: Implementation of different searching and sorting techniques using appropriate data structures and perform efficiency analysis. CO5: Create efficient algorithms for real-life applications.						
Topics Covered	List of Experiments: <ol style="list-style-type: none"> 1. Application of arrays using dynamic memory allocation. 2. Implementation and Applications of linked lists. 3. Implementation of stack, and applications of stack. 4. Implementation of queue, applications of queue: Priority queue. 5. Implementation of Binary tree, Binary tree traversal: Preorder, Inorder and Postorder traversal. 6. Implementation of binary search tree and operations on it. 7. Implementation of linear search, binary search (recursive, non-recursive). 8. Implementation of different sorting algorithms. 9. Implementation of graph algorithms: Breadth first search, Depth first search. 10. Case Studies. 						
Text Books, and/or reference material	Text Books: <ol style="list-style-type: none"> 1. S. Lipschutz, "Data Structures (Schaum's Outline Series)", McGraw Hill Education; First edition (2017). 2. E. Horowitz, S. Sahni, S. Anderson-Freed, "Fundamentals of Data Structures in C", Universities Press; Second edition (2008). 3. E. Balagurusamy, "Programming in ANSI C", McGraw Hill Education India Private Limited, Seventh edition (2017). Reference Books: <ol style="list-style-type: none"> 1. B. S. Gottfried, "Programming with C", McGraw Hill Education, 4th Ed. (2018). 						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSS52	CO1	-	1	1	1	-	-	-	-	-	-	-	-
	CO2	-	1	1	3	-	-	-	-	-	-	-	-
	CO3	2	2	3	2	1	-	-	-	-	-	-	-
	CO4	2	2	2	1	1	-	-	-	-	-	-	-
	CO5	3	3	3	3	3	-	1	1	-	-	1	2

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
XXS51	Extra Academic Activities	PCR	0	0	2	2	1
Pre-requisites		Course Assessment methods (Continuous (CT) and end assessment (EA))					
NIL		CT+EA					
Course Outcomes	<ul style="list-style-type: none"> CO1: Social Interaction through the medium of sports CO2: Team building and self defence 						
Topics Covered	<p>YOGA</p> <ul style="list-style-type: none"> Introduction of Yoga- Suryanamaskar. 1L Sitting Posture / Asanas – Padmasana, Vajrasana, Ardha Kurmasana, Ustrasana, Janusirshasana, Gomukhasana, Bhadrasana. 7L Mudra- Gyana Mudra, Chin Mudra. 1L Laying Posture/ Asana-Pavana Mukhtasana, Uttana Padasana, Sarpasana, Bhujangasana (Cobra Pose), Eka Pada Salabhasana, Dhanurasana, Chakrasana, Viparitkarani, Ardha Halasana (Half Plough Pose), Naukasana (Boat Posture), Shavasana (Relaxing Pose) , Makarasana. 7L Meditation-Om Chant. 1L Standing Posture / Asana-Tadasana (Mountain Pose), Vrikshana (Tree Pose), Ardha Chandrasana, Padahastasana, Ardha Chakrasana (Half Wheel Posture). 5L Pranayama-Deep Breathing, Anulom Vilom, Shitali, Bhramari. 5L Kriya- Kapalbhati 1L <p>TAEKWONDO</p> <ul style="list-style-type: none"> Introduction About Taekwondo- Meaning Of Taekwondo, Korean Language Of Dress, Fighting Area, Punch, Block, Kicks Etc. 1L Stance- Ready Stance, Walking Stance, Front Stance, Back Stance. 2L Punch Technique- Front Fist Punch, Double Fist Punch, With Stance Etc. Blocks- Upper Blocks, Middle Block, Side Block, Suto Etc. 4L Foot Technique- Standing Kick, Front Kick, Doliyo, Back Kick Etc. 6L Poomsae (Forms)- Jang, Yi Jang. 6L Self Defense Technique- Self Defense from Arms, Fist and Punch. 4L Sparring (Kyorugi)- One Step Sparring 2L Combination Technique- Combined Kick And Punch. 2L Project Work 1L 						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
XXS51	CO1	-	-	-	-	-	2	-	-	2	-	-	1
	CO2	-	-	-	-	-	-	-	2	3	-	-	1

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION

Minutes of the UGAC and PGAC Meeting held on 11/12/2023

Date: 11.12.2023

A joint UGAC and PGAC meeting held on **11.12.2023 (Monday)** at **11.00 am** at the meeting room of the academic section. The Chairman of UGAC and PGAC welcomed the members to the meeting and on approval of the Chairman; JR (A&E) placed the agenda items in the meeting for discussion.

Following resolutions were taken in an Item-wise manner.

Item # 1 To confirm the minutes of the meeting of the UGAC and PGAC held on 09.10.2023.

The minutes of the meeting of the UGAC and PGAC held on 09.10.2023 are confirmed as no comments are received from the members of UGAC and PGAC.

Item # 2 To consider the minutes of two meetings of examination disciplinary committee on the RA cases during odd semester examination 2023-2024.

The minutes of the meetings of Examination Disciplinary Committee held on 24.11.2023 and 08.12.2023 are recommended for approval.

(Annexure – I)

Item # 3 To consider the withdrawal appeals of the students.

Program / Department	Name	Reg. No.	Reasons of withdrawal
B.TECH / ME	SANKHASHUBHRA SARKAR	23U10694	Admission in Jadavpur University
B.TECH / EE	SAKSHAM SAHU	23U10574	Preparation of IIT entrance
B.TECH / CH	ANURAAG BISWAL	23U10509	Personal reasons
B.TECH / CS	SIDDHARTHA LAHA	23U10314	Personal reasons
M.Sc / CY	TUNMUN GHOSH	23P20254	Admission in Jhargram Raj College

The matter of withdrawal by the students is recommended for approval of Senate. The Institute fee and Hostel fee including caution deposit paid by the student will not be refunded.

No refund will be admissible to the candidates, who do not take admission to the Institute after final allotment of seats through centralized counseling such as CCMT, CCMN, CSAB, JoSAA, etc. Entire amount paid by such candidates during the counseling process and admission process will not be refunded.

hmi



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION

Minutes of the UGAC and PGAC Meeting held on 11/12/2023

- Item # 4** To consider the matter regarding floating of
- Two open elective subjects at the UG level by the Department of HSS.
 - Shakespearean Comedy (HSO441) – for 4th semester UG students
 - Shakespearean Tragedy (HSO743) – for 7th semester UG students
 - One open elective subject at 8th semester UG level by the Department of EE
 - Electrical Engineering Materials (EEO853)

The matter is recommended for approval.

- Item # 5** To consider the re-admission of Dyuti Biswas (Roll No. 21CE8012, Reg. No. 21U10163) in 4th semester 2023-2024.

The matter is recommended for approval following the UG regulations.

- Item # 6** To consider the matter of withdrawal from Minor program of
- Sohan Bera (Roll No. 21BT8046, Reg. No. 21U10563)
 - Harsh Daliya (Roll No. 21ME8153, Reg. No. 21U10253)
 - Abhay Sandip Fate (Roll No. 21CH8018, Reg. No. 21U10193).

The matter is recommended for approval.

- Item # 7** To consider the matter on appeal of the students for appearing in odd semester supplementary examination under medical reasons / family calamity.

Reg. No.	Roll No.	Name	Subject Code	Remarks
22U10128	22EC8014	Vishal Raghav	All subjects	Medical reasons
22U10033	22ME8008	Tanmay Bandhu Jaiswal	All subjects	Medical reasons
21U10682	21MM8057	V E Benjamin	MMC501 MMC502	Medical reasons
22U10822	22EC8090	Priyanshu Shaw	ECC301	Medical reasons
21U10381	21MM8034	Sattam Roy	ECC331	Medical reasons
22U10516	22EE8054	Dipan Dutta	EEC302	Medical reasons
21U10634	21ME8129	Satish	All subjects	Medical reasons
21U10844	21ME8173	Vineet Jeengar	MEC503	Medical reasons
21U10031	21ME8007	Annu Saha	MEC503	Medical reasons
21U10351	21MM8028	R. Kritikaa	MMC503	Medical reasons
21U10837	21MM8070	Nayan Laha	MMC502	Medical reasons
22U10448	22CS8113	Yaraguti Rahul P Reddy	All subjects	Sad demise of father
21U10233	21CY1003	Vidhi Shaw	CSO542	Medical reasons



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION

Minutes of the UGAC and PGAC Meeting held on 11/12/2023

21U10454	21ME8099	Satyam Saroj	MEC503	Medical reasons
20U10571	20CH8042	Divyanshu Kushwaha	EEO743	Medical reasons
22U10783	22ME8163	Debangshu Bhowmik	MEC303	Medical reasons
22U10529	22ME8111	Avinandan Chhatui	MEC303	Medical reasons
22U10012	22MM8001	Pritom Paul	MMC303	Medical reasons
21U10648	21CS8152	Hritik Kumar	CSC502 CSC503	Medical reasons
20U10457	20EE8051	Souham Karmakar	EEE716 EEE710	Medical reasons
21U10203	21EC8020	Nand Gopal Choubey	ECC501	Medical reasons
21U10254	21CS8072	Hritick Dangi	CSC502 CSC503	Medical reasons
21U10639	21CS8150	Abhishek Arya	CSC502	Medical reasons
21U10809	21ME8165	Harshit Agarwal	MEC504	Medical reasons
21U10484	21EC8047	Dona Ray	ECC503	Medical reasons
22U10238	22ME8056	Rahul Mondal	MEC301	Medical reasons
23P20120	23BT4510	Ananya Ray	MSc Examination on 04.12.2023	Medical reasons
21U10196	21EC8018	Biplab Pal	ECC503	Medical reasons
21U10190	21BT8016	Anish Dutta	BTC502	Medical reasons
20U10885	20CY1014	Rohit Chatterjee	CYC701, CYC702, CYC703, CYC704, MSC731	Medical reasons
23P20008	23HS4002	Souvik Roy	HS1004	Medical reasons
23P20018	23HS4004	Amartya Roy	HS1002 HS1003 HS1004	Medical reasons
23U10613	23E80077	Debopriyo Debnath	MAC01	Medical reasons


The matter is recommended for approval.

Item # 8 To consider the matter regarding the appeal of Purbasa Das (Roll No. 22EE4307, Reg. No. 22P10331) for conversion from M.Tech (Regular) to M.Tech (Off Campus mode) after successful completion of first year M.Tech Program.

The matter is recommended for approval.

Item # 9 To consider regarding content delivery, class timing, examinations of final semester students going for six-months internship in the AY2023-24.

Following recommendations were made for the approval of Senate - Students going for final semester internships will join classes online, appear in Mid Term


Dean (Academic Courses)
National Institute of Technology
Durgapur-713209 India



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
ACADEMIC SECTION
Minutes of the UGAC and PGAC Meeting held on 11/12/2023

and End Semester Examinations off-line at the NIT Durgapur Campus as per the schedule mentioned in Academic Calendar 2023-24. For this purpose, final both classes and examinations of final semester UG students may be conducted on weekends.

The meeting ended with vote of thanks to the Chairman.

Dean (Academic Courses)
National Institute of Technology
Durgapur-713209 India

Dean (Academic Courses)

Date: 11.12.2023

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

UGAC and PGAC meeting on 11.12.2023 Monday at 11 am.

Name of the faculty member	Department	Signature
JAYA SIKDER	Chemical Engg	Sikder 11.12.23
GAUTAM BANERJEE JAY	DMS	Banerjee 11.12.2023
S. N. Mahato	EE	Mahato 11.12.23
Debjani Dutta	BT	Dutta 11/12/23
A. B. Puri	ME (HOD)	Puri 11/12/23
Anindam Modak	HOD, HSS	Modak 11/12/23
S. Roy Barman	Assoc. Dean (A/E)	Barman
Sirshendu Mondal	Assoc. Dean (A/E)	Mondal
DURBADAL MANDAL	ECE	Mandal 11/12/23
M. K. Mandal	Phy	Mandal 11/12/23
A. K. Mandal	Assoc. Dean (A/B)	Mandal 11/12/2023
LK Dey	Mathematics	Dey 11/12/23
D. Das	CE	Das 11/12/23
S Bera	MME	Bera 11.12.23
Sudhansu Ray	Dean (PW)	Ray 11.12.2023
P. Kumbhakar	Dean (AR)	Kumbhakar 11/12/2023

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
INDIA

Academic Section

NITD/Exam Disciplinary/2023-24

Date: 08.12.2023

Minutes of the meetings of Examination Disciplinary Committee held on 24.11.2023 (Friday) and 08.12.2023 (Friday) at the meeting room of the Academic Section.

The Chairman welcomed the members in the meeting.

The matter of adoption of malpractice by the following students in the end term examination Odd Semester 2023-2024 was discussed and resolved that –

Sl. No.	Semester	Roll No.	Name of the student	Paper Name	Paper Code	Date of Examination	Invigilator	Remarks
1	5 TH	21CS8183	SOBHAG BAIRWA	Measurement and Instrumentation	EEO540	17/11/2023	DR. SANTANU PAUL	Copying from mobile phone
2	7 TH	20ME8090	MOHIT HALDER	Machining and Machine Tools	MEC501	18/11/2023	PROF. CHIRANJIB KOLEY	Copying from mobile phone
3	5 TH	21MM8035	GEET MANTRI	Manufacturing processes	MMC501	18/11/2023	DR. SUJAN KUMAR SAHA	Copying from a paper
4	5 TH	21MM8061	DEBABRATA HEMBRAM	Manufacturing processes	MMC501	18/11/2023	MR. TAPAS SADHUKHAN	Copying from a paper
5	5 TH	21BT8016	ANISH DUTTA	Unit Operations of Chemical Engineering – II	CHC531	18/11/2023	DR. KRISHNENDU PAL	Copying from a paper
6	5 TH	21EC8037	HRIYA PRASAD	Microwave Engineering	ECC502	20/11/2023	DR. DEBOJYOTI DE	Copying from a paper
7	7 TH	20MM8023	VINAYAK SONI	Secondary Steel Making	MME715	20/11/2023	MR. ANIMESH PATARI	Copying from mobile phone
8	7 TH	20EE8027	PEDDINTI RUCHITHA	Embedded Systems	EEE715	20/11/2023	PROF. GOPINATH HALDER	Copying from mobile phone
9	7 TH	20ME8066	J. SUBHASHREE	Introduction to Fracture Mechanics	MEE726	20/11/2023	DR. SUVRAJIT DAS	Copying from a paper
10	7 TH	20CS8019	SHREYA LAMA	Machine Learning	CSE710	20/11/2023	DR. KRISHNENDU PAL	Copying from a paper
11	7 TH	20ME8016	AYUSHI	Convective Heat and Mass Transfer	MEE721	20/11/2023	DR. NILANJAN CHATTARAJ	Copying from mobile phone
12	7 TH	20CS8022	SHREYA MONDAL	Machine Learning	CSE710	20/11/2023	DR. NILANJAN CHATTARAJ	Copying from mobile phone
13	7 TH	20ME8034	JOYITA MANDI	Convective Heat and Mass Transfer	MEE721	20/11/2023	DR. NILANJAN CHATTARAJ	Copying from a paper
14	7 TH	20EE8065	B. PRAVEEN KUMAR	Digital Signal Processing	EEE720	21/11/2023	DR. ARGHYA CHATTERJEE	Copying from calculator

Am
8/12/2023

15	5 TH	21CS8165	T. CHARAN TEJA	Compiler Design	CSE503	21/11/2023	DR. SOUMIK DAS	Copying from a paper
16	5 TH	21EC8062	B. VISHAL	Microprocessors and Microcontrollers	ECC503	21/11/2023	PROF. APURBA LAYEK	Copying from a paper
17	3 RD	22EE8083	ROHIT MEENA	Electrical and Electronics Measurement	EEC302	22/11/2023	DR. DEBASIS CHAKRABORTY	Copying from mobile phone
18	7 TH	20CS8139	SONAL KUMARI	Principles of Management	MSC731	23/11/2023	DR. KUNTAL JANA	Copying from a paper
19	1 ST	23B80082	KARTIK HAZRA	Ecology and Environment	ESC01	05/12/2023	DR. BISWAJIT HALDER	Copying from chit
20	1 ST	22D80153	SWASTIKA GHOSH	Computer Programming	CSC01	07/12/2023	MR. CHANDAN RUIDAS	Copying from hand
21	1 ST	22EE4106	DEVANSH TRIPATHI	High Voltage Engineering	EE1003	07/12/2023	DR. IRFAN AHMED	Copying from chit
22	1 ST	23D80077	NAJNIN SULTANA	Engineering Chemistry	CYC01	08/12/2023	DR RAJASHREE DAS	Copying from left hand and leg

1. The respective examination paper of the individual student is treated as cancelled.
2. The students may be allowed to appear for supplementary examination.
3. There will be a decrease of two letter grades but not below P in the successful attempt to clear the course.

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

Rui
8/12/2023

Dean (Academic Courses)
Date : 08.12.2023




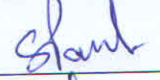


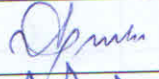




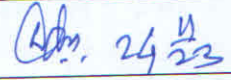
NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Examination Disciplinary Committee meeting on 08.12.2023 Friday at 4 pm.

Name of the faculty member	Department	Signature
Iqbal Ahmed	EE	<u>IQB</u>
A.B. Puri	ME (HOD)	A/B/Puri. 8/12/23.
N B. HUR	Dean (Ac)	<u>hmn</u> 8/12/2023
S. N. Mahanta	EE (HOD)	<u>(Signature)</u> 08.12.23
B HALDER	ME	<u>B Halder</u> 08.12.23

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Meeting on 24.11.2023 at 11.00 am regarding the issues of adopting unfair means in examinations.

Name of the faculty	Department	Signature
DR. DEBASIS CHAKRABORTY	HSS	 24/11/23
Dr. Soumik Das	Phy	 24.11.23
Dr. SUSAN KUMAR SAHA	CSE	 24/11/23
Dr. SANTANU PAUL	EE	 24.11.23
Dr. S. Joy BANMAN	Assoc. Dean (APE)	 24.11.2023.
Dr. Manab Mallik	MME	Manab Mallik 24/11/2023
Dr. Debojyoti De	BT	 24/11/2023
Dr. Apusba Layek	ME	 24/11/2023
A. B. Puri	ME	Abi 24/11/23
Tanmay De.	CSE	T-D 24/11/2023
Dr. Arghya Chatterjee	Phy	Arghya C 24/11/2023
Dr. S. N. Mahato	EE	 24.11.23
DURBADAL MANDAL	ECE	 24/11/23
JAYA SIKDER	ChE	 24.11.23
Gopinath Halder	ChE	 24/11/23
D. Das	CE	 24/11/23

Department of Humanities & Social Sciences							
Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
HSO441	Shakespearean Comedy	PEL	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
NIL		CT+MT+EA					
Course Outcomes		<ul style="list-style-type: none"> CO1: Learners will be familiarized with the variegated aspects of life depicted in Shakespeare's comedies. CO2: Learners will be introduced to the sublime beauty of Shakespeare's poetic language. CO3: Learners will develop the skill of critically appreciating a piece of literary work acknowledged as a classic. 					
Topics Covered		Textual study of any one or two of the following texts: As You Like It The Comedy of Errors Measure for Measure The Merchant of Venice A Midsummer Night's Dream The Tempest Twelfth Night The Winter's Tale					
Text Books, and/or reference material		Suggested Text Books: Arden Edition of Shakespeare's Plays Reference Books: 1. Shakespearean Comedy: H. B. Charlton (Routledge) 2. Shakespearian Comedy: S. C. Sengupta (Oxford UP) 3. A Shakespeare Manual: S C Sengupta (Oxford UP)					

Mapping of CO (Course Outcome) and PO (Programme Outcome)

POs / COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	-	-	-	-	-	3	3	3	3	2	-	3
CO2	-	-	-	-	-	1	1	-	-	2	-	3
CO3	-	-	-	-	-	2	1	3	1	2	-	3

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

Signature
12/10/23

Department of Humanities & Social Sciences							
Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
HSO743	Shakespearean Tragedy	PEL	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
NIL		CT+MT+EA					
Course Outcomes		<ul style="list-style-type: none"> • CO1: Learners will be familiarized with the variegated aspects of life depicted in Shakespeare's tragedies. • CO2: Learners will be introduced to the sublime beauty of Shakespeare's poetic language. • CO3: Learners will develop the skill of critically appreciating a piece of literary work acknowledged as a classic. 					
Topics Covered		Textual study of any one or two of the following texts: Romeo and Juliet Julius Caesar Hamlet Othello King Lear Macbeth Antony and Cleopatra Coriolanus Richard II					
Text Books, and/or reference material		Suggested Text Books: Arden Edition of Shakespeare's Plays Reference Books: 1. Shakespearean Tragedy: A. C. Bradley (Oxford UP) 2. Aspects of Shakespearean Tragedy: S. C. Sengupta (Oxford UP) 3. Shakespeare's History Plays: S C Sengupta (Oxford UP)					

Mapping of CO (Course Outcome) and PO (Programme Outcome)

POs COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	-	-	-	-	-	3	3	3	3	2	-	3
CO2	-	-	-	-	-	1	1	-	-	2	-	3
CO3	-	-	-	-	-	2	1	3	1	2	-	3

Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)

2: Moderate (Medium)

3: Substantial (High)

[Handwritten Signature]
15/10/23

Department of Electrical Engineering

Course Code	Title of the course	Program Core (PCR) / Electives (PEL)	Total Number of contact hours				Credit
			Lecture (L)	Tutorial (T)	Practical (P)	Total Hours	
EEO853	Electrical Engineering Materials	PEL	3	0	0	3	3
Pre-requisites		Course Assessment methods (Continuous (CT), mid-term (MT) and end assessment (EA))					
None		CT+MT+EA					
Course Outcomes	After completion of this subject, the students will be able to: <ul style="list-style-type: none"> • CO1: understand the fundamentals of atomic structure and basic properties of conductors. • CO2: understand the basic properties of dielectric materials along with their applications. • CO3: understand the basic properties of magnetic materials and their applications. • CO4: acquire basic knowledge of superconductors and their applications. 						
Topics Covered	<p>Atomic Structure: Review of Rutherford's Model and Bohr's Model related to simple Hydrogen atom; Nuclear binding energy and mass defect. Types of bonding and crystal structures, Atomic arrangement in solids, Band theory of solids; Conductors, Insulators and Semiconductors, Conductors: Electrical conductivity of metals, Lorentz theory, free electron theory, electron scattering. Intrinsic materials and alloys. Resistivity of conductors including alloys. Theory of electrical and thermal conduction in solids, temperature dependence of resistivity, skin effect, Hall effect. (12)</p> <p>Dielectric materials: Electrical properties of insulating materials: Volume and surface resistivity, dielectric constant, dielectric dissipation factor and dielectric strength. Thermal endurance of insulating materials. Polarization of dielectrics: Non-polar and polar dielectrics; Electronic, relaxation, ionic, dipole and interfacial polarization; Classification of dielectrics by polarization mechanism; Frequency dependence of permittivity and dielectric dissipation factor. Dielectric relaxation, Methods of modelling of dielectric relaxation, Electrets. Types of dielectric materials: Solid insulating materials-glass, mica, porcelain and ceramics-thermoplastics, cross-linking, thermosetting polymers, epoxy resins-silicon-hydrophobic insulators-composite insulators-Paper and pressboards-Oil impregnation-insulating liquids- mineral oil, vegetable oils, synthetic insulating liquids, Degradation of oil-paper insulation, Relaxation phenomenon for composite dielectrics like oil-paper insulation. Gaseous dielectrics: Properties of gases, breakdown phenomena gaseous insulation-air, Sulphur Hexafluoride-Nano dielectric materials as insulation. (16)</p> <p>Magnetic Materials: Atomic interpretation of ferromagnetic materials, Atomic exchange force, crystallographic forces, magnetic anisotropy, magnetostriction, Curie-Weiss law, Curie law, Curie temperature of ferromagnetic materials, Soft magnetic material, CRGO, Ni-Fe alloy and applications Hard magnetic materials Alnico, Alcomax and application, Ferrite-ferromagnetic materials and their applications, Piezo-electric materials. (10)</p> <p>Superconductors: Theory of super conductivities, critical field, critical current density, transition temperature; normal and superconductivity steps, Types of super conductor, high temperature superconductor and applications. (4)</p>						
Text Books, and/or reference material	<p>Text Books:</p> <ol style="list-style-type: none"> 1. Electrical Engineering Material by A. J. Dekker 2. Electrical Engineering Material by B. M. Tareev 3. Dielectric Materials and applications by A. Von Hippel. <p>Reference Books:</p> <ol style="list-style-type: none"> 1. Kuchler, High Voltage Engineering-Fundamentals, Technology and Application, Springer,2017. 2. K.C Kao, Dielectric Phenomena in solids, Elsevier, 2004. 						

Mapping of CO (Course outcome) and PO (Programme Outcome)

Course	COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
XXX	CO1	3					1	2					1
	CO2	3	1	1									1
	CO3	1	2	3									1
	CO4	2	3				1						1

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Annexure - 71.6.1

Date: 14.09.2023

Minutes of the meeting of Research Academic Committee (RAC) held on 14.09.2023 (Thursday) at 11.00am.

The Chairman welcomed the members to the meeting and the agenda was placed for discussion.

Item # 1 To confirm the minutes of meeting of the RAC held on 11.07.2023.

The minutes of the RAC meetings held on 11.07.2023 are confirmed as no comments on the meeting were received from the members.

Item # 2 To consider registration for Ph.D. programme of the following Scholars:

Sl. No.	Roll No.	Name of the Scholar	Dept.	Name of the Supervisor(s)	Date of Registration
1	20CS1501	Somnath Bhowmik	CS	Dr. J. Howlader Dr. S. Karmakar	31.05.2023
2	21CH1503	Sampurna Santra	CH	Dr. B. Das Dr. D. Datta	28.06.2023
3	22PH1501	Kripasindhu Kumar	PH	Dr. A. K. Meikap Dr. R. Sinha	30.06.2023
4	22CY1103	Pallav Mondal	CY	Dr. U. Adhikari	17.07.2023
5	22CS1106	Subhrangshu Adhikary	CS	Dr. S. Nandi Dr. A. Ghosh	17.07.2023
6	21CY1102	Rakhi Senapati	CY	Dr. D. Sukul	26.07.2023
7	22MS1501	Sarmistha Ghatak	MS	Dr. N. Banerjee Dr. S. Sarkar	27.07.2023
8	21ME1107	Avishek Mukherjee	ME	Dr. A. K. Pramanick Dr. S. Sengupta	27.07.2023
9	20ME1107	Ramit Choudhury	ME	Dr. A. Layek	28.07.2023
10	22CE1501	Debargha Banerjee	CE	Dr. R. P. Nanda	01.08.2023
11	21CS1102	Biswajit Patra	CS	Dr. D. R. Kisku	07.08.2023
12	21PH1105	Rajalaxmi Nath	PH	Dr. H. Chaudhuri	07.08.2023
13	21PH1501	Debapriya Nandi	PH	Dr. H. Chaudhuri Dr. S. Ghosh	07.08.2023
14	21PH1502	Premanshu Sekhar Dey	PH	Dr. H. Chaudhuri	07.08.2023
15	21EE1105	Samudra Panda	EE	Dr. S. Banerjee	18.08.2023
16	21ME1102	Arunabha Mahato	ME	Dr. S. C. Rana	21.08.2023
17	22HS1101	Dipra Biswas	HS	Dr. J. Banerjee	22.08.2023
18	21MS1501	Abhishikta Basak	MS	Dr. A. Ghosh	23.08.2023
19	21CH1101	Arnab Sau	CH	Dr. S. Dutta Dr. K. C. Ghanta	24.08.2023
20	21CH1105	Sinu Sanghamitra	CH	Dr. R. Ghosh Chaudhuri Dr. A. Hens	25.08.2023
21	22CE1107	Pawan Kumar Das	CE	Dr. S. Karmakar	29.08.2023
22	22PH1104	Rashbihari Layek	PH	Dr. P. Kumbhakar	29.08.2023
23	22MA1501	Debopriya Dey	MA	Dr. S. Kar Dr. D. K. Bhattacharya	30.08.2023
24	21MA1111	BikashKoli Roy	MA	Dr. S. Kar	30.08.2023
25	21MA1101	Abhijit Mondal	MA	Dr. P. Pal	30.08.2023
26	21CE1101	Amgoth Rajender	CE	Dr. A. K. Samanta	31.08.2023
27	21CE1106	Neetika Saha	CE	Dr. P. Topdar	04.09.2023

28	21CH1109	Sukhen Das	CH	Dr. B. K. Mondal Dr. M. Singh	08.09.2023
29	22CE1102	Tapabrata Chakraborty	CE	Dr. S. Pal Dr. M. K. Mandal	08.09.2023
30	22CY1104	Bhaskar Kumar Brahma	CY	Dr. U. Adhikari	11.09.2023
31	21EE1501	Jhuma Kundu Paul	EE	Dr. P. S. Bhowmik Dr. S. Moitra	12.09.2023
32	21EE1103	Anshu Choudhary	EE	Dr. P. S. Bhowmik	12.09.2023

The registration to the PhD programme of the above mentioned scholars are further recommended for approval on the dates as mentioned for the respective scholars as the requirements regarding the registration are fulfilled by the individual and were duly forwarded / recommended by the respective DSC.

Item # 3 To consider the name of the students to be awarded with Ph.D. Degree –who has completed the 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
1	NITD/PhD/CS/ 2018/01075	CS	Anindan Mondal	Hardware Trojan: Analysis of Attacks and Detection in the Context of Hardware Security	Dr. B. Sen Dr. S. Roy	12.07.2023
2	20RCY069	CY	Subhabrata Mabhai	Azo-linked CHEF-PET regulated 'turn-on' molecular probe for metal ion sensing	Dr. D. Banerjee	17.07.2023
3	19RPH008	PH	Piyali Chatterjee	Bimetallic Oxide Nanostructures for Photoelectrochemical Water Splitting and Photocatalytic Dye Degradation	Dr. A. K. Chakraborty	21.07.2023
4	NITD/PhD/EE/ 2013/00407	EE	Sambaran Ray	Performance Analysis and Assessment of Capacitance Requirement of Self-Excited Induction Generator	Dr. S. N. Mahato Dr. N. K. Roy	21.07.2023
5	NITD/PhD/CS/ 2018/01079	CS	Samriddhi Sarkar	Coalition Formation in Multi-agent Systems	Dr A. Dutta, Dr. M. C. Malta, ISCAP- Polytechnic of Porto, Portugal	04.08.2023
6	NITD/PhD/PH/ 2018/01071	PH	Shubhadip Atta	Development and characterization of rare-earth doped ferrite-polymer nanocomposite films for dielectric and magneto-dielectric behaviour	Dr. A. K. Meikap	11.08.2023
7	20RCY060	CY	Saikat Mandal	Bioactivity and anticancer property of Pt(II) & Pd(II) complexes of different bidentate chelates: their DNA/BSA binding, molecular docking and theoretical aspects	Dr. S. C. Moi	01.09.2023

The award of the PhD degree to the above mentioned scholars are noted on the dates as mentioned for the respective scholar, to be reported to the Senate for recommendation as the requirements regarding the award of Degree are fulfilled by the individual and those were duly forwarded / recommended by the respective DSC.

Item # 4 To consider the appeal for an extension of period of registration of the following scholars:

Sl. No.	Name of the Scholar	Roll No.	Registration No.	Date of Registration	Extension Applied for	No. of Times	Recommendation/Remarks
1	Soumyadip Das	16CE1311	NITD/PhD/CE /2018/ 01062	18.07.2018	From 18.07.2023 to 17.07.2024 (1 yr.)	1 st	Recommended for Extension from 18.07.2023 to 17.07.2024 (1 yr.) as per PhD regulations
2	A. Pruthvi Deep	17ME1103	NITD/PhD/M E/2018/ 01064	18.07.2018	From 18.07.2023 to 17.07.2024 (1 yr.)	1 st	Recommended for Extension from 18.07.2023 to 17.07.2024 (1 yr.) as per PhD regulations
3	Subrata Joarder	14/CA/150 5	NITD/PhD/C A/2016/ 00750	02.05.2016	From 01.05.2022 to 30.04.2024 (2 yrs.)	2 nd	Not considered by the RAC as this did not fulfill the norms of the PhD regulations as applicable for this case and it is referred to the Senate for further discussion /decision.
4	Rohit Sharma	15EC1106	NITD/PhD/EC /2016/ 00811	27.09.2016	From 27.09.2023 to 26.09.2024 (1 yr.)	3 rd	RAC recommended that the scholar may submit the thesis within 27.09.2023, if all formalities, as per PhD regulations, are fulfilled.
5	Prakash Kumar	12BT1502	NITD/PhD/BT /2015/ 00642	09.09.2015	From 09.09.2023 to 31.12.2023	4 th	Not considered by the RAC as this did not fulfill the norms of the PhD regulations as applicable for this case and it is referred to the Senate for further discussion /decision.
6	Debabrata Roy	16ME1301	NITD/PhD/M E/2017/ 00933	25.09.2017	From 24.06.2023 To 23.03.2024 (9 months)	2 nd	Recommended for Extension from 24.06.2023 To 23.03.2024 (9 months) as per PhD regulations.
7	Prithviraj Pramanik	17CS1110	NITD/PhD/CS /2018/ 01084	03.10.2018	From 03.10.2023 To 02.10.2024 (1 yr.)	1 st	Recommended for Extension from 03.10.2023 to 02.10.2024 (1 yr.) as per PhD regulations

8	Ankita Mukherjee	15CHE110 3	NITD/PhD/C H/2016/ 00808	27.09.2016	From 27.09.2023 to 26.09.2024 (1 yr.)	3 rd	Not considered by the RAC as this did not fulfill the norms of the PhD regulations as applicable for this case and it is referred to the Senate for further discussion /decision.
---	------------------	---------------	--------------------------------	------------	--	-----------------	---

The matter of Soumyadip Das, A. Pruthvi Deep, Debabrata Roy, Prithviraj Pramanik are recommended for approval as per the laid down provisions of the regulations for PhD program while the other cases were not considered by the RAC as they did not fulfil the norms of the said regulations as applicable for individual cases.

Item # 5 To consider the appeal for discontinuation/withdrawal from PhD Program of the following Scholars:

- Bijoy Rajak (Roll No. 21CY1103)-.
- Ritam Halder (Roll No. 22MAL1102)
- Suchanda Roy (Roll No. 22MAL1106)
- Kousik Samanta (Roll No. 22MAL1108)

The above matter has been discussed and as recommended by DSC of the students it is forwarded to the Senate for approval. However, the release will be subject to submission of original documents related to No Dues Certificates from Hostel, Library, Department and Scholarship Section. The matter of release of regular Institute fellows will be guided by the regulations of the programme while the release of other regular fellows will be guided by the regulations of the respective funding agencies.

Item # 6 To consider the matter regarding the approval for Campus release of:

- Soumen Sarkar (Roll No. 18CS1104, Reg. No. 21RCS019) joined University of Engineering and Management Jaipur as an Asst. Prof.
- Satyam Shivam Sundram (Roll No. 20EC1106) joined NIT Patna as a Technical Assistant.
- Biswajit Maity (Roll No. 19CS1104, Reg. No. 21RCS059, thesis submitted on: 25.07.2023) joined Institute of Engineering and Management, Kolkata as an Asst. Professor.

The above matter has been discussed and as recommended by DSC of the students it is forwarded to the Senate for approval. However, the release will be subject to submission of original documents related to No Dues Certificates from Hostel, Library, and Scholarship Section.

Item # 7 To consider the matter regarding the approval of reconstitution of DSC of the following Scholars:

- Pallav Mondal (Roll No. 22CY1103)- Inclusion of co-supervisor Dr. Sourav Laha (Dept. of Chemistry) along-with Dr. Utpal Adhikari (Dept. of Chemistry).
- Indradev Kumar (Roll No. 19CH1102, Reg. No. 21RCH072)-Inclusion of departmental faculty member Dr. A. K. Sadhukhan (CH) in place of Dr. P. Gupta (Retd. From Dept. of Chem. Engg.).
- Abhishek Banerjee (Roll No. 21BT1106)-Inclusion of co-supervisor Dr. Amita Barik (Dept. of Biotechnology) alongwith Dr. Sudit S. Mukhopadhyay (Dept. of Biotechnology).
- Jyotirmay Das (Roll No. 22MAL1103)- Inclusion of co-supervisor Dr. Somnath Hazra (IAI, TCG CREST) in place of Dr. Satyendra Kumar Mishra (IAI, TCG CREST) along-with Dr. Samarjit Kar (Dept. of Mathematics).

- Pratik Kumar Kundu (Roll No. 22MAL1104)- Inclusion of co-supervisor Dr. Sayan Chakraborty (IAI, TCG CREST) in place of Dr. Goutam Mukherjee (IAI, TCG CREST) along-with Dr. Lakshmi Kanta Dey (Dept. of Mathematics).
- Swarup Kumar Das (Roll No. 22MAL1105)- Inclusion of co-supervisor Dr. Apratim Chakraborty (IAI, TCG CREST) in place of Dr. Sajal Kumar Mukherjee (IAI, TCG CREST) along-with Dr. Satya Bagchi (Dept. of Mathematics).
- Rajesh Mukherjee (Roll No. 21CS1111)- Inclusion of co-supervisor Dr. Asish Bera, Dept. of CS&IS, BITS Pilani along-with Dr. Mamata Dalui (Dept. of Computer Sc. and Engg.).
- Swarup Mukherjee (Roll No. 18MS1504, Reg. No. 20RMS0029) inclusion of co-supervisor Dr. Supriyo Roy, BIT, Mesra along-with Dr. Anupam De (Dept. Management Studies).
- Deshmukh Swarup Sunil (Roll No. 19ME1106, Reg. No. 21RME050)-Inclusion of departmental faculty member Dr. Ratnesh Kumar (ME) in place of Dr. Asit Baran Puri (ME).
- Piklu Das (Roll No. 21EE1104)-Inclusion of co-supervisor Dr. Soumya Chatterjee (EE) along-with Dr. Chiranjib Koley (Dept. of Electrical Engg.).
- Sirshendu Banerjee (Roll No. 19CH1104, Reg. No. 21RCH087)- Inclusion of non-departmental faculty member Dr. Apurba Layek (ME) as DSC member in place of Dr. Jitamanyu Chakraborty (CY).
- ***TCG CREST here indicates The Chatterjee Group Centres for Research and Education in Science and Technology – having MoU with National Institute of Technology Durgapur.

The above matter has been discussed and as recommended by the respective DSC of the students the matter is recommended for approval.

Item # 8

To consider the matter of Sayon Satpati (Roll No. 23CY1101 in category A) regarding utilization / allowing his previous PhD course works/PhD registration which he has carried out as category C scholar (bearing Roll No. 21CY1104).

The matter could not be considered by RAC as there was no guidelines regarding transfer of credits in the existing regulations for PhD program and the student has taken a fresh admission in 2023.

Item # 9

To consider the matter of Amit Kumar Pramanik (Roll No. 18CS1509, Reg. No. 21RCS029, Pre-synopsis submission seminar given on 24.04.2023) regarding 2 months extension of PhD thesis submission.

He is permitted for submission of PhD thesis by 24.10.2023 as per PhD regulations or else the student will need to reappear in fresh pre-synopsis seminar thereafter.

Item # 10

To consider the matter regarding revision of emoluments and guidelines on service conditions for Research Personnel engaged in R&D programme of the Central Government Departments/Agencies (Ref.: F. No. 12-2/2019-U1, dated: 14 August, 2023, Govt. of India, Ministry of Education, Department of Higher Education, U1 Section).

The matter is noted for further necessary action by the Scholarship section of the Institute.

Item # 11

To consider the matter of Mitali Patra (Roll No. 22PH1109) regarding change of programme category from C to programme category B.

The matter is recommended by RAC on recommendation of the Department, because the Inspire scholarship awarded to the student by DST, GOI is prestigious and also there is no financial liability of the Institute in this regard.

Item # 12

To consider the matter of admission for academic year 2023-2024 under Visvesvaraya PhD scheme for Electronics and IT: Phase- II (05 full time seats are available for the department of CSE and ECE).

HC

The matter is considered for necessary action as per the approval from the competent authority of the Institute and the Nodal Officer, Visvesvaraya PhD scheme for Electronics and IT: Phase- II is entrusted to take further necessary action in this regard.

Item # 13 To consider the matter regarding validity of period for PhD (topic) registration for the Scholars who were admitted on or after Oct. 2018:

The issuance of PhD registration certificates is generally accorded as per the laid down provisions of the regulations of PhD program as applicable from time to time.

However, the research scholars of all categories admitted in PhD program on or after Oct. 2018 shall normally submit their PhD thesis within a period of six years from the date of enrolment in the PhD program (as per prevalent PhD regulations).

The submission of PhD thesis for the scholars admitted prior to Oct. 2018 will be in accordance with the provisions as laid down in the PhD regulations as applicable for them from time to time.

Item # 14 To consider the matter of Moumita Goswami (Roll No. 19CS1506) regarding permission to deliver pre-registration seminar.

The matter could not be considered as the permissible period for the said seminar has exceeded as per the laid down provisions of the regulations for PhD program.

The matter is referred to the Senate for further discussions / decision.

Item # 15 To consider the matter of Amandeep Minhas (Roll No. 22EE1106) regarding permission to allow his co-supervisor Dr. Arunava Naha (Uppsala University, Sweden) to remain present online during pre-registration seminar to be held.

The matter is recommended for approval from the competent authority of the Institute.

Item # 16 To consider the matter of Subhadip Mondal (Roll No. 20EE1104) regarding conduction of fresh Mid-semester Examination especially for him as he did not attend scheduled Even Semester 2022-2023 examination.

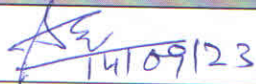
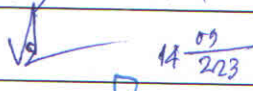
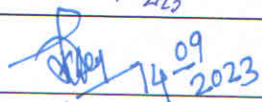

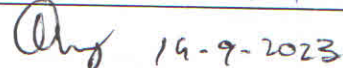
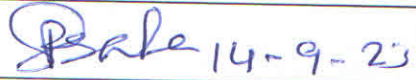
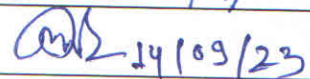
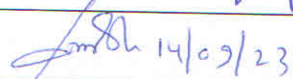
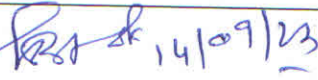

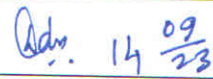
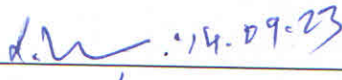

The matter is not considered by the RAC.

The meeting ended with vote of thanks to the Chairman.


Dean (Academic Research)
Date: 14.09.2023

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Research Academic Committee meeting held on 14-09-2023 (Thursday).

Name of the faculty	Department	Signature
1. Sankar Ch. Maji	Chemistry	 14/09/23
2. A. B. Puri	ME	A.Puri. 14/9/23.
3. A. Samanta	BEAT	 14-09-2023
4. LK Dey	Mathematics	 14-09-2023
5. JAYA SIKDER	ChE	Jikder 14.09.23
6. BARNALI MAJI	MME	B.Maji's 14/9/23
7. Kalyan Adhikari	EES	 14/9/2023
8. Suchismita Roy.	Dean (Pw)	 14-9-2023
9. Rajnarayan Saha	CREW	 14-9-23
10. Shyam Sundar	BT	Sundar 14/9/23
11. DURBADAL MANDAL	ECE	 14/09/23
12. M. K. Mandal	phy	M.K.Mandal 14/09/23
13. Arindam Modak	HSS	 14/09/23
14. Kaushik Mandal	DMS	K.Mandal 14/09/23.
PARTHA S. BHOSMIK	EE (ASSOC. PROF.) & ASSOC. DEAN (AE)	 14/09/23
S. N. Mahato	EE	 14.09.23
T. De.	CSE	T. De 14/9/2023
D. Das	CE	 14-09-23
D. KALYAN	Dean (SW)	 14.09.23
S. CHANDER	PIC, Library	 14/9/23.

INTENTIONALLY LEFT IT BLANK

**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR**

MAHATMA GANDHI AVENUE, DURGAPUR - 713209 WEST BENGAL, INDIA

Date: 08.12.2023

Minutes of the meeting of Research Academic Committee (RAC) held on 08.12.2023 (Friday) at 11.00am.

The Chairman welcomed the members to the meeting and the agenda was placed for discussion.

Item # 1 To confirm the minutes of meeting of the RAC held on 14.09.2023.

The minutes of the RAC meetings held on 14.09.2023 are confirmed as no comments on the meeting were received from the members.

Item # 2 To consider registration for Ph.D. programme of the following Scholars:

Sl. No.	Roll No.	Name of the Scholar	Dept.	Name of the Supervisor(s)	Date of Registration
1	22CE1103	Sahinur Rahaman Mondal	CE	Dr. S. Pal Dr. R. Ghosh Chaudhuri	08.09.2023
2	20EC1502	Debabrata Kumar Das	EC	Dr. H. K. Mondal	08.09.2023
3	21ME1106	Subham Show	ME	Dr. A. Datta Dr. S. Mondal	08.09.2023
4	22ME1104	Vivek Kumar	ME	Dr. A. Datta Dr. S. Mondal	08.09.2023
5	21EE1107	Vivek Ranjan	EE	Dr. S. Halder	12.09.2023
6	22PH1101	Subhadip Rana	PH	Dr. M. K. Mandal	18.09.2023
7	22PH1105	Raja Ray	PH	Dr. S. Sahoo	20.09.2023
8	22PH1106	Hrushikesh Mahapatra	PH	Dr. S. Sahoo	20.09.2023
9	21BT1102	Maithili Adhikary	BT	Dr. S. Chaudhuri	21.09.2023
10	21EE1106	Sayak Mondal	EE	Dr. P. Acharjee Dr. A. Bhattacharya	22.09.2023
11	21MM1107	Amit Dhar	MM	Dr. M. Mallik Dr. S. Bera	25.09.2023
12	21CS1106	Suman Nandi	CS	Dr. A. Dutta	25.09.2023
13	21PH1106	Sashikanta Barik	PH	Dr. H. Subramanian	26.09.2023
14	21BT1101	Debarpita Dutta	BT	Dr. S. Roy Barman	26.09.2023
15	21CS1107	Sumana Naskar	CS	Dr. M. Dalui Dr. D. K. Jana	26.09.2023



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
MAHATMA GANDHI AVENUE, DURGAPUR - 713209 WEST BENGAL, INDIA

16	21CS1105	Som Banerjee	CS	Dr. M. Dalui	26.09.2023
17	21CE1105	Sukamal Kanta Ghosh	CE	Dr. D. Das	27.09.2023
18	21ME1103	Deepak Kumar Raj	ME	Dr. A. Datta	27.09.2023
19	21BT1104	Sharad Ghosh	BT	Dr. S. S. Mukhopadhyay	05.10.2023
20	21CS1104	Khitish Kumar Gadnayak	CS	Dr. M. Saha	05.10.2023
21	21BT1103	Pinkan Sadhukhan	BT	Dr. N. Mahata	06.10.2023
22	21CH1505	Sumit Mahto	CH	Dr. B. Das Dr. D. Datta	09.10.2023
23	21MA1109	Sk Nurul Hasan	MA	Dr. G. Panigrahi	10.10.2023
24	22CS1102	Rohit Agarwal	CS	Dr. D. Nandi Dr. N. Murmu	10.10.2023
25	21CH1104	Kumar Roshan Bedia	CH	Dr. T. Mandal	11.10.2023
26	21EC1104	Sayani Bindai	EC	Dr. R. Ghatak Dr. S. Ranwa	17.10.2023
27	21BT1105	Sourav Paul	BT	Dr. A. Bhattacharjee	18.10.2023
28	20HS1501	Somjit Halder	HS	Dr. S. Banerjee	19.10.2023
29	22EE1101	Biswapratim Roy	EE	Dr. A. Dey Dr. J. Dey	07.11.2023
30	21EE1104	Piklu Das	EE	Dr. C. Koley Dr. S. Chatterjee	09.11.2023
31	22CS1105	Rimpa Dutta	CS	Dr. S. Karmakar	16.11.2023
32	21EC1505	Debrupa Pal	EC	Dr. B. Maji Dr. S. Das	28.11.2023
33	21EC1504	Debasmita Manna	EC	Dr. B. Maji Dr. S. Panda	29.11.2023
34	21EC1506	Manali Dhar	EC	Dr. B. Maji Dr. S. Panda	30.11.2023
35	22CS1101	Subhayu Ghosh	CS	Dr. N.D. Jana	30.11.2023
36	22EE1105	Raghuwansh Singh	EE	Dr. S. Halder	04.12.2023

The registration to the PhD programme of the above mentioned scholars are further recommended for approval on the dates as mentioned for the respective scholars as the requirements regarding the registration are fulfilled by the individual and were duly forwarded / recommended by the respective DSC.



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MAHATMA GANDHI AVENUE, DURGAPUR - 713209 WEST BENGAL, INDIA

Item # 3 To consider the name of the students to be awarded with Ph.D. Degree –who has completed the 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
1	NITD/PhD/EE/2015/00661	EE	Biswaranjan Mishra	Novel Solution Approaches of Power Systems Static and Dynamic State Estimation with Optimal Placement of PMUs	Dr. S. S. Thakur, Dr. C. K. Panigrahi Dr. S. Mallick	18.09.2023
2	NITD/PhD/CH/2017/00924	CH	Payel Mondal	Ethanol Production from Waste Starchy Biomass and its Utilization	Dr. A. K. Sadhukhan, Dr. A. Ganguly Dr. P. Gupta	20.09.2023
3	19REE047	EE	Anitha Bhukya	Detection and Localization of Partial Discharge Sources in Air-insulated Substations using UHF Sensors	Dr. C. Koley	10.10.2023
4	NITD/PhD/MM E/2017/00842	MM	Arvind Kumar Jaiswal	Low-Cost Synthesis and Characterization of Boron Nitride Reinforced Aluminium Based Metal Matrix Composite	Dr. B. Maji Dr. J. Maity	03.11.2023
5	NITD/PhD/ChE /2014/00539	CH	Tanushree Ghosh	Studies on Carbon dioxide Physisorption Behaviour of Zeolite Granules during Pneumatic Transport in Converging and Uniform Risers	Dr. A. K. Sadhukhan Dr. J. P. Sarkar	28.11.2023
6	NITD/PhD/MS/2017/00987	MS	Amrita Bhattacharya	An Investigation on the Retail Investor Behaviour in Urban West Bengal: Influence of Demographic Profile	Dr. Avijan Dutta	05.12.2023
7	NITD/PhD/MA/2016/00827	MA	Partha Parichha	Development of Effective Estimation Strategies for Population Parameters in Sample Surveys	Late Dr. K. Basu Dr. A. Bandyopadhyay	06.12.2023

The award of the PhD degree to the above mentioned scholars are noted on the dates as mentioned for the respective scholar, to be reported to the Senate for recommendation as the requirements regarding the award of Degree are fulfilled by the individual and those were duly forwarded / recommended by the respective DSC.

PK



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
MAHATMA GANDHI AVENUE, DURGAPUR – 713209 WEST BENGAL, INDIA

Item # 4 To consider the appeal for an extension of period of registration of the following scholars:

Sl. No	Name of the Scholar	Roll No.	Registration No.	Date of Reg.	Extension Applied for	No. of Times	Recommendation/Remarks
1	Sumit Ranjan Dasgupta	15HS1506	NITD/PhD/HS /2017/ 00937	25.09.2017	From 25.09.2023 to 24.09.2024 (1 yr.)	2nd	Recommended for Extension from 25.09.2023 to 24.09.2024 (1 yr.) as per PhD regulations.
2	Sameep Gehlot	15BT1102	NITD/PhD/BT /2017/ 00962	11.10.2017	From 11.10.2023 to 10.10.2024 (1 yr.)	2nd	Recommended for Extension from 11.10.2023 to 10.10.2024(1 yr.) as per PhD regulations.
3	Pranay Kumar Singh	16MS1101	NITD/PhD/M S/2018/ 01074	27.07.2018	From 27.07.2023 to 26.07.2024 (1 yr.)	1st	Recommended for Extension from 27.07.2023 to 26.07.2024(1 yr.) as per PhD regulations.
4	Shyam Sundar Jash	15EC1109	NITD/PhD/EC /2017/ 00973	30.10.2017	From 30.10.2023 to 29.10.2024 (1 yr.)	2nd	Recommended for Extension from 30.10.2023 to 29.10.2024(1 yr.) as per PhD regulations.
5	Arpita Das	16CE1304	NITD/PhD/CE /2017/ 00950	09.10.2017	From 09.10.2023 to 08.04.2024 (6 months)	2nd	Recommended for Extension from 09.10.2023 to 08.04.2024 (6 months) as per PhD regulations.
6	Indrani Banerjee	18CY1104	19RCY012	21.01.2019	From 21.01.2024 to 20.01.2025 (1 yr.)	1st	Recommended for Extension from 21.01.2024 to 20.01.2025(1yr.) as per PhD regulations.
7	Koustav Roy	15CHE1510	NITD/PhD/C H/2017/ 00976	13.11.2017	From 13.11.2023 to 12.11.2024 (1 yr.)	2nd	Recommended for Extension from 13.11.2023 to 12.11.2024 (1 yr.) as per PhD regulations.
8	Dipak Kumar	16CS1101	NITD/PhD/CS /2017/ 00983	08.11.2017	From 08.11.2023 to 07.11.2024 (1 yr.)	2nd	Recommended for Extension from 08.11.2023 to 07.11.2024 (1 yr.) as per PhD regulations.

The matter of extension of period of registration of the above scholars is recommended for approval as per the laid down provisions of the regulations for PhD program.

RK



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
MAHATMA GANDHI AVENUE, DURGAPUR - 713209 WEST BENGAL, INDIA

Item # 5 To consider the matter regarding the approval for extension of Pre- registration seminar:

Sl. No.	Name of the Scholar	Roll No.	Date of Admission	Extension for/till	No. of Times
1	Dinesh Singh	20ME1102	07.10.2020	6 months/till October 2023	1 st

The matter is not considered by the RAC as NoC from the employer was not submitted in accordance with the resolutions taken by the RAC in its meeting held on 27/01/2022 (Item No. 7).

Item # 6 To consider the appeal for discontinuation/withdrawal from PhD Program of the following Scholars:

- Raushan Kumar (Roll No. 18CS1512, Reg. No. 21RCS012)

The above matter is discussed and as recommended by DSC of the students it is forwarded to the Senate for approval. However, the release will be subject to submission of original documents related to No Dues Certificates from Hostel, Library, Department and Scholarship Section. The matter of release of regular Institute fellows will be guided by the regulations of the programme while the release of other regular fellows will be guided by the regulations of the respective funding agencies.

Item # 7 To consider the matter regarding the approval for Campus release of the following scholars:

- Ajay Kumar Mishra (Roll No. 18MM1103, Reg. No. 20RMM036) joined Automotive Research Association of India (ARAI), Chakan, Pune as a Research Engineer-I (Contractual).
- Sagorika Chakraborty (Roll No. 22ES1101) joined West Bengal General Service, Barjora RH, Bankura as a Food Safety Officer (Temporary).

The above matter is discussed and resolved that the matter of campus release of Ajay Kumar Mishra (Roll No. 18MM1103, Reg. No. 20RMM036) as recommended by DSC is forwarded to the Senate for approval. However, the release will be subject to submission of original documents related to No Dues Certificates from Hostel, Library, and Scholarship Section and NoC from the employer.

However, the matter of campus release of Sagorika Chakraborty (Roll No. 22ES1101) as recommended by DSC of the students is forwarded to the Senate for further discussion / decision as she has completed the course work requirements but the registration (topic) formalities have not been completed, yet. Also No Dues Certificates from Hostel, Library, and Scholarship Section and NoC from the employer are to be submitted.

RK



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MAHATMA GANDHI AVENUE, DURGAPUR – 713209 WEST BENGAL, INDIA

Item # 8 To consider the matter regarding the approval of reconstitution of DSC of the following Scholars:

- **Atosh Kumar Sinha** (Roll No. 19MM1103, Reg. No. 20RMM0027, under supervision of Dr. K. P. Yagati, Dr. S. Pramanik)- inclusion of departmental faculty member Dr. Bijay Kumar Show (MM) in place of Dr. Supriya Bera (MM).
- **Joyeeta Bose** (Roll No. 18CH1103, Reg. No. 20RCH0021, under supervision of Dr. J. Sikder, Dr. U. Adhikari)- inclusion of departmental faculty member Dr. Abhiram Hens (CH) in place of Dr. Parthapratim Gupta (Retired Prof., CH).
- **Asim Kumar Das** (Roll No. 17ME1301, Reg. No. 19RME041, under supervision of Dr. S. C. Rana) – inclusion of non-departmental faculty member Dr. Ajit Kumar Meikap (PH) in place of Dr. Purnendu Ray (Retired Prof., CE).
- **Surbhi Swaroop** (Roll No. 17BT1105, Reg. No. 19RBT037, under supervision of Dr. A. Bhattacharjee) – inclusion of non-departmental faculty member Dr. Sankar Chandra Moi (CY) in place of Dr. Jitamanyu Chakrabarty (CY).
- **Suchandra Pal** (Roll No. 18BT1107, Reg. No. 21RBT022, under supervision of Dr. A. Bhattacharjee, Dr. D. De) – inclusion of non-departmental faculty member Dr. Sankar Chandra Moi (CY) in place of Dr. Jitamanyu Chakrabarty (CY).
- **Sourav Paul** (Roll No. 21BT1105, under supervision of Dr. A. Bhattacharjee) – inclusion of non-departmental faculty member Dr. Apurba Kumar Patra (CY) in place of Dr. Jitamanyu Chakrabarty (CY).
- **Arindam Ghosh** (Roll No. 17MA1113, Reg. No. 19RMA034, under supervision of Dr. S. Maitra) - inclusion of non-departmental faculty member Dr. Gautam Bandyopadhyay (MS) in place of Dr. Purnendu Ray (Retired Prof., CE).
- **Sudhir Kumar Barik** (Roll No. 17BT1104, Reg. No. 19RBT043, under supervision of Dr. K. Aikat)- inclusion of non-departmental faculty member Dr. Susmita Dutta (CH) in place of Late Dr. Kajla Basu (MA).
- **Manoj Saha** (Roll No. 20EE1102, Reg. No. 22REE091, under supervision of Dr. S. S. Thakur) - inclusion of co-supervisor Dr. Aniruddha Bhattacharya (EE).

The above matter is discussed and as recommended by the respective DSC of the respective students the matter is recommended for approval.

Item # 9 To consider the matter of Vivek Kumar (Roll No. 22ME1104) regarding change of subject code in the published Even Semester 2022-2023 PhD course work result.

The matter is discussed and resolved that a revised grade card may be issued as there were typographical mistakes in the mark slip submitted by the respective faculty member.

Item # 10 To consider the matter of advertisement for admission in PhD programme during Even Semester 2023-2024.

The matter is discussed and resolved that the draft of the PhD advertisement will be placed to the Chairman, Senate for approval. (Annexure 1)



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
MAHATMA GANDHI AVENUE, DURGAPUR - 713209 WEST BENGAL, INDIA

Item # 11 To consider the matter of format of PhD registration certificate as per PhD regulation for the Scholars who were admitted on or after Oct. 2018:

The matter is discussed and the format as per the PhD regulations is recommended for approval.

(Annexure 2)

The registration certificates may be issued in this format (Annexure 2) to all Scholars who were admitted on or after Oct. 2018 and completed PhD registration.

Item # 12 To consider the following requests of Suman Kalyan Porel (Roll No. 23EC1501):

- (i) Conversion of PhD candidature from Category I to Category B
- (ii) Waiving off the admission fee for taking fresh Admission.

The matter as given in (i) and (ii) are discussed and resolved that the requests by the scholar cannot be considered as the criteria for admission to those categories are different. RAC further recommends that the candidate may apply for taking fresh admission against future advertisement for PhD admission in the Institute in the Category B.

However, the credits of course work earned by Suman Kalyan Porel (Roll No. 23EC1501) be carried forward, if the same is recommended by reconstituted DSC after his fresh admission, subject to the approval of the Senate, as at present no guideline is given regarding transfer of credits in the existing regulations for PhD program.

Item # 13 To consider the matter regarding recommendation/adoption of one non-departmental faculty member of the institute having PhD degree (Nominated by the Senate) in the Doctoral Scrutiny Committee (DSC) of the scholars admitted in odd semester 2023-2024 (as per form-3).

The matter is discussed and the list as recommended will be placed to the Senate for approval.

(Annexure 3)

Item # 14 To consider the matter of introduction of revised checklist for different activities related to PhD programme.

The matter is discussed and the revised check list is recommended for approval.

(Annexure 4)

RH



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
MAHATMA GANDHI AVENUE, DURGAPUR - 713209 WEST BENGAL, INDIA

Item # 15 To consider the matter of scholars who have not paid semester registration fees for more than one/two semesters.

PhD regulations clause states "4.0. Semester Registration

4.1. A student enrolled in the Ph.D. program will be required to register every semester along with endorsement of satisfactory progress by the DSC (vide Ph.D. SEMESTER REGISTRATION FORM (PSRF), FORM-2) and by paying tuition fees and other Institute dues. The Semester registration is different from PhD registration. A research scholar shall appear before the DSC at the end of each semester to make a presentation of the progress of his/her work for evaluation and further guidance. The DSC shall submit the approved progress report along with the registration form to the Academic Section.

4.3. Failure to do semester registration within the stipulated dates as per Academic Calendar will result in termination of studentship, which in a very special case can be restored by the Senate on consideration of all circumstances, payment of additional fines and extension of thesis submission date."

Resolved that necessary formalities in accordance with the laid down provisions may be initiated on the matter of scholars who have not paid semester registration fee for more than one/two semesters.

The meeting ended with vote of thanks to the Chairman.

R. Kumaran
Dean (Academic Research)
Date: 08.12.2023

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

RAC meeting on 08.12.2023 Friday at 11 am.

Name of the faculty member	Department	Signature
GAUTAM BANDYOPADHYAY	DMS	<i>Gautam Bandyopadhyay</i> 08.12.2023
Partho Sathee Bhattacharya	Assoc. Prof, EE	<i>Partho Sathee</i> 08/12/2023
PINAKI PAL	MA	<i>P. Pal</i> 8/12/23
Showmen Saha	CE	<i>Saha</i> 8/12/23
JAYA SIKDER	CHE	<i>J. Sikder</i> 08.12.23
R N SAHA	CREW	<i>R. N. Saha</i> 08.12.23
Kalyan Bhattacharya	EEC	<i>Kalyan Bhattacharya</i> 08/12/2023
RAJAT MAHAPATRA	ECE	<i>Rajat Mahapatra</i> 08/12/2023
DURBADAL MANDAL	ECE	<i>D. Mandal</i> 08/12/23
Debjani Datta	BT	<i>Debjani Datta</i> 8/12/23
Sankar Ch. Moir	Chemistry	<i>Sankar Ch. Moir</i> 8/12/23
Prasenjit-Choudhury	IoTIS	<i>Prasenjit Choudhury</i>
Supriya Bera	MME	<i>S. Bera</i> 8.12.2023
S. N. Mahato	EE	<i>S. N. Mahato</i> 08.12.23
S K Rai	HSS	<i>S. K. Rai</i> 8/12/23
S CHOUDHURY	CSE	<i>S. Choudhury</i> 08/12/23
Sudismita Ray	Dean Fin.	<i>S. Ray</i> 08/12/2023
D. Das	CE	<i>D. Das</i> 08/12/23



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

Annexure 1

Ref. No.: NITD/AR/PhD/2023-24/Even Sem.

Date: XX.11.2023

NOTICE

Admission to Various Regular Ph.D Programs (Even Semester/2023-24) (As per the Ph.D Regulations of NIT Durgapur)

Link for online application: (link will be updated shortly to be provided by Head, Computer Centre)

Applications are invited from eligible candidates for Admission to PhD programs, Even Semester, 2023-24 under the following categories:

CATEGORY-A. Regular Research Scholar with Institute Fellowship:

Vacancy of Regular Research Scholar with Institute Fellowship (Category-wise)												
Sl. No.	Dept.	OP	OP-PwD	OBC-NCL	OBC-NCL-PwD	EWS	EWS-PwD	SC	SC-PwD	ST	ST-PwD	Total
1	Biotechnology (BT)	0	1	0	0	1	0	1	0	0	0	3
2	Civil Engg. (CE)	0	0	1	1	1	0	0	0	1	0	4
3	Chemical Engg.(CH)	3	0	2	0	0	0	1	0	1	0	7
4	Computer Sc. & Engg. (CS)	0	0	2	0	2	0	1	0	1	0	6
5	Chemistry (CY)	0	1	2	0	1	0	1	0	0	0	5
6	Electronics & Comm. Engg. (EC)	1	0	2	0	1	0	1	0	1	0	6
7	Electrical Engg. (EE)	0	0	0	1	1	0	0	0	0	0	2
8	Earth & Environmental Studies (ES)	1	0	1	0	0	0	0	0	0	0	2
9	Humanities & Social Sciences (HS)	0	0	1	0	0	0	1	0	0	0	2
10	Mathematics (MA)	1	0	0	0	0	0	1	0	0	0	2
11	Mechanical Engg. (ME)	0	0	1	0	1	0	1	1	1	0	5
12	Metallurgical and Materials Engg. (MM)	2	0	0	0	1	0	1	0	1	0	5
13	Management Studies (MS)	2	0	0	1	0	0	1	0	0	0	4
14	Physics (PH)	1	0	1	0	0	0	0	0	0	0	2
15	Centres (CREW, IoTIS)	0	0	0	0	0	0	1	0	1	0	2
Total		11	2	13	3	9	0	11	1	7	0	57

CATEGORY B: Regular Research Scholar with Financial Support from the Government Programs (sponsored by CSIR, UGC, DBT, DST-INSPIRE, MeitY etc.)

Candidates seeking admission to PhD program having their fellowship from various government organisations such as CSIR, UGC, DBT, DST-INSPIRE, MeitY etc. (No Objection Certificate from the proposed Supervisor in the given format is to be submitted mandatorily during the application and admission process).

CATEGORY C: Regular Research Scholar Selected in Externally Funded Sponsored Projects in the Institute (No Objection Certificate from the Principal Investigator/Proposed Supervisor, indicating the duration for which the fellowship is available in the given format is to be submitted mandatorily during the application and admission process).

Category K: Regular Research Scholar without Institute Fellowship (Self-sponsored)

(Research Scholars under category K will pursue PhD programme at the Institute on full time basis without getting financial assistance from NIT Durgapur or any other funding agency.)

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

(Admission of such research scholars shall be made as per laid down terms and conditions in the MoU with respective institute/organization as applicable.)

Minimum Eligibility Criteria for Admission to PhD Program (Even Sem./ 2023-24)

Qualifying Degree*(for relevant discipline)	General/ OBC	SC / ST
M. Tech./ M.E./ M. Arch/M. Pharm / M. S. / MBA/ PGDBM/ PGDM	6.5 CGPA or 60% marks	6.0 CGPA or 55% marks
M. Sc./ M. Com./ MBBS/BDS	6.5 CGPA or 60% marks	6.0 CGPA or 55% marks
MA	6.0 CGPA or 55% marks	5.5 CGPA or 50% marks
MCA	7.5 CGPA or 70% marks	7.0 CGPA or 65% marks
B. Tech/ B.E./ B. Arch/B. Pharm / Equivalent	7.5 CGPA or 70% marks	7.0 CGPA or 65% marks
CA/ ICWAI/ CS with a graduation degree	6.0 CGPA or 55% marks	5.5 CGPA or 50% marks

Academic and other Qualifications

Category A: B. Tech/ B.E./ B. Arch/ B. Pharm / Equivalent with valid GATE.

M. Tech./ M.E./ M. Arch/ M. Pharm degrees with or without GATE qualification. Other Post Graduate or Graduate degrees (as listed) with any relevant NET qualification.

List of NETs:

CSIR, UGC, GATE, GPAT, DBT-JRF, JEST, ICMR, ICAR, NBHM, Bioinformatics National Certification Examination etc. However, these NET qualifications will have to be relevant to the qualifying degree of the candidate concerned. (OM No.: SB/S9/Z-01/2015, dated: 07.01.2015)

Categories B, C, D and E: As per the terms and conditions of the funding or sponsoring agency.

Categories F, G, H, I, J, and K: Same as category A, but GATE/NET qualification is not mandatory.

Category L: As per MoU



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

*All the degrees must be from an Institute/University recognized by UGC/AICTE/MoE, Govt. of India.

The eligibility criteria as given above is the minimum requirement only. Good academic career and higher qualification will be preferred. However, satisfying the mere eligibility shall not ensure a call for admission test and/or viva voce.

Candidates need to mention CGPA alongwith the Percentage of marks as awarded by their University/Institute only. In case of unavailability of Percentage of marks, NIT Durgapur norms for conversion of CGPA to the Percentage of marks will be applicable.

Relevant Academic Qualification Details of Various Departments are Listed Below:

Department/Center	Details of Relevant Disciplines (Even Sem./ 2023-24)
Biotechnology (BT)	B. Tech. /M. Tech/ MS/ M. Sc/B. Pharm./ M. Pharm./MBBS/BDS or equivalent degree in relevant discipline.
Civil Engineering (CE)	(i) B. Tech./B.E. or equivalent in Civil Engineering /Construction Engineering /Earthquake Engineering /Structural Engineering /Aerospace Engineering OR in any branch of Engineering that may be considered for research areas consistent with Civil /allied Engineering, WITH OR WITHOUT M.E./M. Tech./ M.S. in the relevant discipline. (ii) 5 year Integrated/ dual degree M. Tech. in Civil Engineering /Construction Engineering /Earthquake Engineering / Structural Engineering /Aerospace Engineering.
Chemical Engineering (CH)	Category A (i) B. E. /B. Tech. in Chemical Engineering/ Chemical Technology/ Mechanical Engineering/ Metallurgical/ Metallurgical and Materials Engineering/ Civil Engineering/ Bio technology/Polymer Technology/Computer Science & Engineering/Information Technology/Environmental Science and Engineering. (ii) B.E. / B. Tech. in Chemical Engineering/ Chemical Technology/ Mechanical Engineering/ Metallurgical/ Metallurgical and Materials Engineering/ Civil Engineering/ Bio technology/Polymer Technology/Computer Science & Engineering/Information Technology/Environmental Science and Engineering with M.E./M. Tech./M.S. in any relevant discipline. (iii) 5 year Integrated/ dual degree M. Tech. in Chemical Engineering. (iv) M. Sc. in Chemistry/Physics/Mathematics /Environmental Sc. or Engg. (with Maths in HS or 10+2 level) The candidate must have completed the academic program(s) in normal duration with no repeat of years. Categories B to J: (Any of the following) (i) B. E./ B. Tech. or equivalent in Chemical Engineering or in any relevant discipline. (ii) M.E./ M. Tech. or equivalent in Chemical Engineering or in any relevant discipline. (iii) 5 year Integrated /dual degree M. Tech. in Chemical Engineering or any relevant discipline. (iv) M. Sc. in any relevant discipline.
Computer Science & Engineering (CS)	(i) UG Programme in Engg. /Tech. in CSE/IT/ECE/EE GATE (Qualified/valid Score) in CS only Or (ii) Two Year PG programme in Engg. /Tech in CSE/IT/ECE/EE, Or MCA/MSc.(Comp.Sc.) with relevant NET qualification (in JRF) /GATE (Qualified/valid Score) in CS only.
Chemistry (CY)	M.Sc. or M. Tech. in Chemistry/Applied Chemistry/ Engineering Chemistry/Chemical Science or Technology / Engineering/ Biochemistry/ Biological science/ Environmental Science or Technology / Engineering/ Material Science or Technology / Engineering (plastics, polymer, corrosion, nanotechnology, Biotechnology and related areas). In addition, chemistry should be one of the subjects at UG levels.
Electronics & Communication Engineering (EC)	Four year undergraduate programme in Engg. or Tech. in ECE/ EE/ CSE/ IT/ EI or an allied area Or M. Sc. (Physics) with specialization in Electronics/ Radio Physics and Electronics/ Material Science. Or M. Sc. (Electronics Science)/ M.Sc. (Electronics) Or Two year post graduate programme in Engineering/ Technology in ECE/ EE/ CSE/I T/ EI or an allied area. Or Integrated post graduate programme in Engg. or Technology in ECE/ EE / CSE /IT/EI.
Electrical Engineering (EE)	(i). B.E. / B. Tech. or Equivalent Degree in- (a) Electrical Engineering (EE), (b) Electrical & Electronics Engineering (EEE), (c) Electronics Engineering, /Electronics and Communication/Telecommunication Engineering (ECE), (d) Computer Science Engineering (CSE),(e) Electrical, Electronics & Computer Science Engineering (EECS), (f) Applied Electronics and Instrumentation Engineering (AEIE/EIE), (g) Instrumentation Engineering (IE), (h) Instrumentation and Control Engineering (ICE). And (ii). M. E. / M. Tech./ M. S. or any equivalent post graduate degree in the relevant disciplines with indicative broad area of research available: (a) Power System, (b)Electrical Machines, (c) Power Electronics, (d) Power Electronics & Machine Drives, (e) High Voltage Engg., (f) Control System, (g) Instrumentation/ Measurement, (h) Instrumentation & Control, (i) Bio-Medical



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

	Instrumentation, (j) Energy Systems/ Renewal Energy Systems, (k) Power Plant Engineering, (i) Internet of Things (IoT),(m) Embedded System, (n)Artificial Intelligence (AI), (o) Machine Learning (ML), (p) Image Processing, (q) Mechatronics, (r) Microwave Engineering, RF Microwave Engineering, (s) Computer networks, (t) Micro Electronics and VLSI, (u) Communication Engineering. Or B.E. / B. Tech. or equivalent with valid GATE score in EE.
Earth and Environmental Studies (ES)	A) Geology : M.Sc. /M.S. /M. Sc.(Tech.) in Geology/ Earth Science/Applied Geology and Geo informatics/ Applied Geology/ Geochemistry / Hydrogeology (or Ground water)/Agriculture. B) Environment: B. Tech./B.E. in Environmental Engineering/ Civil Engineering / Water Resources Engineering or Management; M. Tech./M.E. in Environmental Engineering/ Environmental Science and Technology/Water Resource Engineering/ Agricultural Engineering.
Humanities & Social Sciences (HS)	Economics: M.A. or M.Sc. in Economics/ Statistics/ Commerce. Interested candidates from other disciplines with PG degree may also apply, subject to the assessment of suitability by the department. English: M.A. in English/ Linguistics/ Cultural Studies. Interested candidates from other disciplines with PG degree may also apply, subject to the assessment of suitability by the department. Sociology: M.A. in Sociology. Interested candidates from other disciplines with PG degree may also apply, subject to the assessment of suitability by the department. Social Work: Master of Social Work (MSW) or M.A. in Social Work. Interested candidates from other disciplines with PG degree may also apply, subject to the assessment of suitability by the department.
Mathematics (MA)	P.G. degree in Mathematics/ Statistics/ Computer Science/ Physics, Or MCA Or M. Tech. with the following specializations: Operations Research, Operations Management, Optimization
Mechanical Engineering (ME)	Eligible degrees (i) B.E./ B. Tech. in Mechanical Engg./Production Engg. Or (ii) M. E./M. Tech. with the following specializations (a) Thermal Engg./Heat Power Engg., (b) Production Engg / Manufacturing Engg., (c) Machine Design, (d) Fluid Mechanics/Hydraulic Machines, (e) Power Engg., (f) Automobile Engg., (g) Applied Mechanics, (h) Mechatronics, (i) Robotics.
Metallurgical & Materials Engineering (MM)	B.Tech in Metallurgical and Materials Engineering/Mechanical Engg. /Production Engg./Ceramic Engg./Manufacture Engg./ Materials Science/Aeronautical Engg./Aerospace Engg./Nanoscience and Nanotechnology. Or M. Tech. in Metallurgical and Materials Engineering/Mechanical Engg./ Production Engg./Ceramic Engg./Manufacture Engg./Materials Science/Aeronautical Engg./Aerospace Engg./ Nanoscience and Nanotechnology. Or M. Sc. in Physics or Chemistry.
Management Studies (MS)	MBA with Specialization in Marketing or Finance or HR or HR & OB or Systems & Operations, OR Post Graduate Degree either in Economics or Statistics or Commerce or Psychology or Applied Psychology. Or B.Tech./M.Tech. with interest in doing research in Management and related disciplines. However, suitability of related disciplines will be judged by the Department.
Physics (PH)	M.Sc. in Physics/Applied Physics/Materials Science/Nanotechnology/Biophysics/ Electronics Science. Or M. Tech. in (Materials Science/Nanotechnology or equivalent).
Centres	
Centre for Research on Environment and Water (CREW)	B.Tech. /B. E. in Environmental Engineering/ Civil Engineering / Chemical Engineering / Water Resources Engineering or Management /Biotechnology/Metallurgy & Materials Sc./Computer Sc. Or M. Tech. /M. E./ M. Tech . Dual Degreein Environmental Engineering/ Environmental Science and Technology/ Agricultural Engineering / Nano Science and Technology/Civil Engineering / Chemical Engineering / Water Resources Engineering or Management /Biotechnology/Metallurgy & Materials Sc./ Computer Sc. Or M. Sc./MS/M.Sc. (Tech) in Geology/ Earth Science/ Applied Geology/ Geochemistry / Hydrogeology (or Groundwater) /Agriculture/Chemistry/Applied Chemistry/Physics/Mathematics/Biotechnology/M. Sc or M. Sc. (Tech) in Applied Physics, Geophysics, Biophysics, Engineering Physics, Environmental Science, Microbiology, Zoology, Botany, Applied Chemistry, Radiochemistry, Radiophysics, Geochemistry, Engineering Chemistry, Atmospheric Science, Oceanography, Computation Bioscience, Computational Geoscience, Seismology.
Centre of Excellence on IoT and Intelligent Systems (IoTIS)	i). B.E. / B. Tech. in Branch of Engineering /Technology Or ii). M.E. / M. Tech./MCA or equivalent Or iii). M. Sc. with requisite CGPA/percentage and NET qualification. Note: Proficiency in programming and mathematics/statistics is highly desirable and such skills will be tested during admission process.

* Please browse the webpages of respective department/centre for research areas and to know further details about the Institute at www.nitdgp.ac.in.



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

SCHOLARSHIP/FELLOWSHIP/FINANCIAL SUPPORT

Scholarship/Fellowship/Financial Support as per the norms of Ministry of Education (MoE), Government of India shall be available to all selected Regular Research Scholars (Category- A). The matter of Scholarship/Fellowship/Financial Support will be looked after by the office of Dean (SW).

APPLICATION PROCEDURE:

Mode of Submission of Application: Online (visit the Institute website www.nitdgp.ac.in).

Application Fee: The application fee of Rs 2,000/- (Rs 1,500/- for SC/ST/PwD and Women candidates), which is **non-refundable**, has to be paid to the following account through **NEFT or IMPS only**.

However, a valid document as proof of payment of successful transaction has to be produced by the candidate.

Account Details for Payment of Application Fee:

- Name of the Account: National Institute of Technology Durgapur
- Account Number: 8569101000352
- Name of the Bank: Canara Bank
- Name of the Branch: NIT Durgapur
- IFSC Code: CNRB0008569

IMPORTANT DATES AND EVENTS:

Events	Dates (Not yet finalized)
Opening Date for submission of Online Application	
Closing Date for submission of Online Application	
Publication of Applicant's List	
Verification of Submitted documents by the Respective Departments / Centres	
Publication of Shortlisted Candidates on the Institute website as prepared by the respective Departments / Centres	
Admission test and Viva-voce by the Respective Departments / Centres	
Publication of Results on the Institute website	
Admission and Enrollment of Selected candidates/ Physical Reporting to the Institute	
Publication of WAITLIST Candidates, if any	
Admission of Candidates from Waitlist, if required	
Commencement of Session	

* The applicants are advised to follow the institute website time to time for the updates, if any.

SELECTION PROCEDURE FOR PhD PROGRAMMES

(i) Selection of PhD candidates under categories A, B, C & K:

The shortlisting of applications will be made by the respective departments based on the documents submitted (online) and only the shortlisted candidates will be intimated for admission test and viva voce on the notified date. **All shortlisted candidates shall appear for the admission test.** There may be a further screening after the conduction of the admission test and before viva-voce, depending upon the number of candidates.

(ii) Selection of PhD candidates under category L: As per MoU.

(iii) The outline of the syllabus of the admission test: Candidates are referred to check the webpage of the respective Departments/Centres in the Institute website.

The admission committees of the respective departments are fully empowered and responsible for selection and their decision is final in the admission process.

The List of Selected Candidates will be published on the Institute website (www.nitdgp.ac.in).

HOSTEL ACCOMMODATION:

NIT Durgapur is a residential institute. Each and every regular scholar will be required to reside in hostels as per Institute rules, subject to the availability of vacant seats and regarding the matter of accommodation the office of Dean (SW) may be contacted.

FEES STRUCTURE OF PhD PROGRAMS OF ALL CATEGORIES:

The Fee structure for the Academic Session 2023-24 will be available in the Institute website(www.nitdgp.ac.in).



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

PhD REGULATIONS:

The admitted scholars will be subjected to PhD Regulations, 2022 (Amended) and further Amendments on Ph.D Regulations, 2022, if any, will be published in the Institute website. Applicants are advised to go through the details of rules & regulations available on the institute website (www.nitdgp.ac.in).

APPLICATION CHECKLIST FOR VARIOUS CATEGORIES (*DOCUMENTS TO BE UPLOADED ONLINE*):

Category A. Regular Research Scholar with Institute Scholarship:

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
 2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
 3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
 4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of document as proof of payment of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aadhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
- &
14. Self-attested copy of valid certificate (SC/ST) from a competent authority as per the format given in the website, if applicable.
 15. Self-attested copy of valid certificate in case of OBC candidates from a competent authority as per the format given in the website indicating the status regarding creamy layer, issued on or after 01/04/2023, if applicable.
 16. Self-attested of valid certificate in case of EWS candidates from a competent authority as per the format given in the website indicating the status regarding creamy layer, issued on or after 01/04/2023, if applicable.
 17. Self-attested copy of valid Person with Disability (PwD) certificate from a competent authority as per the format given in the website, if applicable.
- &
18. Self-attested copy of NET / GATE qualification certificate (as described in the eligibility criteria), as applicable.
 19. Self-attested copy of course completion certificate / Transcript for Result Awaited candidates.
 20. Self-attested copy of any other relevant documents.

Category B. Regular Research Scholar with Financial Support from Government Programs (sponsored by CSIR, UGC, DBT, DST-INSPIRE, MeitY etc.)

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
 2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
 3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
 4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination)).
 11. Self-attested copy of document as proof of payment of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aadhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
- &
14. Self-attested copy of a NET/ GATE qualification certificate, as per the requirement of the corresponding funding agency (in case of non requirement, a valid supporting document for non-requirement of NET/GATE qualification has to be produced), as applicable.
 15. Self-attested copy of No Objection Certificate from the Project Supervisor as per the format given in the website.
 16. Self-attested copy of any other relevant documents.

Category C. Regular Research Scholar Selected in Externally Funded Sponsored Projects in the Institute

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
5. Self-attested copy of Certificate of 10th Standard Examination.
6. Self-attested copy of Certificate of 12th Standard Examination.
7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination).
 11. Self-attested copy of payment for proof of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
- &
14. Self-attested copy of a NET/ GATE qualification certificate, as per the requirement of the corresponding funding agency (in case of non-requirement, a valid supporting document for non-requirement of NET/GATE qualification has to be produced), as applicable.
 15. Self-attested copy of No Objection Certificate from the Principal Investigator as per the format given in the website, indicating the duration for which the fellowship is available.
 16. Self-attested copy of any other relevant documents.

Category K. Regular Research Scholar without Institute Fellowship (Self-sponsored)

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
 2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
 3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
 4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
 5. Self-attested copy of Certificate of 10th Standard Examination.
 6. Self-attested copy of Certificate of 12th Standard Examination.
 7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
 8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
 9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
 10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination).
 11. Self-attested copy of payment for proof of application fees.
 12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
 13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.
- &
14. (a) For employed candidate:-Self-attested copy of No Objection Certificate from the present employer as per the format given in the website.
 - (b) For unemployed/self-employed candidate:- Self-declaration as per the format given in the website.
 15. Self-attested copy of any other relevant documents.

Category L. Regular Research Scholar under Collaborative/Joint PhD Programs

1. Self-attested copy of marks sheet / Grade card of 10th Standard Examination.
2. Self-attested copy of marks sheet / Grade card of 12th Standard Examination.
3. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Bachelor/UG program).
4. Self-attested copy of marks sheet / Grade card of the University/Institute Examinations (Masters/PG program).
5. Self-attested copy of Certificate of 10th Standard Examination.
6. Self-attested copy of Certificate of 12th Standard Examination.
7. Self-attested copy of Certificate of the University/Institute Examinations (Bachelor/UG program).
8. Self-attested copy of Certificate of the University/Institute Examinations (Masters/PG program).
9. Self-attested copy of relevant document showing CGPA-Percentage of marks conversion as followed in the qualifying degree awarding University / Institute.
10. Self-attested copy of proof of date of birth (Valid Birth certificate/ Admit card (10th Standard Examination).
11. Self-attested copy of payment for proof of application fees.
12. Self-attested copy of valid photo identity proof (Passport /Aaddhar card / Voter ID card).
13. Recent colour Photograph of Size: 3.5 cm x 3.5 cm in JPEG Format Only.

NOTE: In addition to the above documents, all aspiring candidates are required to upload/submit her/his full Signature (Size: 200px X 80px in JPEG/ JPG/ PNG Format Only) during the submission of online application form.

All announcements related to PhD admission will be made through the Institute website (www.nitdgp.ac.in). No communication will be made to any individual separately. Candidates are requested to visit the Institute website from time to time as required. The Institute will not be responsible in any manner if a candidate fails to visit /access the website in time.

The selected candidates will be required to produce all the original documents (as mentioned above for different categories, as applicable) for verification during their Admission Test/Physical Reporting/Admission (dates to be announced later) to the institute. Selected candidates are also advised to bring the printed application form, three copies of colour passport size photograph and a set of self-attested photocopies of all the required documents during Admission/Physical Reporting.



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA.

Website: www.nitdgp.ac.in

Additionally, all the selected candidates who will eventually turn out to be suitable for admission, will be required to submit the migration certificate (in original) at the time of physical reporting to the institute during the admission.

Misinformation/wrong information, submission of incomplete application, partly submitted application and submission of incorrect or false documents (during the process of application/admission) will lead to rejection of the application/ candidature at any time and the submitted fees, if any, will not be refunded.

Respective Department / Centre reserves the right to cancel incomplete applications (including applications submitted without relevant documents), if any. No correspondence/interim inquiries will be entertained from the candidates in connection with the process of selection including reasons for not being called for admission test / viva voce. Canvassing in any manner would also entail disqualification of the candidature.

Dean (Academic Research)
National Institute of Technology Durgapur

Annexure 2

Format for PhD Registration Certificate

This is to certify that **(Name of the scholar)** son/daughter of **(father's name of the scholar)** has been registered for his/her **PhD Degree** from this Institute and his/her Registration Number is **(Registration No.) Dated: dd.mm.yyyy**. This registration will remain valid for a period of **six years from the date of enrolment in the PhD program (Date of Enrolment: dd.mm.yyyy)**.

Date:
Durgapur

Dean (Academic Research)

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

OFFICE OF THE DEAN (ACADEMIC RESEARCH)

FOR APPROVAL OF THE SENATE NOMINEE IN THE DSC OF THE PhD SCHOLARS ADMITTED IN ODD SEMESTER 2023-2024

ANNEXURE 3

SL. NO.	ROLL NO.	PROG. CAT.	NAME OF THE SCHOLAR	NAME OF THE SUPERVISOR(S)	NAME OF THE PROPOSED DSC MEMBER FROM OTHER DEPARTMENT
DEPARTMENT OF BIOTECHNOLOGY					
1	23BT1102	B	ARPITA MUKHERJEE	DR. ASHISH KUMAR BHATTACHARJEE	DR. APURBA PATRA (CY)
2	23BT1103	A	RAHUL KUIRI	DR. SUDIPTA MONDAL	DR. SANKAR CHANDRA MOI (CY)
3	23BT1104	A	AISHANI RAY	DR. DALIA DASGUPTA MANDAL	DR. JITAMANYU CHAKRABORTY (CY)
4	23BT1105	B	RACHITA SAHU	DR. ASHISH KUMAR BHATTACHARJEE	DR. APURBA PATRA (CY)
5	23BT1106	B	BIDISHA PAL	DR. NIBEDITA MAHATA	DR. RAJNARAYAN SAHA (CY)
6	23BT1107	A	KIRTI JYOTI	DR. KAUSTAV AIKAT	DR. SUSMITA DUTTA (CH)
7	23BT1108	B	PRITI DAS	1. DR. DEBJANI DUTTA 2. DR. PRANAB KUMAR MONDAL, IIT GUWAHATI	DR. DIPANKAR SUKUL (CY)
8	23BT1109	A	SHREYA MUKHERJEE	1. DR. DEBJANI DUTTA 2. DR. OINDRILLA MUKHERJEE	DR. DIPANKAR SUKUL (CY)
9	23BT1501	I	GAJENDRA JOSHI	DR. KAZI SUFIA KHANNAM	DR. RAJNARAYAN SAHA (CY)
DEPARTMENT OF CIVIL ENGINEERING					
1	23CE1101	A	SHARWAR AHMED CHOWDHURY	DR. SUMAN SAHA	DR. SUPRIYA BERA (MM)
2	23CE1102	A	SOURAV SARKHEL	DR. RADHIKESH P. NANDA	DR. SUJIT KARMAKAR (ME)
3	23CE1103	A	ARINDAM PRASAD SINHA	1. DR. BANDHAN BANDHU MAJUMDAR 2. DR. SABYASACHI BISWAS	DR. SUJAN KUMAR SAHA (CS)
DEPARTMENT OF CHEMICAL ENGINEERING					
1	23CH1501	H	RAJKUMAR MAJUMDER	DR. SANDIP KUMAR LAHIRI	DR. APURBA LAYEK (ME)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING					
1	23CS1102	A	SURAJIT DUTTA	DR. BIBHASH SEN	DR. RAJAT MAHAPATRA (EC)
2	23CS1103	A	SUBHA SANKAR CHAKRABORTY	DR. PARAG KUMAR GUHA THAKURTA	DR. SAMARJIT KAR (MA)
3	23CS1104	A	HASIM ALI	DR. ABHIJIT SHARMA	DR. RAJIB KAR (EC)
4	23CS1106	A	AHANA PATRA	DR. SUVAMOY CHANGDER	DR. SUSMITA DUTTA (CH)
5	23CS1107	A	SUJATA BASU	DR. DEEPANWITA DAS	DR. JAYATI DEY (EE)
6	23CS1108	C	MOUMITA MOITRA	DR. SUJAN KUMAR SAHA	DR. CHIRANJIB KOLEY (EE)
7	23CS1109	A	NANDANA GHOSH	DR. ANKUSH ACHARYYA	DR. SATYA BAGCHI (MA)
8	23CS1110	A	SOUMYAJIT BASAK	DR. SANGHITA BHATTACHARJEE	DR. DURBADAL MANDAL (EC)
9	23CS1111	B	BRAHMANAND DUBEY	1. DR. ARVIND CHOUBEY 2. DR. NANDA DULAL JANA	DR. RAJAT MAHAPATRA (EC)

SL. NO.	ROLL NO.	PROG. CAT.	NAME OF THE SCHOLAR	NAME OF THE SUPERVISOR(S)	NAME OF THE PROPOSED DSC MEMBER FROM OTHER DEPARTMENT
10	23CS1112	B	MOUMI DAS	DR. SUVADIP BATABYAL	DR. ANIRUDDHA CHANDRA (EC)
11	23CS1113	B	DEBOLINA CHOWDHURY	DR. SUJOY SAHA	DR. CHIRANJIB KOLEY (EE)
12	23CS1501	I	SANJUKTA MISHRA	DR. PARAG KUMAR GUHA THAKURTA	DR. PARIMAL ACHARJEE (EE)
13	23CS1502	I	MOUSUMI SAHA	1. DR. DEEPANWITA DAS 2. DR. SUCHISMITA MAITI, NARULA INSTITUTE OF TECHNOLOGY, KOLKATA	DR. JAYATI DEY (EE)
14	23CS1503	I	SOMEN NAYAK	1. DR. NANDA DULAL JANA 2. DR. TAPAS SI, UNIVERSITY OF ENGG. AND MANAGEMENT, JAIPUR	DR. RAJAT MAHAPATRA (EC)
15	23CS1504	I	SUNIDHI PRIYADARSHINI	DR. SHYANTANI MAITI	DR. SUDIT SEKHAR MUKHOPADHYAY (BT)
16	23CS1505	F	RAJIB KUMAR CHATTERJEE	DR. DEBASHIS NANDI	DR. MRINAL KANTI MANDAL (PH)
17	23CS1506	I	MOUMITA DEB	DR. SUCHISMITA ROY	DR. SANKAR NARAYAN MAHATO (EE)
18	23CS1507	I	PARTHA PRATIM DASGUPTA	DR. SUBRATA NANDI	DR. DURBADAL MANDAL (EC)
19	23CS1508	I	ARNAB CHAKRABORTY	DR. SANGHITA BHATTACHARJEE	DR. RAJAT MAHAPATRA (EC)
20	23CS1509	I	SUBHRA PROKASH DUTTA	DR. SAJAL MUKHOPADHYAY	DR. RAJAT MAHAPATRA (EC)
DEPARTMENT OF CHEMISTRY					
1	23CY1101	A	SAYON SATPATI	DR. SUBHAS GHOSAL	DR. BIBHASH SEN (CS)
2	23CY1102	K	DUDEKULA KHASIM VALI	DR. SOURAV LAHA	DR. SUKADEV SAHOO (PH)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING					
1	23EC1101	A	SUSMITA SAMANTA	1. DR. SAPNA RANWA 2. DR. ROWDRA GHATAK	DR. MRINAL KANTI MANDAL (PH)
2	23EC1102	A	DIPTI SAKSHI SRIVASTAVA	DR. HEMANTA KUMAR MONDAL	DR. PINAKI PAL (MA)
3	23EC1103	B	NIRAJ NARAYAN	DR. ANIRUDDHA CHANDRA	DR. SUBHRABRATA CHOUDHURY (CS)
4	23EC1104	B	NEHA KUMARI	DR. NILANJAN CHATTARAJ	DR. TUSHAR KANTI BERA (EE)
5	23EC1501	I	SUMAN KALYAN POREL	DR. HEMANTA KUMAR MONDAL	DR. PINAKI PAL (MA)
6	23EC1502	I	ABHIJIT GHOSH	1. DR. BANSIBADAN MAJI 2. DR. ANILESH DEY, NAGAR COLLEGE, MURSHIDABAD	DR. SAJAL MUKHOPADHYAY (CS)
DEPARTMENT OF ELECTRICAL ENGINEERING					
1	23EE1101	A	SK MAHAMMAD SORIF	DR. SUPRIYA SARKAR	DR. SAMARJIT KAR (MA)

SL. NO.	ROLL NO.	PROG. CAT.	NAME OF THE SCHOLAR	NAME OF THE SUPERVISOR(S)	NAME OF THE PROPOSED DSC MEMBER FROM OTHER DEPARTMENT
2	23EE1102	A	IMRAN AHMAD	DR. IRFAN AHMED	DR. SUPRIYA BERA (MM)
3	23EE1103	A	DIPALI DEY	1. DR. TAPAS KUMAR SAHA 2. DR. JAYATI DEY	DR. APURBA LAYEK (ME)
4	23EE1104	A	SHUKLA KARMAKAR	1. DR. TUSHAR KANTI BERA 2. DR. AASHISH KUMAR BOHRE	DR. SUBHRABRATA CHOUDHURY (CS)
5	23EE1105	A	HEMANT PATEL	1. DR. AASHISH KUMAR BOHRE 2. DR. OMKAR YADAV	DR. SAMARJIT KAR (MA)
6	23EE1106	A	RAJEEV KUMAR	1. DR. JAYATI DEY 2. DR. TAPAS KUMAR SAHA	DR. ANIRUDDHA CHANDRA (EC)
7	23EE1107	A	BRAJESH KUMAR RAVI	1. DR. SANTANU PAUL 2. DR. RAJDIP DEY	DR. SAMARJIT KAR (MA)
8	23EE1501	I	SUDIP MODAK	1. DR. SUMAN HALDER 2. DR. SOUMYA CHATTERJEE	DR. ROWDRA GHATAK (EC)
9	23EE1502	I	KRISHNENDU MAITRA	1. DR. BIMAN KUMAR SAHA ROY 2. DR. RAJDIP DEY	DR. NILANJAN CHATTARAJ (EC)
10	23EE1503	I	MOU DAS MAHAPATRA	1. DR. BIMAN KUMAR SAHA ROY 2. DR. SHIBENDU MAHATA, DR. B. C. ROY ENGG. COLLEGE, DURGAPUR	DR. APARESH DATTA (ME)
11	23EE1504	I	SOUVIK DUTTA	1. DR. PARIMAL ACHARJEE 2. DR. AASHISH KUMAR BOHRE	DR. ROWDRA GHATAK (EC)
12	23EE1505	I	ALPANA BARMAN	1. DR. PARIMAL ACHARJEE 2. DR. OMKAR YADAV	DR. SAMARJIT KAR (MA)
DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES					
1	23HS1101	A	DEBAPRITI SENGUPTA	DR. JOYDEEP BANERJEE	DR. SUKADEV SAHOO (PH)
2	23HS1102	K	SAYANTANI SENGUPTA	DR. ANGSHU JAJODIA	DR. ANIMESH DUTTA (CS)
3	23HS1103	B	TANIA KOLEY	DR. JOYDEEP BANERJEE	DR. SUKADEV SAHOO (PH)
4	23HS1104	B	SAYANTAN PAHARI	1. DR. ARINDAM MODAK 2. DR. RUMPA DAS , MAHESHTALA COLLEGE, KOLKATA	DR. ANUPAM DE (MS)
5	23HS1501	I	PRASANTA RAKSHIT	1. DR. ARINDAM MODAK 2. DR. AVIJIT PRAMANIK, RAMKRISHNA MAHATO GOVT. ENGG. COLLEGE, PURULIA	DR. ANUPAM DE (MS)
6	23HS1502	H	RATUL BASU	DR. ANGSHU JAJODIA	DR. ANIMESH DUTTA (CS)
DEPARTMENT OF MATHEMATICS					
1	23MA1101	A	SHAESTA AZIM	DR. MD FIROZ ALI	DR. SOUMEN BASU (PH)

SL. NO.	ROLL NO.	PROG. CAT.	NAME OF THE SCHOLAR	NAME OF THE SUPERVISOR(S)	NAME OF THE PROPOSED DSC MEMBER FROM OTHER DEPARTMENT
2	23MA1102	A	ISHANI RAY	DR. SAMARJIT KAR	DR. PARIMAL ACHARJEE (EE)
3	23MA1104	C	SANTU HANSDA	DR. PINAKI PAL	DR. AJIT KUMAR MEIKAP (PH)
4	23MA1501	I	SANTU HATI	1. DR. GOUTAM PANIGRAHI 2. DR. KALIPADA MAITY, MUGBERIA GANGADHAR MAHAVIDYALAYA, BHUPATINAGAR, PURBA MEDINIPUR	DR. GAUTAM KUMAR MAHANTI (EC)
5	23MA1502	I	ANIRBAN PATRA	1. DR. SEEMA SARKAR (MONDAL) 2. DR. KRISHNA PADA DAS, MAHADEVANANDA MAHAVIDYALAYA, NORTH 24 PARGANAS	DR. SURABHI CHAUDHURI (BT)
DEPARTMENT OF MECHANICAL ENGINEERING					
1	23ME1101	A	KRISHANU ROY	1. DR. DEBABRATA GAYEN 2. DR. RANJAN KUMAR MITRA	DR. PIJUSH TOPDAR (CE)
2	23ME1102	A	SATRAJIT HALDER	1. DR. DEEPAK KUMAR 2. DR. SUJIT KARMAKAR	DR. GAUTAM KUMAR MAHANTI (EC)
3	23ME1103	A	MANISH THAKUR	DR. RATNESH KUMAR	DR. SUPRIYA BERA (MM)
4	23ME1104	A	MALWIKA CHOUDHARY	DR. RABINDRA NATH BARMAN	DR. TAMAL MANDAL (CH)
5	23ME1105	A	AMIRUZZAHAN MONDAL	1. DR. SHASHI KANT VERMA 2. SAIF AKRAM	DR. PINAKI PAL (MA)
6	23ME1106	A	ABHISHEK KUMAR	1. DR. JAYABRATA DHAR 2. DR. SIRSHENDU MONDAL	DR. MRINAL KANTI MANDAL (CH)
7	23ME1501	H	VIVEK KUMAR	1. DR. SIRSHENDU MONDAL 2. DR. APARESH DATTA	DR. PINAKI PAL (MA)
8	23ME1502	I	KOUSHIK CHATTERJEE	1. DR. JAGANNATH DE 2. DR. NILOTPAL BANERJEE	DR. RAJIB KAR (EC)
DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING					
1	23MM1101	A	ABHISHEK KUMAR	1. DR. MANAB MALLIK 2. DR. BARNALI MAJI	DR. KALLOL KHAN (ME)
DEPARTMENT OF MANAGEMENT STUDIES					
1	23MS1101	B	SUJIT PAUL	DR. AVIJAN DUTTA	DR. SANKAR NARAYAN MAHATO (EE)
2	23MS1102	B	PRIYANKA BISWAL	DR. AMLAN GHOSH	DR. SUBHANKAR ROY BARMAN (BT)
3	23MS1103	K	SAYANTAN GHOSH DASTIDAR	1. DR. MOUSUMI ROY 2. DR. PARIMAL PAL	DR. TAMAL MANDAL (CH)

SL. NO.	ROLL NO.	PROG. CAT.	NAME OF THE SCHOLAR	NAME OF THE SUPERVISOR(S)	NAME OF THE PROPOSED DSC MEMBER FROM OTHER DEPARTMENT
4	23MS1104	A	SOUVIK MITRA	DR. UMAMAHESWARARAO JADA	DR. SUPRIYA BERA (MM)
DEPARTMENT OF PHYSICS					
1	23PH1101	B	RANU KUNDU	DR. SAYANTARI GHOSH	DR. RAJNARAYAN SAHA (CY)
2	23PH1102	A	DIBYARANJAN NAYAK	DR. AJIT KUMAR MEIKAP	DR. ANITA PAL (MA)
3	23PH1103	A	SUSANTA MANDAL	DR. SAYANTARI GHOSH	DR. SUBHAS GHOSHAL (CY)
4	23PH1104	A	DOLAN ACHARYA	DR. KARTHIKEYAN J	DR. SUBHAS GHOSHAL (CY)
5	23PH1105	A	NANDITA PADHAN	DR. ARGHYA CHATTERJEE	DR. RAJNARAYAN SAHA (CY)
CENTRE FOR RESEARCH ON ENVIRONMENT AND WATER					
1	23CREW1101	B	RUPSA BISWAS	1. DR. GOPINATH HALDER 2. DR. HIROK CHAUDHURI	DR. DURBADAL MANDAL (MM)
CENTRE FOR BIOMEDICAL ENGINEERING & ASSISTIVE TECHNOLOGY					
1	23BEAT1101	A	ARANYAK BANERJEE	1. DR. BIBHASH SEN 2. DR. SUMAN HALDER	DR. NIRMAL BARAN HUI (ME)
CENTRE FOR ADVANCED RESEARCH ON ENERGY					
1	23CARE1101	A	KAMLESH CHANDRA SHARMA	1. DR. PARIMAL ACHARJEE 2. DR. SANTANU PAUL	DR. GAUTAM KUMAR MAHANTI (EC)

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

ACP-01: List of Documents to be submitted after Ph. D Pre-Registration Seminar (ALL DOCUMENTS TO BE SUBMITTED TOGETHER)

Document No. (to be stated on the document)	List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)	Remarks	Documents Submitted by the Scholars (Tick if Submitted)	Verified by Supervisor (s)	Verified by DSC Chairman/Head
1.	DSC Formation Document (FORM-3)	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
2.	Migration Certificate in original	If, not submitted during the Admission			
3.	Semester Registration Fee Payment Receipts (from the date of enrolment to till-date)	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
4.	Grade Cards of the PhD Course Works Done	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
5.	Registration Seminar Notice	Original & One photocopy			
6.	Seminar Attendance Sheet	Original & One photocopy			
7.	Registration Seminar Report (FORM-5)	Original & One photocopy			
8.	Synopsis (within 10-15 pages)	Two copies (first and last page duly signed by the supervisor and all the pages by the scholar)			
9.	List of Publications (with details)	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
10.	For Conference Publication- (i) Full paper, (ii) Presentation certificate and (iii) Letter of Acceptance as received from the conference organizers/committee	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
11.	For Journal Publication-(i) Full paper, (ii) Journal indexing certificate, (iii) Letter of Acceptance as received from the Editor	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
12.	Approval for the Period of Extension for pre-registration (topic) seminar, if any	(i) Copy of RAC (ii) Copy of Senate			
13.	Registration Fee Payment Receipt (Canara Bank, NIT Durgapur. A/C No. 8569101000352, IFSC: CNRB0008569)	In original or online payment receipt should be verified by the Bank			
DEADLINE OF SUBMISSION OF DOCUMENTS: Within 5 Working Days from the Date of Seminar.			Signature	Signature	Signature

*Additional documents, if required, are to be submitted.

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

ACP-02:: List of Documents to be submitted after Ph. D Enhancement Seminar (ALL DOCUMENTS TO BE SUBMITTED TOGETHER)

Document No. (to be stated on the document)	List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)	Remarks	Documents Submitted by the Scholars (Tick if Submitted)	Verified by Supervisor (s)	Verified by DSC Chairman/Head
1.	DSC Formation Document (FORM-3)	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
2.	Registration Certificate	(Xerox copies to be duly signed by the scholar & supervisor)			
3.	Semester Registration Fee Payment Receipts (from the date of enrolment to till-date)	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
4.	Grade Cards of the PhD Course Works Done	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
5.	Fellowship Enhancement Seminar Notice	Original & One photocopy			
6.	Enhancement Seminar Attendance Sheet	Original & One photocopy			
7.	Fellowship Enhancement Seminar Evaluation Report (FORM-6)	Original & One photocopy			
8.	Progress Report (within 10-15 pages)	Two copies (first and last page duly signed by the supervisor and all the pages by the scholar)			
9.	List of Publications (with details)	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
10.	For Conference Publication- (i) Full paper, (ii) Presentation certificate and (iii) Letter of Acceptance as received from the conference organizers/committee	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
11.	For Journal Publication-(i) Full paper, (ii) Journal indexing certificate, (iii) Letter of Acceptance as received from the Editor	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
12.	Approval for the Period of Extension for pre-registration (topic) seminar, if any	(i) Copy of RAC (ii) Copy of Senate			
DEADLINE OF SUBMISSION OF DOCUMENTS: Within 5 Working Days from the Date of Enhancement Seminar.			Signature	Signature	Signature

*Additional documents, if required, are to be submitted.

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

ACP-03: LIST OF DOCUMENTS TO BE SUBMITTED AFTER PhD PRE-SYNOPSIS SUBMISSION SEMINAR (ALL DOCUMENTS TO BE SUBMITTED TOGETHER)

Document No. (to be stated on the document)	List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)	Remarks	Documents Submitted by the Scholars (Tick if Submitted)	Verified by Supervisor (s)	Verified by DSC Chairman/Head
1.	DSC Formation Document (FORM-3)	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
2.	Semester Registration Fee Payment Receipts (from the date of enrolment to till-date)	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
3.	Grade Cards of the PhD Course Works Done	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
4.	Pre-Synopsis Submission Seminar Notice	Original & One photocopy			
5.	Pre-Synopsis Submission Attendance Sheet	Original & One photocopy			
6.	Pre-Synopsis Submission Seminar Report (FORM-7)	Original & One photocopy			
7.	Synopsis (within 15-20 pages)	Two copies (first and last page duly signed by the supervisor and all the pages by the scholar)			
8.	Registration Certificate	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
9.	List of Publications (with details)	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
10.	For Conference Publication- (i) Full paper, (ii) Presentation certificate and (iii) Letter of Acceptance as received from the conference organizers/committee	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
11.	For Journal Publication-(i) Full paper, (ii) Journal indexing certificate, (iii) Letter of Acceptance as received from the Editor	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			
12.	Approval for the Period of Extension for pre-registration (topic) seminar, if any	(i) Copy of RAC (ii) Copy of Senate			
Deadline of submission of documents: within 5 working days from the date of pre-synopsis submission seminar report			Signature	Signature	Signature

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

*Additional documents, if required, are to be submitted.

ACP-04:: LIST OF DOCUMENTS TO BE SUBMITTED DURING THESIS SUBMISSION FOR EVALUATION: (ALL DOCUMENTS TO BE SUBMITTED TOGETHER)

4.1. List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)

Document No. (to be stated on the document)	List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)	List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)	Documents Submitted by the Scholars (Tick if Submitted)	Verified by Supervisor (s)	Verified by DSC Chairman/Head
1.	Semester Registration Fee Payment Receipts (from the date of enrolment to till-date)	Two copies (Xerox copies to be duly signed by the scholar & supervisor) (document to be verified by the Head of Account section)			
2.	Thesis Submission Form (FORM-8)	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
3.	Detailed Plagiarism Report	Two copies (Xerox copies to be duly signed by the scholar & supervisor)			
4.	Plagiarism Report Certificate	Original & One photocopy			
5.	List of Examiners (summary) for Evaluation of PhD Thesis (FORM-10)	Original & One photocopy			
6.	Lists of Indian Examiners (in sealed envelope) (FORM-11) with brief biodata & specialization	Original & One photocopy			
7.	Lists of Foreign Examiners (in sealed envelope) (FORM-12) with brief biodata & specialization	Two copies (first and last page duly signed by the supervisor and all the pages by the scholar)			
	Synopsis of the Thesis	(To be duly signed by the scholar & supervisor(s))			
8.	Thesis (Hard Bound)print in both sides within 200 pages)-One copy	One Copy (Duly signed by the scholar & supervisor (s))			
9.	Thesis submission fee Payment Receipt (Rs. 6500/-) (Canara Bank, NIT Durgapur A/C No. 8569101000352, IFSC: CNRB0008569) ***Thesis submission Fee is 15,000/- for Scholars who got admitted in 2019 onwards	Printed Copy-Two sets (Duly signed by the scholar & Supervisor)			

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

FORM 8, 10,11,12 ARE TO BE SUBMITTED SEPARATELY IN A CONFIDENTIAL SEALED ENVELOPE THROUGH THE OFFICE OF RESPECTIVE DEPARTMENT /SECTION

Deadline of submission of documents: within 5 working days from the date of pre-synopsis submission seminar report	Signature	Signature	Signature
--	-----------	-----------	-----------

*Additional documents, if required, are to be submitted.

ACP-05: List of the Documents (To be Sent to the Dean (AR) & Asso. Dean (AR) from the Chairperson, DSC through Mail in ZIP File)

Document No. (to be stated on the document)	List of the Documents (To be Sent to the Dean (AR) & Asso. Dean (AR) from the Chairperson, DSC through Mail in ZIP File)	Remarks
	Thesis Submission Form (FORM-8)	Duly signed copy of the documents by the scholar & supervisor(s)
	Detailed Plagiarism Report	Duly signed copy of the documents by the scholar & supervisor(s)
	Plagiarism Report Certificate	Duly signed copy of the documents by the scholar & supervisor(s)
	List of Examiners (summary) for Evaluation of PhD Thesis (FORM-10)	Duly signed copy of the documents by the scholar & supervisor(s)
	Lists of Indian Examiners (in sealed envelope) (FORM-11) with brief biodata & specialization	Duly signed copy of the documents by the scholar & supervisor(s)
	Lists of Foreign Examiners (in sealed envelope) (FORM-12) with brief biodata & specialization	Duly signed copy of the documents by the scholar & supervisor(s)
	Synopsis of the Thesis	Duly signed copy of the documents by the scholar & supervisor(s)
	Thesis (Hard Bound) print in both sides within 200 pages)-One copy	Soft copy (Xerox copies to be duly signed by the scholar & supervisor)
	Thesis submission fee Payment Receipt	Duly signed copy of the documents by the scholar & supervisor(s)
FORM 8, 10,11,12 ARE TO BE SUBMITTED SEPARATELY IN A CONFIDENTIAL SEALED ENVELOPE THROUGH THE OFFICE OF RESPECTIVE DEPARTMENT /SECTION		
Deadline of submission of documents: within 5 working days from the date of pre-synopsis submission seminar report		

*Additional documents, if required, are to be submitted.

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

ACP-06: LIST OF DOCUMENTS TO BE SUBMITTED FOR GETTING APPROVAL FROM THE DIRECTOR/CHAIRPERSON (SENATE) TO CONDUCT PhD DEFENSE SEMINAR

Sl. No.	Particulars	List of the Documents to be Attached/submitted with the note-sheet (To be Submitted to the Office of The Dean (AR)- In Printed Format)	Verified by Supervisor (s) and Chairman/Head
	Note sheet for getting approval from the Director/Chairperson (Senate) through DSC Chairperson (containing a summary of all PhD related activities of the scholar from the date of Admission to till-to-date) along-with all necessary supporting documents/communications.	Copy of: <ul style="list-style-type: none">• Enrolment letter,• DSC formation document,• Grade Cards (Course-work),• Registration (topic) certificate,• Evaluation Report for Enhancement of Fellowship (FORM-6)-if any,• Pre-Synopsis Submission Seminar Report (FORM-7) along-with the attendance record,• List of Publications (with details),• For Conference Publications- (i) Full paper, (ii) Presentation certificate and (iii) Letter of Acceptance as received from the conference organizers/committee &• For Journal Publications-(i) Full paper, (ii) Journal indexing certificate, (iii) Letter of Acceptance as received from the Editor),• Approval (RAC & SENATE) for the Period of Extension (pre/post registration (topic)) taken, if any.• Thesis Evaluation Reports (Duly signed by DSC Members) of Indian and Foreign Examiner,• Compliance Reports (Duly signed by DSC Members) Indian and Foreign Examiner along-with the marked corrected pages of the revised thesis (if any), (The corrections made in the revised thesis should be properly cited in the compliance report along-with the page numbers).• Semester Registration Fee Payment Receipts (from the date of enrolment to till-date)• The resolution/recommendation of the DSC regarding the compliance report (original)	

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

	<ul style="list-style-type: none"> • Any other documents as per requirements. 	
The note-sheet along-with all necessary documents is to be submitted within a two-fold file		Signature

Additional documents, if required, are to be submitted.

ACP-07: LIST OF DOCUMENTS TO BE SUBMITTED TO CONDUCT PhD DEFENSE SEMINAR (ALL DOCUMENTS TO BE SUBMITTED TO THE DEAN (AR))

Sl. No.	List of the Documents	To be mailed all documents in Zip file to The Dean (AR)	List of the Documents (To be Submitted to the Office of The Dean (AR)- In Printed Format)	Verified by Supervisor (s) and Chairman/Head
	The All documents along-with the note sheet ads per CH-PHd-06			
1.	Intimation through printed format to Dean (AR) to conduct Defense Seminar	Scanned copy to be mailed to the Dean (AR)	Printed copy with signature of the DSC Chairperson/HOD	
2.	Formation of Committee for PhD Defense (FORM-15)	Doc (Word) file	Printed copies with signature of the supervisor (s)	
3.	Thesis Evaluation Reports (Duly signed by DSC Members) Indian and Foreign Examiner	PDF file	Printed copies with signature of the supervisor (s)	
4.	Compliance Reports (Duly signed by DSC Members) Indian and Foreign Examiner	PDF file	Printed copies with signature of the Scholar and supervisor (s)	
5.	PhD Thesis (as per Latest PhD Regulations)	PDF file	Not Applicable	
A. To be communicated for Official formalities at least 12-15 days before the date of Defense seminar after according Director's approval to conduct PhD Defense seminar B. Additional documents, if required, are to be submitted.				Signature

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

ACP-08: LIST OF DOCUMENTS TO BE SUBMITTED AFTER PhD DEFENSE SEMINAR (ALL DOCUMENTS TO BE SUBMITTED AT A TIME)

Sl. No.	List of the Documents	List of the Documents (to be Submitted to the Office of The Dean (AR))		Verified by Supervisor (s) and Chairman/Head
		In Printed Format	Soft Copy in Pen Drive/ CD	
1.	Defense Seminar Notice	In original	Not Applicable	
2.	(i) Report on Viva-Voce & Defense (FORM-14) along-with (ii) the Defense Seminar Attendance Record	In original	Not Applicable	
3.	PhD Thesis (Hard Bound))	One copy (Format of the thesis should be as per Latest PhD Regulations)	Not Applicable	
4.	Soft-copy of the Thesis <ul style="list-style-type: none"> • Front matter with Abstract • Chapter Wise (Separately) • Full Thesis in one file 	NA	✓ Pdf file	
5.	Compliance Report	Printed copies Duly signed by the Scholar ,supervisor (s) and DSC Members	✓ Pdf file	
6.	Thesis Evaluation Report (Indian & Foreign Examiner) (FORM-13)	Printed copies Duly signed by the Scholar ,supervisor (s)	✓ Pdf file	
7.	No Dues from Hostel, Library & Department	In original	Not Applicable	
Additional documents, if required, are to be submitted				Signature

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

ACP-09:. LIST OF DOCUMENTS TO BE SUBMITTED FOR INCLUSION OF CO-SUPERVISOR

Sl. No.	List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)	REMARKS	Verified by Supervisor (s) and Chairman/Head
	Application by the Scholar/candidate through Supervisors and the DSC	✓ Duly signed by all the DSC Members & HoD/Chairperson (DSC), Stating "Recommended/Not Recommended" on the application ✓ Consent from the existing supervisor (s) on the application Consent from the proposed supervisor (s) on the application	
	Note sheet for inclusion of co supervisor.	In original	
	Proposed Doctoral Scrutiny Committee (DSC) (Form-3)	In original	
	Existing Doctoral Scrutiny Committee (DSC) (Form-3)	Xerox copy	
	Curriculum Vitae of the External Faculty Member, Proposed as co-supervisor	In original	
	Format of Willingness Certificate from the External Faculty Member who wishes to become Co-supervisor (Form-16)	In original	
	Format of No Objection Certificate from the Employer of the External Faculty Member who wishes to become Co-supervisor (Form-17)	In original	
	Additional documents, if required, are to be submitted		Signature

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

ACP-10.: LIST OF DOCUMENTS TO BE SUBMITTED FOR RE-SUBMISSION OF THESIS:

Sl. No.	List of the Documents (to be Submitted to the Office of the Dean (AR)- in Printed Format)	To be Submitted to the Office of The Dean (AR)- In Printed Format	To be Sent to the Dean (AR) & Asso. Dean (AR) from the Chairperson, DSC through Mail in ZIP File	Verified by Supervisor (s) and Chairman/Head
	Notesheet for resubmission of thesis	Duly signed copy (In original)	Scan copy of original documents in Pdf format	
	DAC recommendation/resolution for resubmission	Duly signed copy (In original)	Scan copy of original documents in Pdf format	
1.	Ph.D. Thesis Re-Submission Form (FORM-9)	Duly signed copy (In original)	Scan copy of original documents in Pdf format	
	Fresh panel of External Examiner (with brief biodata & specialization), if needed.	Duly signed copy (In original)	Scan copy of original documents in Pdf format	
2.	Payment receipt of Thesis Resubmission Fee (Rs. 1000/-) (Canara Bank, NIT Durgapur A/c No. 8569101000352, IFSC: CNRB0008569) (Applicable for re-evaluation of PhD thesis which needs revision/resubmission and to be sent to the same Indian/Foreign Examiner).	In original (for bank payment in person) or payment receipt verified by the Bank for online payment	Scan copy of original documents in Pdf format	
3.	Revised PhD Thesis (Hard Bound)	One copy (Format of the thesis should be	Pdf Copy	

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Mahatma Gandhi Avenue, Durgapur-713209, West Bengal, INDIA

Office of the Dean (Academic Research)

Check List of Documents to be Submitted for PhD Activities

ANNEXURE 4

		as per Latest PhD Regulations)		
4.	Plagiarism Report (Revised Thesis)	Plagiarism Report in original & each page duly signed by the supervisor (s) and the scholars	Scan copy of original documents in Pdf format	
	Plagiarism Report Certificate	Duly signed copy (In original)	Scan copy of original document in Pdf format	
	Semester Registration Fee Payment Receipts (from the date of enrolment to till-date)	Printed copy Duly signed by the Scholar, supervisor (s) verified by the Head of Account section (document to be verified by the Head of Account section)	Scan copy of original document in Pdf format	
5.	Compliance Report (Indian & Foreign Examiner)	Printed copies Duly signed by the Scholar, supervisor (s) and DSC Members	Pdf Copy	
6.	Thesis Evaluation Report (Indian & Foreign Examiner) (FORM-13)	Printed copies Duly signed by the Scholar and supervisor (s)	Pdf Copy	
	Receipt of payment of Additional Thesis Examination Fee (Rs. 15000.00 as Thesis Submission Fee or as applicable at the time of resubmission (Applicable for re-evaluation of freshly submitted PhD thesis which has been earlier rejected by any one (Indian & Foreign) or both (Indian & Foreign) Examiner)	In original (for bank payment in person) or payment receipt verified by the Bank for online payment	Scan copy of original documents in Pdf format	
Additional documents, if required, are to be submitted				Signature

INTENTIONALLY LEFT IT BLANK

Annexure-71.6.3

On the recommendation of RAC, registration of 68 Candidates for Ph.D. Programme (RAC Meetings held on 14.09.2023, and 08.12.2023) 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 # 2 RAC meeting held on 14.09.2023					
1	20CS1501	Somnath Bhowmik	CS	Dr. J. Howlader, Dr. S. Karmakar	31.05.2023
2	21CH1503	Sampurna Santra	CH	Dr. B. Das, Dr. D. Datta	28.06.2023
3	22PH1501	Kripasindhu Kumar	PH	Dr. A. K. Meikap, Dr. R. Sinha	30.06.2023
4	22CY1103	Pallav Mondal	CY	Dr. U. Adhikari	17.07.2023
5	22CS1106	Subhrangshu Adhikary	CS	Dr. S. Nandi, Dr. A. Ghosh	17.07.2023
6	21CY1102	Rakhi Senapati	CY	Dr. D. Sukul	26.07.2023
7	22MS1501	Sarmistha Ghatak	MS	Dr. N. Banerjee, Dr. S. Sarkar	27.07.2023
8	21ME1107	Avishek Mukherjee	ME	Dr. A. K. Pramanick, Dr. S. Sengupta	27.07.2023
9	20ME1107	Ramit Choudhury	ME	Dr. A. Layek	28.07.2023
10	22CE1501	Debargha Banerjee	CE	Dr. R. P. Nanda	01.08.2023
11	21CS1102	Biswajit Patra	CS	Dr. D. R. Kisku	07.08.2023
12	21PH1105	Rajalaxmi Nath	PH	Dr. H. Chaudhuri	07.08.2023
13	21PH1501	Debapriya Nandi	PH	Dr. H. Chaudhuri, Dr. S. Ghosh	07.08.2023
14	21PH1502	Premanshu Sekhar Dey	PH	Dr. H. Chaudhuri	07.08.2023
15	21EE1105	Samudra Panda	EE	Dr. S. Banerjee	18.08.2023
16	21ME1102	Arunabha Mahato	ME	Dr. S. C. Rana	21.08.2023
17	22HS1101	Dipra Biswas	HS	Dr. J. Banerjee	22.08.2023
18	21MS1501	Abhishikta Basak	MS	Dr. A. Ghosh	23.08.2023
19	21CH1101	Arnab Sau	CH	Dr. S. Dutta, Dr. K. C. Ghanta	24.08.2023
20	21CH1105	Sinu Sanghamitra	CH	Dr. R. Ghosh Chaudhuri, Dr. A. Hens	25.08.2023
21	22CE1107	Pawan Kumar Das	CE	Dr. S. Karmakar	29.08.2023
22	22PH1104	Rashbihari Layek	PH	Dr. P. Kumbhakar	29.08.2023
23	22MA1501	Debopriya Dey	MA	Dr. S. Kar, Dr. D. K. Bhattacharya	30.08.2023
24	21MA1111	BikashKoli Roy	MA	Dr. S. Kar	30.08.2023
25	21MA1101	Abhijit Mondal	MA	Dr. P. Pal	30.08.2023
26	21CE1101	Amgoth Rajender	CE	Dr. A. K. Samanta	31.08.2023
27	21CE1106	Neetika Saha	CE	Dr. P. Topdar	04.09.2023
28	21CH1109	Sukhen Das	CH	Dr. B. K. Mondal, Dr. M. Singh	08.09.2023
29	22CE1102	Tapabrata Chakraborty	CE	Dr. S. Pal, Dr. M. K. Mandal	08.09.2023

30	22CY1104	Bhaskar Kumar Brahma	CY	Dr. U. Adhikari	11.09.2023
31	21EE1501	Jhuma Kundu Paul	EE	Dr. P. S. Bhowmik, Dr. S. Moitra	12.09.2023
32	21EE1103	Anshu Choudhary	EE	Dr. P. S. Bhowmik	12.09.2023
Item # 2 RAC meeting held on 08.12.2023					
33	22CE1103	Sahinur Rahaman Mondal	CE	Dr. S. Pal Dr. R. Ghosh Chaudhuri	08.09.2023
34	20EC1502	Debabrata Kumar Das	EC	Dr. H. K. Mondal	08.09.2023
35	21ME1106	Subham Show	ME	Dr. A. Datta, Dr. S. Mondal	08.09.2023
36	22ME1104	Vivek Kumar	ME	Dr. A. Datta, Dr. S. Mondal	08.09.2023
37	21EE1107	Vivek Ranjan	EE	Dr. S. Halder	12.09.2023
38	22PH1101	Subhadip Rana	PH	Dr. M. K. Mandal	18.09.2023
39	22PH1105	Raja Ray	PH	Dr. S. Sahoo	20.09.2023
40	22PH1106	Hrushikesh Mahapatra	PH	Dr. S. Sahoo	20.09.2023
41	21BT1102	Maithili Adhikary	BT	Dr. S. Chaudhuri	21.09.2023
42	21EE1106	Sayak Mondal	EE	Dr. P. Acharjee, Dr. A. Bhattacharya	22.09.2023
43	21MM1107	Amit Dhar	MM	Dr. M. Mallik Dr. S. Bera	25.09.2023
44	21CS1106	Suman Nandi	CS	Dr. A. Dutta	25.09.2023
45	21PH1106	Sashikanta Barik	PH	Dr. H. Subramanian	26.09.2023
46	21BT1101	Debarpita Dutta	BT	Dr. S. Roy Barman	26.09.2023
47	21CS1107	Sumana Naskar	CS	Dr. M. Dalui Dr. D. K. Jana	26.09.2023
48	21CS1105	Som Banerjee	CS	Dr. M. Dalui	26.09.2023
49	21CE1105	Sukamal Kanta Ghosh	CE	Dr. D. Das	27.09.2023
50	21ME1103	Deepak Kumar Raj	ME	Dr. A. Datta	27.09.2023
51	21BT1104	Sharad Ghosh	BT	Dr. S. S. Mukhopadhyay	05.10.2023
52	21CS1104	Khitish Kumar Gadnayak	CS	Dr. M. Saha	05.10.2023
53	21BT1103	Pinkan Sadhukhan	BT	Dr. N. Mahata	06.10.2023
54	21CH1505	Sumit Mahto	CH	Dr. B. Das, Dr. D. Datta	09.10.2023
55	21MA1109	Sk Nurul Hasan	MA	Dr. G. Panigrahi	10.10.2023
56	22CS1102	Rohit Agarwal	CS	Dr. D. Nandi, Dr. N. Murmu	10.10.2023
57	21CH1104	Kumar Roshan Bedia	CH	Dr. T. Mandal	11.10.2023
58	21EC1104	Sayani Bindai	EC	Dr. R. Ghatak, Dr. S. Ranwa	17.10.2023
59	21BT1105	Sourav Paul	BT	Dr. A. Bhattacharjee	18.10.2023
60	20HS1501	Somjit Halder	HS	Dr. S. Banerjee	19.10.2023
61	22EE1101	Biswapratim Roy	EE	Dr. A. Dey, Dr. J. Dey	07.11.2023
62	21EE1104	Piklu Das	EE	Dr. C. Koley, Dr. S. Chatterjee	09.11.2023
63	22CS1105	Rimpa Dutta	CS	Dr. S. Karmakar	16.11.2023
64	21EC1505	Debrupa Pal	EC	Dr. B. Maji, Dr. S. Das	28.11.2023
65	21EC1504	Debasmita Manna	EC	Dr. B. Maji, Dr. S. Panda	29.11.2023

66	21EC1506	Manali Dhar	EC	Dr. B. Maji, Dr. S. Panda	30.11.2023
67	22CS1101	Subhayu Ghosh	CS	Dr. N.D. Jana	30.11.2023
68	22EE1105	Raghuwansh Singh	EE	Dr. S. Halder	04.12.2023

Discontinuation of 05 Ph.D. scholars (RAC Meetings held on 14.09.2023, and 08.12.2023) needs to be approved by the Senate

Sl. No.	Roll No.	Name of the Scholar
1	21CY1103	Bijoy Rajak
2	22MAL1102	Ritam Halder
3	22MAL1106	Suchanda Roy
4	22MAL1108	Kousik Samanta
5	18CS1512	Raushan Kumar

INTENTIONALLY LEFT IT BLANK

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Eligibility and norms for expenditure in CPDA

Annexure 71.9

Category A: Conferences/Research Visits in India and abroad:

<i>Particulars / Purposes</i>	<i>Maximum Limits & Remarks</i>
a) Chairing a session b) Invited talk/delivering plenary lecture/keynote speech/presenting paper in seminar/conference/symposium c) Collaborative research visit/Research interaction d) Presenting in a workshop/course/training program as a resource person/expert Grant Code: NITD/CPDA/01	<i>Maximum Rs 2.1 lakhs in a block period of three years</i>

Category B: Membership fee, contingency expenses and purchase of consumables etc:

(Total available fund: 30% of the CPDA fund, i.e. Rs. 90,000/- in a block period of three years)

<ul style="list-style-type: none"> • Acquiring membership of professional bodies/societies, both national and international (<i>Maximum 3 professional bodies in one block year</i>) • To purchase books & stationery items not available in the Institute Library & Stores. • To purchase Computer related consumables such as external storage device, cartridges, battery, mouse, keyboard, memory, adaptors, anti-virus software for research purpose • To Purchase consumable chemical/electrical/ electronic/ mechanical/ civil items, small devices and accessories, glass ware, charges for synthesis and analysis of samples for pursuing research • Additional page charges for publication in premier journals • Patent Filing and Processing Grant Code: NITD/CPDA/02	<i>Total available fund =</i> Rs. 90,000/- in a block period of three years in a pro-rata basis
--	---

GUIDELINES

1. Norms are framed based on the Ministry of Education (earlier MHRD) letter no. F.No. 35-6/2016- TS.III dated 08/06/2017, its subsequent amendments made at the 11th meeting of the council of NITSER held on 18/07/2018 and the office orders issued following the decision taken at the BOG meetings of NIT Durgapur.
2. The record of expenditure under the CPDA scheme for each faculty member will be maintained by the Accounts Section and also by the concerned department in a register.
3. Separate Stock Book/Measurement Book shall be maintained for CPDA in each department.
4. Information under RTI Act, if demanded by any one, shall be provided by the concerned faculty member.
5. All expenditure must be strictly as per Government of India norms and Institute purchase rule.
6. Participating in National / International Conferences / Workshops / Symposia / special training program requires prior approval.
7. Normally, participation should be restricted to selected quality events and the Screening Committee shall ensure that participation in the event will be beneficial to the Institute.
8. Visits outside the Institution to be restricted to vacation period only.
9. It is mandatory on the part of the faculty member to deliver a seminar in the Institute prior to participation in any international conference and submit a report of activities carried out before making claim for reimbursement of expenditure incurred for participating in National / International Conferences /

Workshops / Symposia.

10. Institute norms will be applicable for TA/DA. The total expenditure towards all items under the Category A such as TA/DA, registration fee, VISA fee etc. for participating in National/International Conferences/Workshops/Symposia and visits for research interactions shall be up to a maximum of 70% of the CPDA (i.e., Rs. 2.1 lakhs) for the three year period.
11. The faculty members who are on deputation/QIP/leave (beyond 30 days) are NOT entitled for claiming reimbursement under the CPDA funds-during their absence from the Institute.
12. The Director shall be responsible for encouraging all the faculty to utilize the budget sanctioned under CPDA to each of them in an effective way so as to promote their academic performance.
13. All regular faculty members who have cleared their probation period shall be eligible for the grant. If a faculty member joins the Institute or retires from the Institute service/leaves the Institute (resignation or deputation or any reason) in between a block period, the faculty member shall be entitled for this allowance on pro-rata basis.
14. The amount sanctioned shall be sanctioned on reimbursable basis.
15. Only one third of the amount sanctioned over a block period shall be made available during the first year of the block period of 3 years. Any unutilized amount shall be rolled over to the second year and remaining amount sanctioned during the third year.
16. Amount set aside for each year of the block period shall not be paid in advance.
17. The actual amount received during a block period shall be equally earmarked for all eligible faculty members.
18. Prior approval shall be taken for any expenditure under this grant.
19. A Committee of the Deans and HoDs shall scrutinize the applications submitted to ensure that the conference is of Tier I level, the paper presented is related to the work carried in the respective Institute and the claims made are in order. The Institute may co-opt an external member (s).
20. Admissible expenditure shall include actual travel expenditure by economy class by shortest route following extant Government of India instructions.
21. Foreign travel for attending conferences shall be strictly limited to the period of conference and shall be entertained during vacation period ensuring teaching is not affected.
22. Any expenditure incurred towards participation in a conference including registration fee paid shall not be reimbursable if the faculty fails to attend for any reason.
23. The faculty shall be responsible for submitting the accounts and claiming reimbursement within a month after participation in the Conference / expenditure incurred under various categories.
24. The Director of concerned NIT will ensure that the entire process of CPDA and its implementation is fair and transparent. The details of all traveling abroad should be placed on the website of the Institute.

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

Application for Approval/Reimbursement under CPDA

(Block year _____ out of block period _____)

Part A. Applicant's details:

Name:	Employee code:
Designation:	Pay level:
Department:	Contact no.
e-mail id:	

Part B. Programme details:

B 1. Purpose of visit (please tick the appropriate option):

(**Annexure 1:** Invitation/acceptance letter, **Annexure 2:** objective of the visit)

- a) Chairing a session
- b) Invited talk/delivering plenary lecture/keynote speech/presenting paper in seminar/conference/symposium
- c) Collaborative research visit/Research interaction
- d) Presenting in a workshop/course/special training program as a resource person/expert

B 2. Nature of the programme: National / Abroad

B 3. Mode of the programme: Online/offline

B 4. Name of the programme: (**Annexure 3:** Brochure indicating registration fee)

B 5. Title of the paper (if applicable):

(**Annexure 4:** Full paper which is accepted for presentation)

B 6: NOC from Co- authors obtained: (Yes/NA) (**Annexure 5:**)

B 7. Venue of the programme:

B 8. Period of the programme: From _____ to _____

B 9. Registration fee for the programme:

B 10. Date of leaving the station:

B 11. Date of return to the station:

Part C: Details of the pre-foreign visit seminar held at the department:

C 1: Date and time of the seminar held in the department before the foreign visit:

(**Annexure 6 :** Notice and attendance sheets of the seminar)

C 2: Resolution of the DAC on the pre-foreign visit seminar attached: Yes/No (**Annexure 7**)

Part D: Details of leave applied for:

1. Special Casual Leave (SCL) *	Date of programme: From _____ to _____ SCL applied for: From _____ to _____
2. Nature of leave requested for an extended stay (CL/EL/vacation)	Provide Leave Application (Annexure 8)

Part E: Details of expected expenditure:

For visits within India:

Sl. No.	Head	Approx. Amount (₹)
1.	Local Travel (Car/Bus)	
2.	Airfare /Train fare	
3.	Registration fee	
4.	Fooding and lodging as per Institute rule * (to be reimbursed on actual basis and as per entitlement)	
5.	Any other	
	TOTAL	

For visits Abroad:

Sl. No.	Head	Approx. Amount (₹)
1.	Local Travel within India (Car/Bus/Train)	
2.	Airfare /Train fare (including taxes and charges)	
3.	Registration fee (including bank charges and taxes thereon)	
4.	Per diem allowances as per GoI rule *	
5.	Visa fees, Insurance fees (Including travel to Embassy/consulate/office of service provider for Visa)	
6.	Govt fees/taxes abroad, if applicable	
7.	Any other	
	TOTAL	

*Days for the proposed programme with one day each before and after

Part F: Details of the expenditure under CPDA fund for the running block period

For the use of the office of the Head of the Department

Entry has been made in the Dept. CPDA register at Page No. Sl. No.

i) Expenditure details under CPDA:

Grant Code	Limit per block period	Fund spent			Total Fund spent	Fund available	Fund sought
		Year 1	Year 2	Year 3			
NITD/CPDA/01	Rs 2.1 lakh / 70% in a block year						

Total fund sought (in words):

Declaration by the applicant

1. I am a faculty member at NIT Durgapur in regular scale.

2. Total expenditure till date in CPDA in the present block period is _____ & the balance fund available is _____

3. Under CPDA/01, total amount expended in the present block period till date is; _____ and the balance fund is _____

4. I hereby certify that the conference is of Tier I level in the related field. Also certify that the paper presented is related to the work carried at NIT Durgapur. (ANNEXURE 9)

5. I shall submit the TA bill with necessary documents within 7 days from my date of return to station.

6. I shall submit the certificate for the said programme with the TA bill.

Date:

Signature of the Applicant

Certificate from the Head of the Department:

1. Verified and recommended for further processing.

2. The applicant delivered the seminar before the foreign visit

3. Certify that the conference is of Tier I level in the related field.

Date:

Head of the Department

Office of the Jt Registrar (F&A)

Expenditure details under CPDA (Grant code: NITD/CPDA/01):

CPDA grant admissible			Total CPDA grant admissible	Total expenditure	Balance fund available	Fund sought (Rs.)
Year 1	Year 2	Year 3				

Head: [36.02.05 (CPDA)]

Verified and checked

Jt. Registrar (F & A)

Recommendation from the Deans:

Dean (R & C)

Dean (FW)

Total amount approved: _____

Head: [36.02.05 (CPDA)]

(Registrar)

Director

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
Application for Approval/Reimbursement under CPDA
 (Block year _____ out of block period _____)

Part A. Applicant's details:

Name:	Employee code:
Designation:	Pay level:
Department:	Contact no.
e-mail id:	

1. Items to be procured with estimated price, specifications & purpose:

- Consumables and charges for synthesis & analysis of samples
- Stationary items& Books
- Additional page charges
- Academic contingencies

Sl. No.	Item	No.	Brief specifications	Estimated Price (Rs)	Purpose/Justification
Total Estimated Price (Rs)					

2. Membership fee of professional bodies/Societies, both National and International: (Max 3 in one block year)
 (NITD/CPDA/02)

Sl. no.	Name of the professional body	Membership period	Membership fee (INR)

Total fund sought:

Declaration by the applicant

1. Total expenditure approved till date in CPDA in the present block period is _____ & the balance fund available is _____.

Date:

Signature of the Applicant

Mandatory documents to be enclosed:

1. Information on the membership fee (from the website of the professional body)

[to be printed overleaf]
For the use of the office of the Head of the Department

Entry has been made in the Dept. CPDA register at Page No., sl no.....

Membership fee and contingent expenses : Total Rs. 90,000/- in a block period ::

Grant Code	Limit	Fund spent			Total fund Spent	Fund available	Fund sought for
		Year 1	Year 2	Year 3			
NITD/CPDA/02	Rs. 90,000/- in a block period (pro-rata basis)						
NET:							

Signature of the Applicant

Verified and recommended for further processing.

Head of the Department

Office of the Jt Registrar (F&A)
(For Membership fee and contingent expenses) Total Rs. 90,000/- in a block period

CPDA grant admissible			Total CPDA grant admissible	Total expenditure	Balance fund available	Fund sought
Year 1	Year 2	Year 3				

Head: [36.02.05 (CPDA)]

Verified and checked

Jt. Registrar (F & A)

Recommendation from the Deans:

Dean (R & C)

Dean (FW)

Total amount approved by NIT Durgapur: _____

Head: [36.02.05 (CPDA)]

(Registrar)

Director