

**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR  
INDIA**

**18TH CONVOCATION**

**TENTATIVE DATE OF CONVOCATION : SECOND WEEK OF SEPTEMBER 2022**

**LIST OF PhD DEGREE RECIPIENTS- As recommended by the SENATE of the institute till date**

Sl No	Reg. No.	Programme	Department	Name of the Degree Recipients	Title of the thesis	Date of Defense Seminar
1	NITD/PhD/EC/2016/00818	Doctor of Philosophy	Electronics and Communication Engineering	Kailash Pati Dutta	Synthesis of Planar Array Antenna using Evolutionary Algorithms	10.01.2022
2	NITD/PhD/BT/2015/00668	Doctor of Philosophy	Biotechnology	Pradip Das	The role of Src kinase and Pyk2 in monocyte migration	12.01.2022
3	NITD/PhD/CE/2017/00980	Doctor of Philosophy	Civil Engineering	Sayantana Dutta	Earthquake Response of Pile Foundation in Liquefiable soil	14.01.2022
4	NITD/PhD/CE/2017/00880	Doctor of Philosophy	Civil Engineering	Ramiz Raja	Role of Additives on Remediation and Improvement of Geotechnical Properties of Heavy Metal Contaminated Soils by Solidification/Stabilization Technique	24.01.2022
5	NITD/PhD/ME/2018/01041	Doctor of Philosophy	Mechanical Engineering	Manish Kumar	Evaluation of plastic collapse moment of initially geometric imperfect pipe bends under internal pressure and bending moments	16.02.2022
6	NITD/PhD/BT/2018/01080	Doctor of Philosophy	Biotechnology	Tanmay Ghosh	Studies on Seed Borne Mycoflora associated with Oil Seed (Mustard) and Cereal Crop (Rice) of Indo-Gangetic Area and their Eco-Friendly Management	21.02.2022
7	NITD/PhD/EE/2017/00994	Doctor of Philosophy	Electrical Engineering	Sourabh Kundu	Investigation on CHB Multilevel Inverters using Improved SHE and SHM Modulation Schemes	25.02.2022
8	19RCH017	Doctor of Philosophy	Chemical Engineering	Abhilasha Rai	Tertiary Treatment of Coke-oven Wastewater through Microbial Route as a Polishing Step	07.03.2022
9	NITD/PhD/MT/2015/00659	Doctor of Philosophy	Metallurgical and Materials Engineering	Sujoy Das	Synthesis, Characterization and Thermal Conductivity Modelling of Nanofluids for Advanced Heat Transfer Applications	08.03.2022
10	NITD/PhD/BT/2016/00762	Doctor of Philosophy	Biotechnology	Jyoti Ranjan	Studies on hazardous impact of water pollutants on host and its biological remediation	11.03.2022
11	NITD/PhD/EC/2017/00936	Doctor of Philosophy	Electronics and Communication Engineering	Harshavardhan Singh	Studies on Designing On-chip Antennas with Improved Radiation Characteristics	17.03.2022
12	NITD/PhD/ECE/2014/00515	Doctor of Philosophy	Electronics and Communication Engineering	Somnath Patra	Some Studies on Synthesis of Unequally Spaced Antenna Arrays through Time Modulation	17.03.2022
13	NITD/PhD/CH/2017/00992	Doctor of Philosophy	Chemical Engineering	Shilpi Chatterjee	Study of Bubble and Droplet Dynamics at Different Length and Time Scale	22.03.2022
14	NITD/PhD/CH/2016/00761	Doctor of Philosophy	Chemical Engineering	Uma Maheswari R	Humic acid mediated valorization of sugarcane bagasse: A biorefinery approach	22.03.2022
15	NITD/PhD/MME/2016/00720	Doctor of Philosophy	Metallurgical and Materials Engineering	Suvam Chatterjee	An approach for effective joining of dissimilar metals used in supercritical boilers	25.03.2022
16	NITD/PhD/MA/2017/00909	Doctor of Philosophy	Mathematics	Surajit Karmakar	Study of fixed points of different contractions and some applications	29.03.2022
17	NITD/PhD/CE/2015/00678	Doctor of Philosophy	Civil Engineering	Raktim Biswas	Forecasting and Monitoring of Flood of River Mayurakshi at Tilpara Barrage Section, Suri, West Bengal, India	01.04.2022
18	NITD/PhD/MME/2013/00438	Doctor of Philosophy	Metallurgical and Materials Engineering	Mousumi Mallick	Development of eutectoid steel for wire-rope application possessing enhanced strength and wear resistance	04.04.2022
19	NITD/PhD/CY/2018/01056	Doctor of Philosophy	Chemistry	Amita Mondal	Design and synthesis of chromogenic and fluorogenic chemoreceptors for selective sensing of toxic anions	06.04.2022

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20	19REC036	Doctor of Philosophy	Electronics and Communication Engineering	Bitan Misra	Optimal Synthesis of Elliptical and Hexagonal Antenna Arrays using Meta-heuristic Optimization Algorithms	08.04.2022