

## LIST OF CANDIDATES SHORT-LISTED FOR 2018 SUMMER INTERNSHIP PROGRAM AT NIT MEGHALAYA

SL. NO.	PROJECT CODE	PROJECT SUPERVISOR	PROJECT TITLE	SELECTED LIST	WAITING LIST
<b>Electronics &amp; Communication Engineering (EC) Department</b>					
1	NITM/SI2018/EC/01	Dr. P. Rangababu	Development of IOT based patient monitoring system	Anjali Shrivastava, Central Institute of Technology, Kokrajhar	Barsha Barman, Central Institute of Technology, Kokrajhar
2	NITM/SI2018/EC/02	Dr. P. Rangababu	Development of efficient algorithm for motion compensation for HEVC	Ekata Mishra, KIIT University	Nil
3	NITM/SI2018/EC/03	Dr. Pradeep Kr. Rathore	Design and development of low cost polymer based piezoresistive pressure sensor	Abhijeet Choudhury, National Institute of Science and Technology	Jaya Shrivastava, Central Institute of Technology, Kokrajhar
4	NITM/SI2018/EC/04	Dr. Pradeep Kr. Rathore	Design and development of low cost polymer based cantilever for very low mass sensing applications	Manoswita Bhattacharjee, SRM Institute of Science and Technology	Nil
5	NITM/SI2018/EC/05	Dr. Vinay Kumar	Approximate VLSI Circuits	Harshit Kataria, IIIT Bhubaneshwar	Jenifar Rahman, Central Institute of Technology, Kokrajhar
6	NITM/SI2018/EC/06	Dr. Vinay Kumar	Hybrid CMOS Logic Style	Anshul Tayal, SRMIST, Chennai	D L K Sai Kanthann, Prathyusha Engineering College
7	NITM/SI2018/EC/07	Dr. Ch V Rama Rao	Improving the performance of blind source separation using direction arrivals	Nil	Nil
8	NITM/SI2018/EC/08	Dr. Ch V Rama Rao	Speech analysis using deep neural networks	Anku Rani, Rajarambapu Institute of Technology	Nil
<b>Computer Science &amp; Engineering (CS) Department</b>					
9	NITM/SI2018/CS/01	Dr. Bunil Kumar Balabantaray	Path Planning of Mobile Robot in unstructured environment	Ketan Anand, NIT Meghalaya	Rohit Kumar, NIT Meghalaya
10	NITM/SI2018/CS/02	Dr. Bunil Kumar Balabantaray	Design, analysis, and implementation of restoration algorithms for medical images	Ibadondor Marbaniang, NITS Mirza	Shyam S Kumawat, NIT Meghalaya
11	NITM/SI2018/CS/03	Dr. Yogita	Data Mining for Medical Databases	Rudra Narayan Panda, IIIT Bhubaneshwar	(1) Anand Tiwari, Feroze Gandhi Inst. of Engg. & Tech. Raebareli (2) Yash Mittra, Maharaja Agrasen Institute of Technology, Delhi
12	NITM/SI2018/CS/04	Dr. Yogita	Big Data Analytics	Prashant Mishra, IIIT Bhubaneshwar	(1) Supratik Samal, IIIT Bhubaneshwar (2) Parmod S. Yadav, NIT Silchar
13	NITM/SI2018/CS/05	Dr. Vipin Pal	Energy Efficiency in Wireless Sensor Networks	Russell Cooper Banks,	Nil

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14	NITM/SI2018/CS/06	Dr. Vipin Pal	Fuzzy system for Wireless Sensor Networks	<b>Chongnunhoi Lhouvum, NIT Meghalaya</b>	<b>Aditi, NIT Meghalaya</b>
15	NITM/SI2018/CS/07	Dr. Diptendu Singha Roy	Context Awareness in Ubiquitous Computing	<b>Rahul Anand, National Institute of Science and Technology</b>	<b>Hindol Bhattacharjee, Jorhat Engineering College</b>
16	NITM/SI2018/CS/08	Dr. Diptendu Singha Roy	Methods and Tools for Real-Time Big-Data Analytics	<b>Alok Kumar Panjiyar, Gauhati University Institute Of Science And Technology, Guist</b>	<b>Abhishek Anand, Oriental College of Technology</b>
17	NITM/SI2018/CS/09	Dr. Rajarshi Ray	Equivalence Checking of Program Transformations	Nil	Nil
<b>Civil Engineering (CE) Department</b>					
18	NITM/SI2018/CE/01	Dr. C. Marthong	Bamboo reinforced concrete structures	<b>L J Sanjeev Kumar, SASTRA University</b>	Nil
19	NITM/SI2018/CE/02	Dr. C. Marthong	Performance of Masonry Wall made of hollow concrete blocks	<b>Shiv Shankar Kumar, School of Engineering, Central University of Karnataka</b>	Nil
20	NITM/SI2018/CE/03	Dr. Ratan Sarmah	Mathematical modeling of Groundwater system	Nil	Nil
<b>Mechanical Engineering (ME) Department</b>					
21	NITM/SI2018/ME/01	Dr. Tanmoy Bose	Shear behavior of delaminated fiber metal laminates	<b>Mashun vashum, NIT Meghalaya</b>	Nil
22	NITM/SI2018/ME/02	Dr. Tanmoy Bose	Wave propagation in delaminated fiber metal laminate	Nil	Nil
23	NITM/SI2018/ME/03	Dr. K. Debnath	Experimental Investigation on Micro-machining of Advanced Materials	<b>Pulkit Sharma, VIT University-Vellore</b>	Nil
24	NITM/SI2018/ME/04	Dr. K. Debnath	Experimental Investigation on Advanced Machining of Fiber Reinforced Composite Materials	<b>Navin R I, Sastra University</b>	Nil
25	NITM/SI2018/ME/05	Dr. Bikash K Sarkar	Leakage flow analysis through spool valve	<b>Ashish Chauhan, Delhi Technological University</b>	Nil
26	NITM/SI2018/ME/06	Dr. Bikash K Sarkar	Simulation of robotics system and control	<b>Garima Borah, NITS Mirza</b>	Nil
<b>Electrical Engineering (EE) Department</b>					
27	NITM/SI2018/EE/01	Dr. A. Banerjee	Permanent Motor Drives in Renewable Energy Integration	Nil	Nil
28	NITM/SI2018/EE/02	Dr. S. Das	Power Transients in Long Transmission Line	<b>Laxman Kasipeta, NIT Meghalaya</b>	Nil
29	NITM/SI2018/EE/03	Dr. P.P. Singh	Control of Non-linear Dynamics	Nil	Nil
<b>Physics (PH) Department</b>					
30	NITM/SI2018/PH/01	Dr. Arpita Nath	Trapped Fluid In Cavitation Bubble Coalescence	<b>S Linsy Jane, Central University of Tamil Nadu</b>	Nil

31	NITM/SI2018/PH/02	Dr. Arpita Nath	Asymmetry in Cavitation Bubble Oscillations	Nil	Nil
32	NITM/SI2018/PH/03	Dr. K. Senthilkumar	Representation Theory of SU(2) and SU(3) symmetry in quark model	Nil	Nil
33	NITM/SI2018/PH/04	Dr. W.L. Reenbohn	Inhomogeneous ratchets driven by colored noise	<b>Jodie Tiffany Ryngnga, Pondicherry University</b>	Nil
34	NITM/SI2018/PH/05	Dr. Tribedi Bora	Analysis of Nanoparticles by Using Rietveld Refinement	<b>Anees Mehaboob CV, International School Of Photonics-CUSAT</b>	Nil
<b>Chemistry (CY) Department</b>					
35	NITM/SI2018/CY/01	Dr. Atanu Singha Roy	Binding of biologically potent small drug like molecules with the carrier proteins	<b>Collinica C. Syiemlieh, Pondicherry University</b>	Nil
36	NITM/SI2018/CY/02	Dr. Paresh Nath Chatterjee	Organometallics and catalysis	Nil	Nil
<b>Mathematics (MA) Department</b>					
37	NITM/SI2018/MA/01	Dr. M. Saha	Numerical methods for solving linear systems	<b>Ashisho Athikho, NIT Meghalaya</b>	Nil
38	NITM/SI2018/MA/02	Dr. Srinivas Jangili	Analytical and semi-analytical methods	<b>Suchismita Choudhury, Indian Institute of Engineering Science &amp; Technology-Shibpur</b>	Nil