

NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

19TH CONVOCATION

SL. NO.	Roll No.	Registration No.	Name of the Department	Name of the Student	Name in Hindi	Title of the Thesis	Date of Defense Seminar	Remarks
1	17MA1103	NITD/PhD/MA/2018/01051	Mathematics	Sourav Mondal	सौरव मंडल	Study of Some Graph Invariants and Their Applications	02.11.2022	
2	15ME1107	NITD/PhD/ME/2017/00968	Mechanical Engineering	Praveen Sharma	प्रवीण शर्मा	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	अनिर्बान चट्टोपाध्याय	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	संजय सतपति	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	इंद्राणी पाल	Studies on bacterial delignification and biosurfactant production	12.12.2022	
6	17PH1106	19RPH001	Physics	Swagata Biswas	स्वागता बिस्वास	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	प्रियंका सरकार	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	पुल्लाभाटला श्रीकांत	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	गौतम मजूमदार	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	सैकत मिश्रा	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	पिजुष कान्ति दत्ता प्रमाणिक	Sustainable Computing with Mobile Crowd Computing	30.01.2023	
12	16PH1304	NITD/PhD/PH/2017/00844	Physics	Mahadeb Pal	महादेब पाल	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	Mehebab Alam	महेबुब आलम	Novel Algorithms of Line Outage Detection Using Synchrophasor Measurements	13.02.2023	

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14	16CE1302	NITD/PhD/CE/2017/00887	Civil Engineering	Shyamal Kumar Dutta Mazumdar	श्यामल कुमार दत्ता मजूमदार	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	पार्थो दास	Dielectric Engineering on GaN for High Electron Mobility Transistors	15.02.2023	
16	16BT1301	NITD/PhD/BT/2018/01032	Biotechnology	Subhasree Majumdar	सुभाश्री मजूमदार	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	अंजन बंद्योपाध्याय	Studies on Reconfigurable Multiband and Wideband Microwave Bandpass Filters	20.02.2023	
18	18CH1101	20RCH004	Chemical Engineering	Sumona Show	सुमोना शो	Comparative Assessment of Ibuprofen Removal through Biosorption and Bioremediation Technique	20.02.2023	
19	17EC1103	20REC013	Electronics and Communication Engineering	Argha Deep Paul	अर्घो दीप पॉल	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	हिमांगशु पाल	Natural Cellulosic Graphene: Synthesis, Characterization and Electro Chemistry Application	01.03.2023	
21	17PH1102	NITD/PhD/PH/2018/01072	Physics	Tuli Chatterjee	तुली चटर्जी	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.	अंजलि के.पी.	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	दीपा नाइक	Studies in optical and wireless networks	06.04.2023	
24	15HSS1103	NITD/PhD/HSS/2017/00855	Humanities and Social Sciences	Asoke Howlader	अशोक हाउलाडर	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	अमन अरोड़ा	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	एम. जे. वर्गीस	Removal of Organic Pollutants from Seawater using Solar Nano Photocatalysts	13.04.2023	
27	18CE1510	20RCE057	Civil Engineering	Sudha Das Khan	सुधा दास खान	Fuzzy Logic-based Condition Assessment and Ranking of Reinforced Concrete Bridges: A Study	19.04.2023	
28	19MA1501	20RMA044	Mathematics	Prasanta Kumar Ghosh	प्रशांतो कुमार घोष	Modelling of Some Green and Sustainable Supply Chain Problems under Different Payment Strategies	20.04.2023	

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29	15EE1502	NITD/PhD/EE/2016/00781	Electrical Engineering	Kingsuk Majumdar	किंस्सुक मजूमदार	Enhancement of ATC for Integrated Power System Incorporating UPFC and Renewable Energy Sources	20.04.2023	
30	18PH1502	20RPH0024	Physics	Sanjib Mondal	संजीब मंडल	Studies on metal nanoparticles covered Erbium doped TiO ₂ thin film based plasmonic Photodetectors	26.04.2023	
31	13CHE1501	NITD/PhD/ChE/2015/00591	Chemical Engineering	Sabyasachi Pramanik	सब्यसाची प्रमनिक	Adsorptive Removal of Cyanide and Phenol from Wastewater	26.04.2023	
32	17MS1101	19RMS016	Management Studies	Sayan Gupta	सायन गुप्ता	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	संजीब बिस्वास	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	दीपानिता देब	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	संयुक्ता मंडल	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	विश्वजीत शर्मा	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	सुजय मंडल	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	मीनाक्षी मल्होत्रा	Development of Sustainable Membrane-Based Technologies for Selenium Abatement Towards Reutilization from Aqueous System	23.06.2023	
39	19CY1101	20RCY039	Chemistry	Aditya Suhasaria	आदित्य सुहाशरिया	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	अनिर्बान मोंडल	Hardware Trojan: Analysis of Attacks and Detection in the Context of Hardware Security	12.07.2023	
41	19CY1501	20RCY069	Chemistry	Subhabrata Mabhai	सुभब्रत मभाई	Azo-linked CHEF-PET regulated 'turn-on' molecular probe for metal ion sensing	17.07.2023	
42	17PH1107	19RPH008	Physics	Piyali Chatterjee	पियाली चटर्जी	Bimetallic Oxide Nanostructures for Photoelectrochemical Water Splitting and Photocatalytic Dye Degradation	21.07.2023	

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43	12EE1101	NITD/PhD/EE/2013/00407	Electrical Engineering	Sambaran Ray	सम्बरन राय	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	Samriddhi Sarkar	समृद्धि सरकार	Coalition Formation in Multi-agent Systems	04.08.2023	
45	17PH1108	NITD/PhD/PH/2018/01071	Physics	Shubhadip Atta	शुभदीप आटा	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	सैकत मंडल	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	विश्वरंजन मिश्र	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	पायल मोंडल	Ethanol Production from Waste Starchy Biomass and its Utilization	20.09.2023	
49	17EE1104	19REE047	Electrical Engineering	Anitha Bhukya	अनिता भुक्या	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	अरविन्द कुमार जयसवाल	Low-Cost Synthesis and Characterization of Boron Nitride Reinforced Aluminium Based Metal Matrix Composite	03.11.2023	