

**NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR**  
**17th CONVOCATION**

**LIST OF DEGREE RECIPIENTS IN PhD PROGRAMME (LIST 2- RAC on 02-11-2021) - Sl. No. 70 to 88 in continuation of list 1**

SL. NO.	Registration No.	Department	Name of scholar	Title of the Thesis	Date of award
70	NITD/PhD/EC/2016/00806	Electronics and Communication Engineering	Puja Kumari	Studies on Design and Performance of Planar Ultrawideband Bandpass Filters	16.09.2021
71	NITD/PhD/ECE/2015/00605	Electronics and Communication Engineering	Susmita Biswas	Advance Design Technique Microstrip Patch Antennas and Arrays for Wireless Application	18.09.2021
72	NITD/PhD/MA/2018/01047	Mathematics	Prosanta Sarkar	Study of Some Mathematical Behaviour of Topological Indices of Graphs and Their Applications	21.09.2021
73	NITD/PhD/CS/2017/00851	Computer Science and Engineering	Deep Suman Dev	Some Studies on Pattern Matching Techniques: Novel Interpretations with Local Descriptors and Wavelets	23.09.2021
74	NITD/PhD/MS/2016/00772	Management Studies	Abhijit Mukherjee	Determinants of Property Liability Insurance market in post-reform era and its relationship with economic growth in India	25.09.2021
75	NITD/PhD/CHE/2016/00828	Chemical Engineering	Zunipa Roy	Experimental Study of Pressure Swing Adsorption Refrigeration System based on Activated Carbon - Gas towards replacement of Halogenated refrigerants	27.09.2021
76	NITD/PhD/MA/2015/00641	Mathematics	Sandipa Bhattacharya	Some Mathematical Models on Inventory and Supply Chain Management	29.09.2021
77	NITD/PhD/ME/2014/00537	Mechanical Engineering	Nasir Hasan Sk	Bending and free vibration analysis of bimodular composite material laminated beam using equivalent stiffness methods	30.09.2021
78	NITD/PhD/PH/2017/00910	Physics	Ashim Pramanik	Investigations on Synthesis, Characterizations, Optical Properties of Some Carbon Nanostructured Materials and its Applications	30.09.2021

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79	NITD/PhD/CA/2016/00803	Computer Application	Pradeep Kumar Singh	A Study of an Efficient Memory-based Collaborative Filtering Approach in Recommender System	30.09.2021
80	NITD/PhD/CH/2017/00993	Chemical Engineering	Subhasish Majee	Studies on Formulation and Production of Cost Effective Bio-Organic Fertilizer derived from Industrial and Agricultural Waste Materials	01.10.2021
81	NITD/PhD/EC/2017/00896	Electronics and Communication Engineering	Heranmoy Maity	Design of Combinational and Sequential Circuits for Applications in Reversible Logic Systems	10.10.2021
82	NITD/PhD/CS/2017/00938	Computer Science and Engineering	Ram Chandra Barik	An Approach towards Enhanced Information Security based on Perceptive Image Block Scrambling	20.10.2021
83	NITD/PhD/MS/2016/00777	Management Studies	Mriganka Mohan Chanda	A Study on Effective Management of National Economic Planning and Budgeting using Soft Computing based Techniques	30.09.2021
84	NITD/PhD/ME/2016/00748B	Mechanical Engineering	Prabas Banerjee	Modeling of Backward Metal Flow Forming Process	09.10.2021
85	NITD/PhD/PH/2017/00977	Physics	Jayashree Karmakar	Sparse Representation of Signals and its Applications	29.10.2021
86	NITD/PhD/BT/2017/00960	Biotechnology	Manosree Chatterjee	Study of Ingenious Poly (lactic-co-glycolic acid) Nanoparticle-based Carriers in Cancer Therapeutic Applications	07.10.2021

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SL. NO.	Registration No.	Department	Name of scholar	Title of the Thesis	Date of award
87	NITD/PhD/CE/2017/00885	Civil Engineering	Chandrima Bhadra	Efficacy evaluation of Azadirachta indica (neem) and Moringa oleifera (drum stick) seed shell blended clay soil as liner in chromium (vi) laden waste containment structures	07.10.2021
88	NITD/PhD/MA/2017/00989	Mathematics	Piu Kundu	Theoretical Models of Earthquake Processes in Elastic and Viscoelastic Media during Aseismic Period	01.11.2021