



वैज्ञानिक और नवीकृत अनुसंधान अकादमी  
ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH  
(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19,  
Kamla Nehru Nagar, Ghaziabad – 201002, U.P., India

एसीएसआईआर, सीएसआईआर-एचआरडीसी परिसर, सेक्टर - 19,  
कमला नेहरू नगर, गाज़ियाबाद - 201002, उ.प्र., भारत

**OFFICE MEMORANDUM**

No. AcSIR/7/10(1)-2018

Dated: October 12, 2018

**Subject: List of Students for the award of the Degree of 'Doctor of Philosophy' of the Academy of Scientific and Innovative Research in the month of July-September 2018**

It is hereby notified that the Chairman, Senate, in anticipation of the ratification by the Senate, AcSIR, has accepted the thesis submitted by the students (Annexure) and declared them eligible for the award of the Degree of 'Doctor of Philosophy' of the Academy of Scientific and Innovative Research in the month of July-September 2018. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 131 doctoral students

By order of the Director

  
Senior Manager, AcSIR

Copy to:

1. The Deans of AcSIR
2. The Associate Deans of AcSIR
3. Students
4. The Registrars of all Institutions of National Importance
5. The Secretary, Association of Indian Universities, AIU House, 16-Kotla Marg, New Delhi for University News
6. The Head, Human Resource Development Group, CSIR, CSIR Complex, Pusa, New Delhi
7. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi
8. The Indian Science Abstracts, National Institute of Science Communication and Information Resources (NISCAIR), 14 Satsang Vihar Marg, New Delhi- 110067

Sl. No.	Registration Number	Name	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
1	10CC12126006	Krishna Prasad M	CSIR-NCL, Pune	Chemical Science	Dr. G J SANJAYAN	Design, Synthesis and Structural Investigations of Template-Assisted Peptides and Synthesis of Novel Peptide Derivatives as Potential Central Nervous System Active Agents	13.06.2018	03.07.2018
2	20EE14141001	Jyothirmayee Dash	CSIR-SERC, Chennai	Engineering Science	Dr. Bala Pesala	Design and engineering of organic molecules for terahertz tags	19.06.2018	11.07.2018
3	20EE13A08010	Garud Shyam Ramkrishana	CSIR-CFTRI, Mysore	Engineering Science	Dr. Navin Kumar Rastogi	Ozonisation in the selected multiphase contactor for the preservation of sugarcane juice	27.06.2018	11.07.2018
4	10CC14A18003	Srinivasulu A	CSIR-IICT, Hyderabad	Chemical Science	Dr. K. RAJENDER REDDY	Iron/Copper catalyzed organic transformations: Access to heterocyclic derivatives via C-C, C-N and C-O bond formations	29.06.2018	11.07.2018
5	10BB14J08027	Praveen K Rajvanshi	CSIR-CFTRI, Mysore	Biological Science	Prof. Ram Rajasekharan	Role of stress regulatory transcription factors, Msn2/Msn4 in fatty acid oxidation in budding yeast	20.06.2018	12.07.2018
6	10BB12A37005	Abid Manzoor Shah	CSIR-IIIM, Jammu	Biological Science	Qazi Parvaiz Hassan	Isolation and characterization of selected actinomycetes and their secondary metabolites for antimicrobial and anticancer potential	23.02.2018	13.07.2018
7	10BB11A26056	Suwarna Gample	CSIR-NCL, Pune	Biological Science	Dhiman Sarkar	Biochemical studies on some aspects of nitrite metabolism and its physiological role in <i>Mycobacterium tuberculosis</i>	14.03.2018	13.07.2018
8	10BB14J17004	Anu Raju	CSIR-IIICB, Kolkata	Biological Science	Dr. P Jaisankar	Understanding parkinsonism using cellular and animal model: Effect of hyper cholesterolemia and natural antioxidant	18.05.2018	13.07.2018
9	10BB13J18064	Susheel Kumar Nethi	CSIR-IICT, Hyderabad	Biological Science	Chittaranjan Patra	Investigation of molecular mechanisms, toxicity and therapeutic angiogenesis of europium hydroxide nanorods	23.05.2018	13.07.2018
10	10BB11J33008	Pritu Pratibha	CSIR-IHBT, Palampur	Biological Science	Yelam Sreenivasulu	Studies on the Role of Coproporphyrinogen III Oxidase in the Gametophyte Development of <i>Arabidopsis thaliana</i>	04.06.2018	13.07.2018
11	10BB15J18047	Chiranjeevi Patarla	CSIR-IICT, Hyderabad	Biological Science	S. Venkata Mohan	Acidogenic and Photosynthetic Processes for Bioenergy Production through Waste Remediation: Scaling Up Studies	14.06.2018	13.07.2018
12	10BB14J08028	Madhuri Arya	CSIR-CFTRI, Mysore	Biological Science	Prof. Ram Rajasekharan	Role of alpha beta hydrolase domain containing protein in lipid metabolism and its regulation	20.06.2018	13.07.2018
13	10BB13J08004	Vipin A.V.	CSIR-CFTRI, Mysore	Biological Science	G Venkateswaran	Ginger ( <i>Zingiber officinale</i> ): Protective agent against Aflatoxin B1 induced hepatotoxicity	26.06.2018	13.07.2018
14	10BB15A17002	Deepak Kumar	CSIR-IIICB, Kolkata	Biological Science	Sharmila Chattopadhyay	To unravel the dynamic complexity of defense signaling network in respect to glutathione to combat environmental stress in plant	28.06.2018	13.07.2018
15	10BB13J02019	Ankit Sabharwal	CSIR-IGIB, New Delhi	Biological Science	Sridhar Sivasubbu	Nuclear and Mitochondrial Crosstalk: Implications in Mitochondrial function	29.06.2018	13.07.2018
16	10BB14J36007	Adnan Asad Karim	CSIR-IIIMT, Bhubaneswar	Biological Science	Manish Kumar	Development of biochar fertilizers from nutrient rich waste materials for agricultural application	02.07.2018	13.07.2018

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17	10PB12J15003	Manpreet Kaur	CSIR-CSIO, Chandigarh	Biological Science	Sunita Mishra	Study of bacterial isolates from yak milk for antimicrobial compounds and screening of their probiotic potential	19.06.2018	17.07.2018
18	10BB13J10008	Bhawana Mishra	CSIR-CIMAP, Lucknow	Biological Science	Dr.(Mrs.) Neelam S. Sangwan	Biochemical, phytochemical and molecular responses of cadmium stress in <i>Withania somnifera</i> (L.) Dunal.	02.07.2018	17.07.2018
19	10PP12A27002	Madhuri Gulhane	CSIR-NEERI, Nagpur	Physical Science	Dr. Hemant J. Purohit	Structural and functional analysis of microbial community residing in lab scale bioreactor treating vegetable waste	17.05.2018	20.07.2018
20	10CC13A33007	Vandana Thakur	CSIR-IHBT, Palampur	Chemical Science	Dr. Pralay Das	Development of Methodologies for Amidation and Cross-Coupling Reactions	08.06.2018	20.07.2018
21	10PP12A09005	Surajit Bose	CSIR-CGCRI, Kolkata	Physical Science	Dr. Shyamal Kumar Bhadra (supervisor)/ Dr. Mirinmay Pal (Co-Supervisor)	Theoretical and experimental study of ultrafast pulse propagation and multifarious soliton dynamics in nonlinear speciality photonic crystal fibers	14.06.2018	20.07.2018
22	10CC12A32012	Mukta Tyagi	CSIR-NPL, New Delhi	Chemical Science	Dr. A. M. Biradar	Development of Lab-on-Chip based platforms for the detection of biomolecules: Cholesterol & Lipocalin-2	05.07.2018	20.07.2018
23	10CC12A39010	Sandeepa K. V.	CSIR-NIIST, Thiruvananthapuram	Chemical Science	Dr. Joshy Joseph	Design of functional fullerenes: Investigation of their photophysical and DNA self-assembly properties for optoelectronic applications	09.07.2018	20.07.2018
24	10BB12A25002	Sunil Kumar Gupta	CSIR-NBRI, Lucknow	Biological Science	Vivek Pandey	Use of Ethylene diurea (EDU) to assess impact of tropospheric ozone in Wheat and Maize	16.07.2018	20.07.2018
25	10BB14J08030	Greeshma M	CSIR-CFTRI, Mysore	Biological Science	Dr. Rajini P S	Nutraceutical modulation of Manganese-induced neurodegeneration in animal models	16.07.2018	20.07.2018
26	32EE12A15009	Prashant Kumar	CSIR-CSIO, Chandigarh	Engineering Science	Dr. Sanjit K. Debnath	Assessment of vulnerability of groundwater to contamination in Fatehgarh Sahib District, Punjab, India using an index-based model	06.07.2018	23.07.2018
27	10CC12A39014	Aparna P. S.	CSIR-NIIST, Thiruvananthapuram	Chemical Science	Dr. R. LUXMI VARMA	Desymmetrization of Diazabicyclic Olefins via Transition Metal Catalyzed sp <sup>2</sup> C-H Activation : Access to Functionalized Cyclopentenes	13.07.2018	23.07.2018
28	10CC13J16013	Naveen Gupta	CSIR-CSMCR, Bhanuagar	Chemical Science	Dr. N. H. Khan	Homogenous and heterogeneous catalysts for organic transformations	12.07.2018	24.07.2018
29	10BB14J16020	Ranjeet Kumar	CSIR-CSMCR, Bhanuagar	Biological Science	Dr. Asish Kumar Parida	Physiological, biochemical and transcriptome analysis in maize (Zea mays L.) for unraveling the alleviatory response of Kappaphycus alvarezii seaweed sap towards drought tolerance	16.07.2018	24.07.2018
30	10PP13A15002	Uma Kamboj	CSIR-CSIO, Chandigarh	Physical Science	Dr. Sunita Mishra	Application of Near Infrared Spectroscopy for prediction of physicochemical parameters of flours	21.07.2018	25.07.2018
31	10BB12A38003	Bitopan Sarma	CSIR-NEIST, Jorhat	Biological Science	Dr M Bhuyan	Adaptive interaction of representative butterfly and its host plant in some gas flaring areas of Sivasagar District of Assam	12.06.2018	26.07.2018

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32	10CC12A26040	Tharun Kumar Kotammagari	CSIR-NCL, Pune	Chemical Science	Dr. A. K. Bhattacharya	Biomimetic total synthesis of Angiotriactone B: Synthesis of bioactive lactones and artemisinin acid glycoconjugates	05.07.2018	30.07.2018
33	10CC12I05002	Munaliah Yeddala	CSIR-CECRI, Karaikudi	Chemical Science	Dr. Vijayamohan K. Pillai	Development of carbon based electrode materials and electrolyte additives for zinc bromine redox flow battery	20.07.2018	30.07.2018
34	20EE12A09001	Mayur Shukla	CSIR-GGCRI, Kolkata	Engineering Science	Dr. Sumana Ghosh	Joining of ceramic materials by microwave-assisted brazing	13.07.2018	31.07.2018
35	10CB13I11001	N. Durairandy	CSIR-CLRI, Chennai	Biological Science	Dr. M.S.KIRAN	STUDIES ON THERAPEUTIC INTERENTION OF ANGIOGENESIS USING MOLECULAR AND NANOBIOLOGICAL APPROACHES	14.05.2018	06.08.2018
36	10BB12A26071	Abhishek Subramanian	CSIR-NCL, Pune	Biological Science	Ram Rup Sarkar	A Computational Investigation of Stage-specific and Species specific Factors of the Leishmania Parasite to understand the Survival Strategies	11.05.2018	06.08.2018
37	10BB13I36003	Diptipriya Sethi	CSIR-IMMT, Bhubaneswar	Biological Science	Dr. Ramasamy Sakthivel	Titania based materials for drinking water disinfection	18.07.2018	06.08.2018
38	10BB13A02006	Deepanjan Paul	CSIR-IIGB, New Delhi	Biological Science	Dr. Soumya Sinha Roy	MicroRNA editing and its functional consequence in Glioblastoma Multiforme (GBM)	27.07.2018	06.08.2018
39	10CC12A26085	Arunava Maitry	CSIR-NCL, Pune	Chemical Science	Dr. Amitava Das	Tailoring the optical properties and morphology of low-molecular weight based supramolecular gelators	13.06.2018	08.08.2018
40	10CC12A39002	Sreejith M Thiruvananthapuram	CSIR-NIST, Thiruvananthapuram	Chemical Science	Dr. Joshy Joseph	Design, synthesis and photophysical properties of organic conjugates of two-dimensional layered nanomaterials for Sensing and PDT applications	09.07.2018	20.07.2018
41	10CC15A26022	Anish Lazar	CSIR-NCL, Pune	Chemical Science	Dr. ANAND PAL SINGH	Metal-organofunctionalized SBA-15 catalysts for fine chemical syntheses	18.06.2018	08.08.2018
42	10CC12A37026	Priya Mahajan	CSIR-IIM, Jammu	Chemical Science	Dr. Amit Nargotra	Combining ligand and structure based In silico methods for the selection of potential inhibitors against anticancer targets	21.06.2018	08.08.2018
43	10CC15I37028	Siva Reddy Annem	CSIR-IIM, Jammu	Chemical Science	Dr. Parthasarathi Das	Novel methods for C-N bond formation, total synthesis of Aaptamine and Liriodenine	06.07.2018	08.08.2018
44	10CC15A38005	Allou N'guadi Blaise	CSIR-NEIST, Jorhat	Chemical Science	Dr. RL Goswamee	Layered double hydroxides based hybrid nanocomposites for the extended release of important biologically active molecules	13.07.2018	08.08.2018
45	10CC14A38003	Ashwini Borah	CSIR-NEIST, Jorhat	Chemical Science	Dr P Gogoi	Development of new carbon-carbon bond forming reactions and synthesis of Phenanthridine and 1,4-Naphoquinone derivatives	20.07.2018	08.08.2018
46	10CC13A18009	Hannumantha Rao G	CSIR-IICT, Hyderabad	Chemical Science	Dr. SURYA PRAKASH SINGH	Design and synthesis of near-infrared functional dyes for optoelectronic applications	30.07.2018	08.08.2018
47	1BB12A18069	Gopoju Raja	CSIR-IICT, Hyderabad	Biological Science	Dr. Srigriridhar Kotamraju	Studies on the role of AMPK activation in regulating lipid homeostasis during oxidative stress- and high fat diet-induced atherosclerosis	31.07.2018	08.08.2018

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48	10CC11A33010	Lavekar Aditya Gandhidas	CSIR-CDRI, Lucknow	Chemical Science	Dr. Arun K Sinha	Development of green synthetic methodologies for C-C and C-X (X = N, S) bonds formation and their application in the synthesis of bioactive small molecules	01.08.2018	08.08.2018
49	10PP11J29004	Suchandan Bernal	CSIR-NIO, Goa	Physical Science	Dr. A. C. Anil	Diversity and trophodynamics of <i>Synechococcus</i> in the Eastern Arabian Sea	01.08.2018	08.08.2018
50	10BB13A05017	A. Priyadarshini	CSIR-CECRI, Karaikudi	Biological Science	Dr. S. Maruthamuthu	Electro - bio remediation strategies for effective treatment of organic containing wastewaters	02.08.2018	08.08.2018
51	10BB13J25008	Garima Dixit	CSIR-NBRI, Lucknow	Biological Science	Dr. Praveen C. Verma	Exploring the role of phenolics for management of chewing pests in <i>Gossypium hirsutum</i> L.	03.08.2018	08.08.2018
52	32EE15A32001	Atul Thakre	CSIR-NPL, New Delhi	Engineering Science	Dr. Ashok Kumar	Resistive switching in organic and inorganic thin films for non-volatile memory application	10.08.2018	14.08.2018
53	10PP13J26045	Manoj Kumar Nandi	CSIR-NCL, Pune	Physical Science	Dr. Sarika Maitra Bhattacharya	Role of structure in determining the dynamics using theoretical techniques like mode coupling theory and computer simulations	06.07.2018	14.08.2018
54	10PP13A28003	Bhoopendra Singh	CSIR-NGRI, Hyderabad	Physical Science	Dr. Prantik Mandal	Study of earthquake source processes, attenuation and mantle anisotropy in the Kachchh rift zone, Gujarat, India	27.07.2018	14.08.2018
55	10CC13A12014	Sourav Kumar Saha	CSIR-CMERI, Durgapur	Chemical Science	Dr. Priyabrata Banerjee	Designed synthesis of N, O, S donor organic molecules towards corrosion inhibition of mild steel in acidic medium: A combined experimental and theoretical approach	31.07.2018	14.08.2018
56	32EE14J32001	Indu Elizabeth	CSIR-NPL, New Delhi	Engineering Science	Dr. BHANU PRATAP SINGH	STUDIES ON THE DEVELOPMENT OF ANODE MATERIALS FOR HIGH CAPACITY RECHARGEABLE LI ION BATTERIES	02.08.2018	14.08.2018
57	10BB14A10003	Smita Singh	CSIR-CIMAP, Lucknow	Biological Science	Dr. R. K. Lal	Genetics of quantitative and qualitative economic traits related to essential oil yield in Basil ( <i>Ocimum basilicum</i> L.)	03.08.2018	14.08.2018
58	10BB12J08003	Sonbarse Purnshottam Priyanka	CSIR-CTRI, Mysore	Biological Science	Dr. Giridhar Parvatam	Studies on Endophyte-mediated signaling to understand regulations of micronutrient in <i>Moringa oleifera</i>	13.08.2018	16.08.2018
59	10CC12A26049	Bharat Shrinant	CSIR-NCL, Pune	Chemical Science	Dr. Prakash P. Wadgaonkar	Polymers of intrinsic microporosity and poly(ionic liquids): Synthesis, characterization and gas permeation studies	14.06.2018	20.08.2018
60	10CC13J26024	Markad Shivaji Bhimrao	CSIR-NCL, Pune	Chemical Science	Dr. N. P. Avgade	Studies on total synthesis of bioactive carbazole alkaloids	15.06.2018	20.08.2018
61	10CC12A26008	Richa Chaudhary	CSIR-NCL, Pune	Chemical Science	Dr. Parash Laxmikant Dhepe	Employment of heterogeneous base catalysts in the depolymerisation of lignin and upgradation of lignin derived monomers	22.06.2018	20.08.2018
62	10CC13A26029	Pragati Sharma	CSIR-NCL, Pune	Chemical Science	Dr. RAJNISH KUMAR	Computational studies on the effect of composition and interactions on structure, dynamics and gas adsorption properties of polymeric materials	09.07.2018	20.08.2018

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63	10CC14A17015	Manash Kumar Manna	CSIR-IICT, Kolkata	Chemical Science	Dr. Ranjan Jana	Divergent synthesis of heterocycles through cascade C-H bond activation	03.08.2018	20.08.2018
64	10CC12A18020	Srivani D	CSIR-IICT, Hyderabad	Chemical Science	Dr. SIDHANATH V. BHOSALE	Design and synthesis of functional Naphthalene Diimides and their application in organic photovoltaics	09.08.2018	20.08.2018
65	20EE12A26077	Gunuwant Mule	CSIR-NCL, Pune	Engineering Science	Dr. Amol A. Kulkarni	Mixing Intensification in Stirred Tank Reactors and in Small Channels	25.06.2018	21.08.2018
66	10BB14A26059	Gayatri Subhashchandra Gera	CSIR-NCL, Pune	Biological Science	Dr. Sanjay Kamble	Treatment of sewage water by using microalgae coupled with membrane bioreactor (MBR) system	31.07.2018	21.08.2018
67	10PP11J29002	Devika Joshi	CSIR-NIO, Goa	Physical Science	Dr. C. Mohandass	UV absorbing compounds from marine cyanobacteria	07.08.2018	21.08.2018
68	10BB12A02040	Ajay Bhat	CSIR-IGIB, New Delhi	Biological Science	Dr. Shantanu Sengupta	Understanding the mechanism behind alleviation of cysteine induced toxicity	08.08.2018	21.08.2018
69	10CC14J16001	Anirudha Mondal	CSIR-CSMCR, Bhavnagar	Chemical Science	Dr. Asit Baran Panda	Spray drying strategy for the synthesis of nanostructured materials and their possible applications	10.08.2018	21.08.2018
70	10BB14J10002	Sana Tananda Saeed	CSIR-CIMAP, Lucknow	Biological Science	Dr. Abdul Samad	Molecular characterization, diversity of <i>Begomovirus</i> infecting <i>Mentha</i> spp. and development of diagnostics for the better management	13.08.2018	21.08.2018
71	10CC15J18024	Joshi Prabhakar Ramchandra	CSIR-IICT, Hyderabad	Chemical Science	Dr. RAJESH CHANDRA	Novel oxidative benzannulation reactions for the construction of substituted biaryls and related transformations	14.08.2018	21.08.2018
72	10CC15J16009	Sekhar Nandi	CSIR-CSMCR, Bhavnagar	Chemical Science	Dr. N. H. Khan	Development of heterogeneous catalysts for hydrogenation reactions	17.08.2018	21.08.2018
73	10BB12A22001	Vikas Singh	CSIR-IICT, Lucknow	Biological Science	DR DEBABRATA GHOSH	Arsenic-induced modulation of microglial function and its role in neuronal health	20.08.2018	21.08.2018
74	10BB13A22001	Ruchi Gera	CSIR-IICT, Lucknow	Biological Science	Dr. Debabrata Ghosh	Studies on the role of regulatory T cells in arsenic-induced immune modulation in BALB/c mice	20.08.2018	21.08.2018
75	20EE13A32017	Ashish Gupta	CSIR-NPL, New Delhi	Engineering Science	Dr. Sanjay R. Dhakate	Electrospun carbon nanofibers based anode material for lithium ion batteries	17.08.2018	24.08.2018
76	20EE15J32018	Neeraj Marwah	CSIR-NPL, New Delhi	Engineering Science	Dr. Avinish Kumar Srivastava	Nanostructured magnesium oxide for optical performances	20.08.2018	24.08.2018
77	10CC12J26015	Nikam Arun Vilas	CSIR-NCL, Pune	Chemical Science	Dr. Amol A. Kulkarni	Batch and flow synthesis of inorganic nanoparticles and organic particles	26.07.2018	29.08.2018
78	10CC13J26008	Viswanadh Nalla	CSIR-NCL, Pune	Chemical Science	Dr. M. Muthukrishnan	Synthesis of optically pure pharmaceuticals employing Aziridines/Epoxides as chiral synthons and development of novel biologically active compounds based on Benzopyran-4-ones	10.08.2018	29.08.2018

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79	10CC13126022	Ruchi Jain	CSIR-NCL, Pune	Chemical Science	Dr. Chinnakonda Subramanian Gopinath	Gas-solid interaction and its influence in electronic structure and catalysis : A near ambient pressure photoelectron spectroscopy study	14.08.2018	29.08.2018
80	10CC11126072	Manjunath B	CSIR-NCL, Pune	Chemical Science	Dr. P A Joy	Structural and magnetic properties of Bi and Fe sites co-substituted bismuth ferrite	10.08.2018	29.08.2018
81	10BB12A02001	Ajit Singh	CSIR-IGIB, New Delhi	Biological Science	Dr. Rakesh Sharma	Functional characterization of a novel arsenic resistance gene	17.08.2018	29.08.2018
82	10CC12126011	Kavita Garg	CSIR-NCL, Pune	Chemical Science	Dr. Prakash P. Wadgaonkar	Step growth polymers containing pendent clickable groups: Synthesis, characterization and chemical modifications	23.07.2018	29.08.2018
83	10CC13A05010	S. Hosimin	CSIR-CECRI, Karaikudi	Chemical Science	Dr. S. Maruthamuthu	Recovery of Valuable Products from Industrial Waste by Electrochemical Processes	16.08.2018	29.08.2018
84	10BB13117013	Lubhna Sheikh	CSIR-IGIB, Kolkata	Biological Science	Dr. Sucheta Tripathy	Biomimetic hydroxyapatite composites for bone repair	18.07.2018	29.08.2018
85	10PP12A32003	Aniket Rana	CSIR-NPL, New Delhi	Physical Science	Dr. Rajiv K Singh	Transient Photo physics and Charge Carrier Transfer Dynamics in Bulk-Heterojunction Organic Solar Cells	20.08.2018	05.09.2018
86	10BB14J04002	Agarwal Satishkumar Gopikishan	CSIR-CDRI, Lucknow	Biological Science	Dr. Anil K Dwivedi	Nano-engineered formulations for effective management of breast cancer	29.08.2018	07.09.2018
87	10BB14A02030	Shraddha Chakraborty	CSIR-IGIB, New Delhi	Biological Science	Prof. Dwaipayan Bharadwaj	Establishing the biological role of TMEM163: Gene identified from Type 2 Diabetes GWAS in Indian population	30.08.2018	07.09.2018
88	10BB14A02009	Bharati Mehani	CSIR-IGIB, New Delhi	Biological Science	Dr. Mohammed Faruq	Spectrum of de-novo transcriptomic changes in human brain mediated by fusion transcripts & RNA editing	29.08.2018	07.09.2018
89	20EE13A32016	Noorjahan	CSIR-NPL, New Delhi	Engineering Science	Dr. R. P. Pant	DILUTION EFFECT-ON VISCOELASTIC PROPERTIES OF MAGNETIC AND MAGNETORHEOLOGICAL FLUIDS	30.08.2018	07.09.2018
90	20EE12A26073	Nilesh Choudhary	CSIR-NCL, Pune	Engineering Science	Dr. Rajnish Kumar	Role of Additives on the Formation and Decomposition Kinetics of Gas Hydrates: Molecular Dynamics Simulation	17.08.2018	07.09.2018
91	10BB13A33003	Rubbel Singla	CSIR-IHBT, Palampur	Biological Science	Dr. Amitabha Acharya	Characterization of cellulose nanocrystals from plants and their use in nanocomposites for biomedical applications	24.08.2018	07.09.2018
92	10BB12125015	Sarita	CSIR-NBRI, Lucknow	Biological Science	Dr. Praveen C Verma	Development and characterization of transgenic tomato ( <i>Solanum lycopersicum</i> L.) expressing Trna12 to provide resistance against whitefly ( <i>Bemisia tabaci</i> Genn.)	29.08.2018	07.09.2018
93	10BB12122010	Anubha Mudawal	CSIR-IITR, Lucknow	Biological Science	Dr. Devendra Parmar	Age dependent alterations in protein expression profiling in rats exposed to lindane and their possible role in neurodegeneration	31.08.2018	07.09.2018
94	10BB13J02032	Sourav Ghosh	CSIR-IGIB, New Delhi	Biological Science	Dr. Shantanu Sengupta	Understanding the epigenetic architecture of mitochondrial genome using in-silico approach	04.09.2018	07.09.2018

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95	10BB13J02029	Samantha Kohli	CSIR-IGIB, New Delhi	Biological Science	Dr. Ritusree Kukreti	Genetic variants under hypobaric hypoxia: A genome wide approach	24.08.2018	07.09.2018
96	10BB13A18038	Manupati Kanakaraju	CSIR-IICT, Hyderabad	Biological Science	Dr. Amitava Das	Modulation of molecular signaling mechanisms in metastatic breast cancer stem cells	30.08.2018	07.09.2018
97	10CB13J11007	P. Sathiamurthi	CSIR-CLRI, Chennai	Biological Science	Dr. B. Madhan	Sustained release micro-particles loaded collagen based bio-material for treatment of chronic wounds	31.07.2018	10.09.2018
98	10PP14A32011	Alka Sharma	CSIR-NPL, New Delhi	Physical Science	Dr. Sudhir Husale	Broad-spectral photodetection studies in CdS nanostructures and topological insulator based nanostructures	05.09.2018	10.09.2018
99	10CC14J26001	Anila H.A	CSIR-NCL, Pune	Chemical Science	Dr. Amitava Das	Synthesis of fluorescent probes for specific recognition and imaging applications	21.08.2018	11.09.2018
100	10CC13A26001	Gade Arnol Babasaheb	CSIR-NCL, Pune	Chemical Science	Dr. Nitin T. Patil	Gold(I) and Chiral Brønsted Acid Catalyzed Reactions for the Synthesis of Carbocycles and Heterocycles	17.08.2018	11.09.2018
101	10CC12A26053	Kiran K. J.	CSIR-NCL, Pune	Chemical Science	Dr. SURESH BHAT	Investigation of phase behaviour of neutral and ionic microgels using scattering, rheology and microscopy techniques	17.08.2018	11.09.2018
102	10CC15A16005	N Naresh Kumar Reddy	CSIR-CSMCRI, Bhavanagar	Chemical Science	Dr. S. Adimurthy	Oxidative coupling of C-C and C-Hetero bond formations under metal-free conditions	27.08.2018	11.09.2018
103	10CC14A26032	Ashvini Babasaheb Deshmukh	CSIR-NCL, Pune	Chemical Science	Dr. (Mrs.) Manjusha V. Shelke	Synthesis and characterization of porous carbon materials for electrochemical energy storage	27.08.2018	11.09.2018
104	10CC13J05003	Remith P	CSIR-CECRI, Karaikudi	Chemical Science	Dr. N. Kalaiselvi	High capacity and high voltage electrodes for lithium batteries	24.08.2018	11.09.2018
105	10CC12A26016	Vijaykumar Koshi	CSIR-NCL, Pune	Chemical Science	Dr. Samir Chikkali	Catalytic synthesis of P-chiral supramolecular phosphines, their self-assembled metal complexes and implication in asymmetric catalysis	18.07.2018	26.09.2018
106	10CC13A18009	Gangababu Marri	CSIR-IICT, Hyderabad	Chemical Science	Dr. Saibal Das	Development of new applications of acylsilanes and synthetic strategy towards 5(E)-7-Oxozeaenol	23.07.2018	26.09.2018
107	10CC13J26012	Swechcha Pandey	CSIR-NCL, Pune	Chemical Science	Dr. Samir Chikkali	Regioselective rhodium catalyzed isomerizing hydroformylation and Fe catalyzed hydroformylation of alkenes and plant oils	14.08.2018	26.09.2018
108	20EE12J15004	Bala Chakravarthy Neelapu	CSIR-CSIO, Chandigarh	Engineering Science	Dr. H.K.Sardana	An approach for automatic segmentation and volumetric analysis of human upper airway	20.08.2018	26.09.2018
109	10CC13J33012	Saurabh Sharma	CSIR-IHBT, Palampur	Chemical Science	Dr. Pralay Das	Methodology development for the synthesis of heterocycles and reduction reactions	29.08.2018	26.09.2018
110	10BB15J17002	Mathu Malair C	CSIR-IIICB, Kolkata	Biological Science	Dr. Sucheta Tripathy	Pertils of Genome Assembly: Data types and sequencing platform defines optimal genome assembly in prokaryotes and eukaryotes	13.09.2018	26.09.2018
111	10CC11A16003	Sreedhar Gundekari	CSIR-CSMCRI, Bhavanagar	Chemical Science	Dr. Kannan Srinivasan	Preparation of value added fuel, polymer and chemical intermediates from biomass-based functional molecules using tools of green catalytic organic transformations	11.09.2018	26.09.2019

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Sl. No.	Registration Number	Name	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
112	10BB12A26063	Anurag Shukla	CSIR-NCL, Pune	Biological Science	Dr. Dhanasekaran Shanmugam	Studies on Genetic and Pharmacological Perturbations on Carbon and Energy Metabolism in <i>Toxoplasma gondii</i> and <i>Plasmodium falciparum</i>	06.09.2018	26.09.2018
113	10CC13A16002	Mohd Nazish	CSIR-CSMCRI, Bhavnagar	Chemical Science	Dr. N. H. Khan	Development of chiral/achiral Catalysts for Hydrophosphonylation Reaction	10.09.2018	26.09.2018
114	20EE12136001	Sarita Das	CSIR-IMMT, Bhubaneswar	Engineering Science	Dr. Debi Prasad Das	Development of Monitoring Systems for Hydrogen Plasma Processes	10.09.2018	26.09.2018
115	20EE13A39016	Athul K. R.	CSIR-NIIST, Thiruvananthapuram	Engineering Science	Dr. A. Srinivasan	Structure - Property Evaluation of Gd & Ca Added Mg-Al & Mg-Zn Alloys.	17.09.2018	26.09.2018
116	20EE13A06004	Rajul Bansal	CSIR-CEERI, Pilani	Engineering Science	Dr. Abhijit Karmakar	System-on-Chip Design and Efficient Coprocessor Integration for Performance Optimisation of Embedded Applications	21.09.2018	26.09.2018
117	10BB12A37013	Zubair Shanib Bhat	CSIR-IIMM, Jammu	Biological Science	Dr. Zahoor Ahmad Parry	Cinnamoyl pyrones as a new class of promising chemotherapeutic agents against tuberculosis: Insights from <i>in vitro</i> studies	31.08.2018	26.09.2018
118	10CB13118026	Salma Mukhtar Mir	CSIR-IICT, Hyderabad	Biological Science	Dr. Sista Ramakrishna	Pharmacological and Mechanistic Evaluation of Phytochemicals against Acute Liver and Kidney Injury in Rodent Models	17.09.2018	26.09.2018
119	10BB12A37006	Tarandeep Kaur	CSIR-IIMM, Jammu	Biological Science	Dr. Dhiral Vyas	Evaluating the role of glutathione mediated redox homeostasis Vis-à-vis glucosinolate metabolism in adaptation of <i>Lepidium latifolium</i> L.	10.09.2018	26.09.2018
120	10BB14125005	Poonam Pant	CSIR-NBRI, Lucknow	Biological Science	Dr. Samir V. Sawant	Computational analysis of Calmodulin-Binding Transcription Activator (CAMTA) gene family in <i>Gossypium</i> species: identification, evolutionary analysis and transcriptional gene regulatory networks	19.09.2018	26.09.2018
121	10BB111125017	Devesh Kumar Mishra	CSIR-NBRI, Lucknow	Biological Science	DR. SAMIR V. SAWANT	Identification And Validation Of Wound-Inducible Promoter From <i>Arabidopsis Thaliana</i>	19.09.2018	26.09.2018
122	10BB11118117	SSS Nageswara Rao	CSIR-IICT, Hyderabad	Biological Science	Dr. Sunil Misra	<i>In vitro</i> Molecular and Cytogenetic Toxicity Evaluation of Costunolide and Dehydrocostus lactone Obtained from <i>Saussurea lappa</i>	19.09.2018	26.09.2018
123	10BB13A37002	Gurleen Kaur	CSIR-IIMM, Jammu	Biological Science	Dr. Zabeer Ahmed	Comprehensive physicochemical and pharmacokinetic profiling of nitroimidazole derivatives: Novel molecules with promising action against tuberculosis	06.08.2018	26.09.2018
124	20EE13A32021	Chandan Singh	CSIR-NPL, New Delhi	Engineering Science	Dr. G. Sumana	Fabrication of Nanomaterial Integrated Microfluidic Biosensor for <i>Salmonella typhimurium</i> Detection	24.09.2018	28.09.2018
125	20EE16118024	Vishnu Sravan Bollu	CSIR-IICT, Hyderabad	Engineering Science	Dr. CHITTA RANJAN PATRA	Investigation of Biological Activity and Toxicological Evaluation of Metal Based (Silica, Copper Terbiun) Materials	19.09.2018	28.09.2018

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Sl. No.	Registration Number	Name	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
126	32EE14J32003	Anuj Krishna	CSIR-NPL, New Delhi	Engineering Science	Dr. N. Vijayan	Crystallization and detailed investigations on characteristic features of organic single crystals for nonlinear optical applications	20.09.2018	28.09.2018
127	32EE12J15006	Rishemjit Kaur	CSIR-CSIO, Chandigarh	Engineering Science	Dr. GPS Raghava	Collective intelligence in multi-agent systems: an optimization perspective	17.08.2018	28.09.2018
128	10CC13A26015	Sandeep Kumar Sharma	CSIR-NCL, Pune	Chemical Science	Dr. Asha S. K.	Alternate and Random Copolymers of Bay substituted Rylenebisimides for Energy Applications.	21.09.2018	28.09.2018
129	10CC13J32009	Swati	CSIR-NPL, New Delhi	Chemical Science	Dr. S. Swarupa Tripathy	Investigation on Stable Isotopic Composition of Heavy Metals in Paddy Crops of Punjab Region and Their Source Apportionment	18.09.2018	28.09.2018
130	10CC12A26021	Dhokale Ranjeet Ashokrao	CSIR-NCL, Pune	Chemical Science	Dr. Santosh B. Mhaske	Development of novel methodologies in aryne chemistry and their application in the total synthesis of bioactive natural products	10.08.2018	28.09.2018
131	10CC12A26015	Rajesh Bisht	CSIR-NCL, Pune	Chemical Science	Dr. J. Nithyanandhan	NIR Active Squaraine Dyes for Dye-Sensitized Solar Cells: Modulating Aggregation, Orientation and Electronic Properties of the Dyes	10.09.2018	30.09.2018

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