



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: January 08, 2019

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 November-December- 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 November-December-2018. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 109 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

Annexure I

| Sl. No. | Registration Number | Name | Institute | Faculty | Advisor | Thesis Title | Date of Viva Voce | Date of Award of Degree |
|---------|---------------------|----------------------|--------------------------------|--------------------|------------------------------|--|-------------------|-------------------------|
| 1 | 10BB12J22005 | Ajay Kumar | CSIR-IITR, Lucknow | Biological Science | Dr. Ravi Ram Kristipati | Development of Drosophila based model(s) for the assessment of female reproductive toxicity potential of xenobiotics | 26.10.2018 | 05.11.2018 |
| 2 | 10BB12J22019 | Brashket Seth | CSIR-IITR, Lucknow | Biological Science | Dr. Rajnish Kumar Chaturvedi | Effect of Carbofuran on Neural Stem Cell Proliferation and Differentiation in the Rat Brain: Cellular and Molecular Mechanism(s) | 29.10.2018 | 05.11.2018 |
| 3 | 10BB12A10005 | Priyanka Mishra | CSIR-CIMAP, Lucknow | Biological Science | Dr. V. Sunderasan | Genome analysis of Senna species for development of sequence characterized amplified region(SCAR) marker to characterize and validate Senna alexandrina towards checking rampant substitution in herbal market | 29.10.2018 | 05.11.2018 |
| 4 | 10BB12A02029 | Majari Rain | CSIR-IGIB, New Delhi | Biological Science | DR. RITUSHREE KUKRETI | Relevance of telomere in adaptation and maladaptation at high-altitude | 30.10.2018 | 05.11.2018 |
| 5 | 10BB13A04015 | Priyanka Shukla | CSIR-CDRI, Lucknow | Biological Science | Dr. Divya Singh | To study the role of IL-12 family cytokine(s) on post menopausal osteoporosis | 29.10.2018 | 05.11.2018 |
| 6 | 10CB13J22006 | Jyoti Singh | CSIR-IITR, Lucknow | Biological Science | Dr. Ratan Singh Ray | Assessment of phototoxicity mechanism of fluoroquinolones drugs under ultraviolet radiation | 29.10.2018 | 05.11.2018 |
| 7 | 10BB12A04006 | Dipti Tripathi | CSIR-CDRI, Lucknow | Biological Science | Dr. Kumaravelu Jagavelu | Functional analysis of MAPKAPK2 (MK2) in Endothelial Microparticles | 22.10.2018 | 05.11.2018 |
| 8 | 10CC13A39004 | Della Theresa Davis | CSIR-NIIST, Thiruvananthapuram | Chemical Science | Dr. C. H. Suresh | Density functional theory studies on hydrogen storage in molecular anions of different sizes and shapes | 26.10.2018 | 05.11.2018 |
| 9 | 10CC13A18003 | Ravi Ranjan | CSIR-IICT, Hyderabad | Chemical Science | Dr. Ch. Raji Reddy | Development of alkyne assisted annulation approach toward Azaspirocyclohexadienone and Nicotinate derivatives | 29.10.2018 | 14.11.2018 |
| 10 | 10CC14J16007 | Kalyanshis Jana | CSIR-CSMCRI, Bhavnagar | Chemical Science | Dr. B. Ganguly | In Silico Studies towards Understanding the Structure and Reactivity of Organic and Biomolecular Systems | 29.10.2018 | 14.11.2018 |
| 11 | 10CC16A18028 | Paladugu Srinu | CSIR-IICT, Hyderabad | Chemical Science | Dr. S. Chandrasekhar | Synthetic studies towards total synthesis of antibiotic Baulamycin A and asthma drug Zafirlukast | 25.10.2018 | 14.11.2018 |
| 12 | 10CC12A04042 | Vinay Shankar Tiwari | CSIR-CDRI, Lucknow | Chemical Science | Dr. W Haq | Synthesis, structural and biological studies of novel amino acids and amino acid conjugates | 29.10.2018 | 14.11.2018 |

| Sl. No. | Registration Number | Name | Institute | Faculty | Advisor | Thesis Title | Date of Viva Voce | Date of Award of Degree |
|---------|---------------------|---------------------------|--------------------------------|---------------------|--------------------------|--|-------------------|-------------------------|
| 13 | 10PP15A38021 | Eluyemi Adekulne Ayodeji. | CSIR-NEIST, Jorhat | Physical Science | Dr. S Baruah | Seismic hazard assessment through integrated approach on seismotectonics, geophysical and remote sensing studies to identify suitable site for a major construction in Nigeria | 04.09.2018 | 14.11.2018 |
| 14 | 10BB16J18029 | G Jagadeesh Kumar | CSIR-IICT, Hyderabad | Biological Science | Dr. V. Jayathirtha Rao | Design, synthesis and biological evaluation of novel 2-pyridone and s-triazine heterocyclic derivatives as PDE3A and autophagy inhibitors | 06.11.2018 | 16.11.2018 |
| 15 | 10CC14A05002 | S Anantharaj | CSIR-CECRI, Karaikudi | Chemical Science | Dr. Subrata Kundu | Transition metals based nanostructured materials for electrocatalytic water splitting | 31.10.2018 | 16.11.2018 |
| 16 | 10BB12A02031 | Priyanka Saxena | CSIR-IGIB, New Delhi | Biological Science | Dr. Chetan Gadgil | Mathematical analysis of stimulus driven modifications in the post-synaptic neuron | 30.10.2018 | 16.11.2018 |
| 17 | 10BB14J39012 | Priya P | CSIR-NIIST, Thiruvananthapuram | Biological Science | Dr KRISHNAKUMAR B. | Nutrient removal and biomethanation potential of prominent invading macrophytes | 01.11.2018 | 16.11.2018 |
| 18 | 10BB13A04021 | Yabaji Shivraj Mohanrao | CSIR-CDRI, Lucknow | Biological Science | Dr. K K Srivastava | Elucidating the Macrophage Proteins Modulated Through Early Secretory Antigenic Target Protein of Mycobacteria in Intracellular Persistence | 16.10.2018 | 16.11.2018 |
| 19 | 10CCC13J11005 | Naga Venkateswara Rao N | CSIR-CLRI, Chennai | Chemical Science | Dr. V. Subramanian | Computational studies on the design and development of carbon based novel two-dimensional dirac materials | 12.11.2018 | 16.11.2018 |
| 20 | 10CC15J16005 | Prem Prakash | CSIR-CSMCRI, Bhavnagar | Chemical Science | Dr. Vaibhav Kulshreshtha | Synthesis and Characterization of Stable and Highly Conducting Membranes and their Application in Electro-Membrane Processes | 15.10.2018 | 16.11.2018 |
| 21 | 10CP12A05009 | Balakumar K | CSIR-CECRI, Karaikudi | Physical Science | Dr. N. Kalaiselvi | Carbon scaffold based cathodes for Li-S and Li-Se batteries | 02.11.2018 | 16.11.2018 |
| 22 | 20EE14J08020 | Jincy M George | CSIR-CFTRI, Mysore | Engineering Science | Dr. Navin K. Rastogi | Effect of high pressure processing on infusion and extraction of bioactive compounds from solid food matrix | 12.11.2018 | 16.11.2018 |
| 23 | 10CC13A39006 | Greeshma Gopalan | CSIR-NIIST, Thiruvananthapuram | Chemical Science | Dr. K. V. Radhakrishnan | Phytochemical investigation of some selected medicinal plants and synthetic transformations of an abundant natural product zerumbone from Zingiber zerumbet (L.) Roscoe ex Sm. | 02.11.2018 | 20.11.2018 |

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|---------|---------------------|-------------------------|--------------------------------|---------------------|---------------------------|---|-------------------|-------------------------|
| 24 | 10CC13A18029 | Avnish Kumar | CSIR-IICT, Hyderabad | Chemical Science | Dr. Pravin R. Likhari | Pd/Cu Assisted Regioselective Synthesis of 1,2,3-Triazole Fused Heterocyclic Compounds via C-C and C-N Bond Formation | 13.11.2018 | 20.11.2018 |
| 25 | 10CC12J18023 | P Rao Darapureddi | CSIR-IICT, Hyderabad | Chemical Science | Dr. Rati Ranjan Nayak | Synthesis, characterization and self-assembly properties evaluation of bio-based surfactants | 12.11.2018 | 20.11.2018 |
| 26 | 20PE11A15001 | Shveta Mahajan | CSIR-CSIO, Chandigarh | Engineering Science | Dr. S.K. Mittal | Physical purity, viability and vigour testing of Soybean Seeds using visible and X-Ray Image Analysis | 06.11.2018 | 20.11.2018 |
| 27 | 10BB12A04021 | Akansha Mishra | CSIR-CDRI, Lucknow | Biological Science | Dr. Arvind Srivastava | Exploration of antihyperglycemic activity and molecular mechanism(s) of action of selected nature identicals | 12.11.2018 | 20.11.2018 |
| 28 | 10CC13A32015 | Neha Gupta | CSIR-NPL, New Delhi | Chemical Science | Dr. Rachana Kumar | Development of fullerene based dyad materials for organic photovoltaic applications | 31.10.2018 | 20.11.2018 |
| 29 | 10BB14J02003 | Bapu Koundinya Desiraju | CSIR-IGIB, New Delhi | Biological Science | Dr. ANURAG AGRAWAL | Systems approach for identification of drugs /drug targets for chronic obstructive pulmonary disease (COPD) | 05.11.2018 | 20.11.2018 |
| 30 | 10CC12A26013 | Govind Bhosale | CSIR-NCL, Pune | Chemical Science | Dr. Moneesha Fernandes | Arginine-rich Tat- and (R-X-R)-motif Peptidomimetics for DNA/RNA Binding, Antimicrobial Action and Cell Penetration. | 25.10.2018 | 20.11.2018 |
| 31 | 10CC13A26007 | Manoj Kumar Sahoo | CSIR-NCL, Pune | Chemical Science | Dr. Ekambaram Balaraman | Visible Light Mediated Photoredox Catalytic Dehydrogenation and C-H Arylation reactions | 17.10.2018 | 20.11.2018 |
| 32 | 10CC14J05002 | Sivasankara Rao | CSIR-CECRI, Karaikudi | Chemical Science | Dr. Subrata Kundu | Self-assembled metal oxide nanomaterials for catalysis and supercapacitor applications | 31.10.2018 | 20.11.2018 |
| 33 | 10CC15A39011 | Jyothi B. Nair | CSIR-NIIST, Thiruvananthapuram | Chemical Science | Dr. Kaustabh Kumar Maiti | Design, synthesis and biological assessment of molecular transporters for targeted delivery of anti-cancer drugs | 02.11.2018 | 20.11.2018 |
| 34 | 10CC14J18007 | B. Anil Kumar | CSIR-IICT, Hyderabad | Chemical Science | Dr. Rati Ranjan Nayak | Studies on gelation properties of the synthesized maleate amphiphiles and their applications | 02.11.2018 | 20.11.2018 |
| 35 | 10CC15J18027 | Ramanivas Triparaigiri | CSIR-IICT, Hyderabad | Chemical Science | Dr. AJAY KUMAR SRIVASTAVA | DEVELOPMENT OF NOVEL POST-UGI TRANSFORMATIONS TOWARDS CONSTRUCTION OF DIVERSE HETEROCYCLIC SCAFFOLDS AND THEIR BIOLOGICAL EVALUATIONS | 11.10.2018 | 26.11.2018 |

Aspirant

| Sl. No. | Registration Number | Name | Institute | Faculty | Advisor | Thesis Title | Date of Viva Voce | Date of Award of Degree |
|---------|---------------------|--------------------------|-----------------------|---------------------|---------------------------|---|-------------------|-------------------------|
| 36 | 10CC14J18016 | D Yugandar | CSIR-IICT, Hyderabad | Chemical Science | DR. AJAY KUMAR SRIVASTAVA | GENERATION OF NATURAL PRODUCT-LIKE SPIROCYCLIC SCAFFOLDS BY ONE-POT POST-IMCR MODIFICATIONS AND THEIR BIOLOGICAL EVALUATIONS | 11.10.2018 | 26.11.2018 |
| 37 | 10CC13A18045 | Ranjithkumar Gadi | CSIR-IICT, Hyderabad | Chemical Science | Dr. Maddi Sridhar Reddy | Electrophile initiated reactivity of functional alkynes involving azide as amine surrogate for medicinally important scaffolds | 15.10.2018 | 26.11.2018 |
| 38 | 20EE15J12001 | Sanjit Saha | CSIR-CMERI, Durgapur | Engineering Science | Dr. N. C. Murmu | Investigation of the effect of heterostructure and doping of semiconducting materials for high energy density supercapacitor application | 29.10.2018 | 26.11.2018 |
| 39 | 10PP11J29001 | Remya R | CSIR-NIO, Goa | Physical Science | Dr. D. Shankar | On the link between physical processes and the marine ecosystem in the eastern Arabian Sea | 23.10.2018 | 26.11.2018 |
| 40 | 10BB13J08010 | Snehal Dasharath Doke | CSIR-CFTRI, Mysore | Biological Science | Dr. Manish Guha | Effect of processing on nutritional, nutraceuticals and functional properties of garden cress (<i>Lepidium sativum</i> L.) seed and its application in specialty food formulations | 16.11.2018 | 26.11.2018 |
| 41 | 20EE14J35004 | Subhash Nimunpure | CSIR-AMPRI, Bhopal | Engineering Science | Dr. SAR Hashmi | Development and characterisation of sisal fibril based polymer composite for electrical insulation applications | 14.11.2018 | 26.11.2018 |
| 42 | 10CC15J18026 | Sridhar Undeela | CSIR-IICT, Hyderabad | Chemical Science | Dr. Rajesh Chandra | ALLENYL SULFONES, SULFONAMIDES AND GOLD CATALYSTS: A RECIPE FOR THE RAPID ASSEMBLY OF VARIOUS NITROGEN HETEROCYCLES | 15.11.2018 | 26.11.2018 |
| 43 | 10CC14A18005 | P Sangeetha | CSIR-IICT, Hyderabad | Chemical Science | Rajiv Trivedi | An approach towards the development of triazole and tetrazole derivatives of organic and ferrocene conjugates | 14.11.2018 | 26.11.2018 |
| 44 | 10CC14A17009 | Barnali Paul | CSIR-IICB, Kolkata | Chemical Science | Dr. Arindam Talukdar | Studies on gelation properties of the synthesized maleate amphiphiles and their applications | 12.11.2018 | 26.11.2018 |
| 45 | 10CC14J18014 | Desireddy rishna Swaroop | CSIR-IICT, Hyderabad | Chemical Science | Dr. B. Narsaiah | Studies on synthesis of novel 1,2-benzothiazine 1,1-dioxide and tertiary α -fluoroamide derivatives of biological interest | 16.11.2018 | 26.11.2018 |
| 46 | 10Cc13A05013 | R. Kamaraj | CSIR-CECRI, Karaikudi | Chemical Science | Dr. S. Vasudevan | Removal of chlorophenoxyacid herbicides from water by electrochemical methods | 15.11.2018 | 26.11.2018 |
| 47 | 10BB14J04008 | Rajeev Ranjan | CSIR-CDRI, Lucknow | Biological Science | Dr. Amit Misra | Inhalation formulation of second-line drugs for the treatment of drugresistant tuberculosis | 13.11.2018 | 26.11.2018 |

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|---------|---------------------|-----------------------|------------------------|---------------------|--------------------------|---|-------------------|-------------------------|
| 48 | 10BB13A08005 | M Vijaykrishnaraj | CSIR-CFTRI, Mysore | Biological Science | Dr. P Prabhasankar | Dietary modulation of inflammatory markers in gluten sensitized animal models | 26.11.2018 | 07.12.2018 |
| 49 | 10BB14J37008 | Samsher Singh | CSIR-IIIM, Jammu | Biological Science | Dr. Inshad Ali Khan | Identification and characterization of novel multidrug resistant inhibitors of Staphylococcus aureus | 18.10.2018 | 07.12.2018 |
| 50 | 10BB11A26055 | Manu MS | CSIR-NCL, Pune | Biological Science | Dr. Bhushan P. Chaudhari | Structure-function characterization of tail-anchored protein translocation pathway in plants | 22.11.2018 | 07.12.2018 |
| 51 | 10BB14J02009 | Rohan Ashok Dandage | CSIR-IGIB, New Delhi | Biological Science | Dr. Kausik Chakraborty | Exploring chemical chaperone assisted protein folding | 26.11.2018 | 07.12.2018 |
| 52 | 10PP13J32002 | Vijeta Singh | CSIR-NPL, New Delhi | Physical Science | Dr. J.J. Pulikkoti | Effect of spin-orbit coupling in iridium oxides | 11.09.2018 | 07.12.2018 |
| 53 | 20EE13A31006 | Y. Rajshekar | CSIR-NML, Jamshedpur | Engineering Science | Dr. J. Pal | Development of blast furnace grade hematite ore pellet with iron ore slime and mill scale additives | 30.10.2018 | 07.12.2018 |
| 54 | 10PP11A29007 | Vipin P | CSIR-NIO, Goa | Physical Science | Dr. S.G. Aparna | Surface and sub-surface properties of mesoscale SST fronts and filaments and their proximity to the potential fishing zones in the northeastern Arabian Sea | 26.11.2018 | 07.12.2018 |
| 55 | 10BB13J08009 | Richa Sharma | CSIR-CFTRI, Mysore | Biological Science | Dr. K S M S Raghava Rao | Sensing of chloramphenicol in food using nanomaterials and optical reporter molecules | 29.11.2018 | 07.12.2018 |
| 56 | 10BB14J16018 | Khanjan H. Trivedi | CSIR-CSMCRI, Bhavnagar | Biological Science | Dr. Arup Ghosh | Understanding the influence of Kappaphycus alvarezii seaweed extract towards enhancing productivity of maize (Zea mays) and alleviation of drought stress | 22.11.2018 | 07.12.2018 |
| 57 | 10CC14J26009 | Roby Soni | CSIR-NCL, Pune | Chemical Science | Dr. Sreekumar Kurungot | Structural alignment of pseudocapacitive materials over carbon morphologies to achieve improved capacitive performance | 22.11.2018 | 07.12.2018 |
| 58 | 10BB14A18011 | M Bhanuramya | CSIR-IICT, Hyderabad | Biological Science | Dr. Paramjit Grover | Genotoxicity assessment of magnesium oxide nano and microparticles: An in vitro, in vivo and eco toxicological study | 15.11.2018 | 07.12.2018 |
| 59 | 10CC15J18036 | Kanaparedu P C Sekhar | CSIR-IICT, Hyderabad | Chemical Science | Dr. Rati Ranjan Nayak | Evaluation of surface and self-assembly properties of glycolipid amphiphiles and their applications | 20.11.2018 | 07.12.2018 |

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|---------|---------------------|--------------------|------------------------|---------------------|----------------------------|---|-------------------|-------------------------|
| 60 | 10CC15J18012 | Burri Nagaraju | CSIR-IICT, Hyderabad | Chemical Science | Dr. C. Ganesh Kumar | Synthesis and biological evaluation of pyrazole, Coumarin conjugates and development of greener methodologies for some important heterocycles | 19.11.2018 | 07.12.2018 |
| 61 | 10CC15J18013 | Jeshma Kovvuri | CSIR-IICT, Hyderabad | Chemical Science | Dr. C. Ganesh Kumar | Synthesis of β -carboline, pyrazole and indole derivatives and development of photocatalytic methods for benzimidazole and quinoxaline derivatives as potential anticancer agents | 19.11.2018 | 07.12.2018 |
| 62 | 20EE13A32022 | Indu Sharma | CSIR-NPL, New Delhi | Engineering Science | Dr. KIRAN M SUBHEDAR | Control of CVD process and its flow dynamics for growth of improved quality graphene | 30.11.2018 | 07.12.2018 |
| 63 | 10CC14A26026 | Mukta Tathavadekar | CSIR-NCL, Pune | Chemical Science | Dr. S.K. Bhat | Synthesis and studies of carbonaceous and organic-inorganic hybrid perovskite materials for energy applications | 26.11.2018 | 07.12.2018 |
| 64 | 10PP14A32001 | Neha Batra | CSIR-NPL, New Delhi | Physical Science | Dr. Subhadeep De | Computations, design & instrumentation for precision Ion trap experiment | 30.11.2018 | 07.12.2018 |
| 65 | 10CC12A11003 | A Raman | CSIR-CLRI, Chennai | Chemical Science | Dr. S Easwaramoorthi | Tuning the excited state deactivation process of azobenzene derivatives towards multifunctional materials – Interplay between photophysical and photochemical properties | 30.11.2018 | 07.12.2018 |
| 66 | 10CC14A16010 | Mrinal Kanti Si | CSIR-CSMCRI, Bhavnagar | Chemical Science | Dr. Bishwajit Ganguly | Computational investigation to examine the role of non-bonded interaction towards the reactivity of chemical and biological systems | 20.11.2018 | 07.12.2018 |
| 67 | 10CC16A18035 | Sanchari Shome | CSIR-IICT, Hyderabad | Chemical Science | Dr. Surya Prakash Singh | Development of functional conjugated molecules via ruthenium catalysed c-h bond activation | 19.11.2018 | 07.12.2018 |
| 68 | 10CC12A37040 | Prashant Joshi | CSIR-IIIM, Jammu | Chemical Science | Dr. Prashant Joshi | Computational approaches for target based identification and optimization of new leads for cancer and infectious diseases | 29.10.2018 | 07.12.2018 |
| 69 | 32EE15A32004 | Akansha | CSIR-NPL, New Delhi | Engineering Science | Dr. Shailesh Narain Sharma | Development of highly luminescent and stable Quantum dots and their hybrid nanostructures | 05.12.2018 | 10.12.2018 |
| 70 | 10CC13A12012 | Peuli Nath | CSIR-CMERI, Durgapur | Chemical Science | Dr. Nripen Chanda | Functionalized gold nanoparticle for sensing heavy metal ions in water and biological samples | 29.11.2018 | 10.12.2018 |

Signature

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|---------|---------------------|----------------------------|--------------------------------|--------------------|--------------------------|--|-------------------|-------------------------|
| 71 | 10BB13A10002 | Sarfaraz Alam | CSIR-CIMAP, Lucknow | Biological Science | Dr. Feroz Khan | Development of drug designing method & screening tool for anticancer activity of phytomolecules through QSAR & System pharmacology | 10.12.2018 | 18.12.2018 |
| 72 | 10BB14J16016 | Arvind Kumar Singh Chandel | CSIR-CSMCRI, Bhavnagar | Biological Science | Suresh Kumar Jewrajka | Design and synthesis of polysaccharides and (Co)polymers based amphiphilic conetworks gels for biomedical applications | 12.12.2018 | 19.12.2018 |
| 73 | 10BB14J08006 | Gaurav Kumar Pal | CSIR-CFTRI, Mysore | Biological Science | Dr. Suresh P.V | Fish collagen and microbial collagenase: Production, and their potential food applications | 05.12.2018 | 18.12.2018 |
| 74 | 10CC12A26041 | Vikas Kumar | CSIR-NCL, Pune | Chemical Science | Dr. K. Krishnamoorthy | Porous polymers: Preparation, characterization and applications | 14.11.2018 | 20.12.2018 |
| 75 | 10BB12A51006 | Kandarp Joshi | CSIR-IGIB, New Delhi | Biological Science | Samir K Brahmachari | Study of pathogen genomics and transcriptomic changes in host during Mycobacterium tuberculosis infection | 10.12.2018 | 18.12.2018 |
| 76 | 10CC12J18034 | Suresh Kumar Gulla | CSIR-IICT, Hyderabad | Chemical Science | Dr. Arabinda Chauduri | Design of ligand decorated gold nanoparticles and liposomes for use in targeted chemotherapy and dendritic cell based cancer immunotherapy | 04.12.2018 | 18.12.2018 |
| 77 | 10BB12A08013 | Venkateshwari V | CSIR-CFTRI, Mysore | Biological Science | Dr. Malathi Srinivasan | Lipidome and transcriptome profiling of omega-3 fatty acid rich plant leaves | 06.12.2018 | 18.12.2018 |
| 78 | 10BB15A02033 | Subhasree Ray | CSIR-IGIB, New Delhi | Biological Science | Dr. Anurag Agrawal | Studies to regulate bacterial co-metabolism for producing polyhydroxyalkanoate from biological wastes | 06.12.2018 | 18.12.2018 |
| 79 | 10CC13J19003 | Subhasis Das | CSIR-IIP, Dehradun | Chemical Science | Ankur Bordoloi | Methane transformation to higher alcohols via syngas over nanostructured catalysts | 07.12.2018 | 18.12.2018 |
| 80 | 10CC13A05006 | Sheen Mers | CSIR-CECRI, Karaikudi | Chemical Science | Dr. V. Ganesh | "Studies on some novel platforms for sensing and catalytic applications" | 06.12.2018 | 18.12.2018 |
| 81 | 10CC13A17011 | Jayanta Samanta | CSIR-IICB, Kolkata | Chemical Science | Dr. Ramalingam Natarajan | Covalent organic cages and molecular recognition | 04.12.2018 | 18.12.2018 |
| 82 | 10BB13A17001 | Saswat Mahapatra | CSIR-IICB, Kolkata | Biological Science | Dr. Surajit Ghosh | Multiple target specific chemical combinations for development of potential anti-cancer therapy | 05.12.2018 | 18.12.2018 |
| 83 | 10BB11A18026 | Swathi Vangala | CSIR-IICT, Hyderabad | Biological Science | Manika Pal Bhadra | Design and synthesis of tetrahydropyran scaffolds and biological evaluation of saha analogs | 13.12.2018 | 19.12.2018 |
| 84 | 10BB13A08009 | Siddharth Priyadarshi | CSIR-CFTRI, Mysore | Biological Science | Dr. M. Madhava Naidu | Characterization, processing and value addition to coriander (Coriandrum sativum L.) foliage | 04.12.2018 | 18.12.2018 |
| 85 | 10CC13A39003 | Angel Mary Joseph | CSIR-NIIST, Thiruvananthapuram | Chemical Science | K.P. Surendran | Novel ultra low k materials for microelectronic applications | 13.12.2018 | 20.12.2018 |

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|---------|---------------------|------------------------|--------------------------------|--------------------|----------------------------|--|-------------------|-------------------------|
| 86 | 10CC13A04028 | Shakir Ahamad | CSIR-CDRI, Lucknow | Chemical Science | Dr. Kishor Mohanan | Domino reactions employing diazo compounds: Efficient access to novel N-heterocycles | 16.10.2018 | 20.12.2018 |
| 87 | 10BB13J37005 | Aubid Hussain Malik | CSIR-IIIM, Jammu | Biological Science | Dr. Nasheeman Ashraf | Cloning and characterization of zinc finger and PHD transcription factors involved in regulating apocarotenoid biosynthesis in <i>Crocus sativus</i> L | 02.11.2018 | 23.12.2018 |
| 88 | 10BB13A22002 | Hafizurrahman | CSIR-IITR, Lucknow | Biological Science | Dr. Vikas Srivastava | Understanding the developmental toxicity of mercury and its role in progression of adult onset kidney disorders | 17.12.2018 | 23.12.2018 |
| 89 | 10BB13A02014 | Soundhar R | CSIR-IGIB, New Delhi | Biological Science | Dr. Souvik Maiti | Understanding the role of novel transcripts in retinal neurome of adult zebrafish | 13.12.2018 | 23.12.2018 |
| 90 | 10CC13A32013 | Parul Chawla | CSIR-NPL, New Delhi | Chemical Science | Dr. Shailesh Narain Sharma | Solution-processed multicomponent chalcopyrite-based semiconductors for low-cost photovoltaics | 18.12.2018 | 25.12.2018 |
| 91 | 10CC14A32015 | Samya Naqvi | CSIR-NPL, New Delhi | Chemical Science | Dr. Rachana Kumar | Novel approach towards the synthesis of acceptor materials for organic photovoltaic applications. | 18.12.2018 | 25.12.2018 |
| 92 | 10CC13J26023 | Bhawana Pandey | CSIR-NCL, Pune | Chemical Science | Dr. Ashootosh V. Ambade | Amphiphilic polypeptides and silk based hybrid biomaterials: Synthesis and stimuli-responsive self-assembly for biomedical applications | 27.11.2018 | 25.12.2018 |
| 93 | 10CC12J39012 | Arindam Mal | CSIR-NIIST, Thiruvananthapuram | Chemical Science | Dr. A. Ajayaghosh | synthesis, Characterization and applications of Ionic covalent organic nanosheets | 11.12.2018 | 27.12.2018 |
| 94 | 10CC13A26018 | Nagane Samadhan Suresh | CSIR-NCL, Pune | Chemical Science | Dr. Prakash P. Wadgaonkar | Aromatic step growth polymers bearing pendant clickable groups: Synthesis, characterization and chemical modifications | 16.11.2018 | 27.12.2018 |
| 95 | 10CC14A26033 | Nayana Nivangune | CSIR-NCL, Pune | Chemical Science | Dr. A.A Kelkar | Catalytic synthesis of dimethyl carbonate and its application as a green reagent for the synthesis of aromatic carbamates | 10.12.2018 | 27.12.2018 |
| 96 | 10CC14A16002 | Anirban Paul | CSIR-CSMCRI, Bhavnagar | Chemical Science | Dr. Divesh N. Srivastava | Design and fabrication of electrochemical sensors for molecular and bio sensing applications using different electroanalytical techniques | 21.12.2018 | 27.12.2018 |
| 97 | 10CC12A11004 | J. Jayamani | CSIR-CLRI, Chennai | Chemical Science | Dr. S. Ganesh | Protein fibrillation and its inhibition by selected molecules | 13.11.2018 | 27.12.2018 |

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| Sl. No. | Registration Number | Name | Institute | Faculty | Advisor | Thesis Title | Date of Viva Voce | Date of Award of Degree |
|---------|---------------------|-------------------------|--------------------------------|---------------------|------------------------|---|-------------------|-------------------------|
| 98 | 10CC11A26004 | Ahire Milind Mukund | CSIR-NCL, Pune | Chemical Science | Dr. Santosh Mhaske | Novel C-C and C-heteroatom bond forming synthetic strategies for the construction of potential scaffolds by NHC-catalysis and difunctionalization of arynes | 07.12.2018 | 27.12.2018 |
| 99 | 10CC12A26024 | Mehare Rupali Shaligram | CSIR-NCL, Pune | Chemical Science | Dr. Manjusha V. Shelke | Heteroatom doped porous carbons as efficient electrode materials for energy storage applications | 07.12.2018 | 27.12.2018 |
| 100 | 10CC15A26021 | Richa Amod Bobade | CSIR-NCL, Pune | Chemical Science | Dr. R. Nandini Devi | Promotion of mid-temperature water gas shift activity of Pt supported catalysts. | 03.12.2018 | 27.12.2018 |
| 101 | 10CC13J19006 | Aditya Prakash | CSIR-IIP, Dehradun | Chemical Science | Dr. Thallada Bhaskar | Valorization of lignin to value added chemicals | 21.12.2018 | 27.12.2018 |
| 102 | 20EE15A32014 | G. Swati | CSIR-NPL, New Delhi | Engineering Science | Dr. D. Haranath | Studies on Primary Color Emitting Photon Energy Storage Phosphors for Dark Vision Display Applications | 17.12.2018 | 23.12.2018 |
| 103 | 10CC13J26006 | Nivedita Patil | CSIR-NCL, Pune | Chemical Science | Dr. M.S.Shashidhar | Chiral myo-inositol derivatives as versatile intermediates for the synthesis of cyclitol derivatives and analogs | 01.11.2018 | 27.12.2018 |
| 104 | 10BB13J39012 | Ramya Krishnan | CSIR-NIIST, Thiruvananthapuram | Biological Science | Dr. N. Ramesh Kumar | Molecular and functional characterization of native novel 1-aminocyclopropane-1-carboxylate (ACC) deaminase containing phyto-beneficial rhizobacteria from coastal saline tolerant pokkali rice varieties of southern India, Kerala | 19.12.2018 | 28.12.2018 |
| 105 | 10CC15J39006 | Jagdeesh K | CSIR-NIIST, Thiruvananthapuram | Chemical Science | Dr. B. S. Sasidhar | Exploration of novel carbon-carbon and carbon-heteroatom bond forming reactions and related chemistry | 21.12.2018 | 28.12.2018 |
| 106 | 10CC13J39004 | Minju Thomas | CSIR-NIIST, Thiruvananthapuram | Chemical Science | Dr. U.S. Hareesh | Zeolitic imidazolate framework-8 (ZIF-8) derived porous materials for functional applications | 20.12.2018 | 28.12.2018 |
| 107 | 10CC13A17007 | Prasenjit Mondal | CSIR-IICB, Kolkata | Chemical Science | Dr. Surajit Ghosh | Designing Platforms and Peptides for Monitoring Microtubule Function and Neuroprotection. | 18.12.2018 | 28.12.2018 |
| 108 | 20EB12A26074 | Kumar Raja Puppala | CSIR-NCL, Pune | Biological Science | Dr. M.S Dharne | Studies on phytase producing yeasts and its application in food and agriculture | 13.12.2018 | 31.12.2018 |
| 109 | 10BB12J22006 | Saurabh Bhatti | CSIR-IITR, Lucknow | Biological Science | Dr. Aruna Satish | Bioaccumulation, trophic transfer, and toxicity of fipronil: studies using Escherichia coli and Caenorhabditis elegans | 20.12.2018 | 31.12.2018 |

Agarwal