



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: November 01, 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 October- 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 October- 2018. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 51 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	10CC13J18010	Rama Krishna Boddu	CSIR-IICT, Hyderabad	Chemical Science	Dr. U. V. Mallavadhani	Synthesis of Orcinol Based Lichen Secondary Metabolites and Evaluation of their Anti-microbial, Anti-inflammatory and Anti-diabetic Potential	10.09.2018	03.10.2018
2	10EB11A26062	Selva Rupa Christinal I	CSIR-NCL, Pune	Biological Science	Dr. Anu Raghunathan	Metabolic Reprogramming of the Cell: Investigating Systemic Signatures and Growth in Cancer	21.09.2018	03.10.2018
3	10CC14A10005	Amreen Ali Siddique	CSIR-CIMAP, Lucknow	Chemical Science	Dr. R. S. Bhakuni	Phytochemical Investigation on Indian Medicinal and Aromatic Plants	29.08.2018	03.10.2018
4	10CC13A05012	Saravanan K R	CSIR-CECRI, Karaikudi	Chemical Science	Dr. N. Kalaiselvi	Ecobioelectrodes and binders for energy storage applications	20.09.2018	03.10.2018
5	10BB12A02015	Avinash Pandreka	CSIR-IGIB, New Delhi	Biological Science	DR. H. V. THULASIRAM	De novo Sequencing and Analysis of Transcriptome from <i>Azadirachta indica</i> to Characterize the Genes Involved in Limonoid Biosynthesis	18.09.2018	04.10.2018
6	10BB12A04009	Chandan Sona	CSIR-CDRI, Lucknow	Biological Science	Dr. Prem N Yadav	Elucidating the role of GPR40 in diabetes associated abnormalities on mood and cognition	27.09.2018	04.10.2018
7	10BB12A25010	Ashish Praveen	CSIR-NBRI, Lucknow	Biological Science	Dr. Nandita Singh	Phytoremediation of arsenic contaminated soil and water for arsenic-safe crop yield	25.09.2018	04.10.2018
8	10CC12A26038	Amit Kumar Yadav	CSIR-NCL, Pune	Chemical Science	Dr. Moneesha Fernandes	Design and Synthesis of Peptidomimetics, Cellular Delivery Systems and Bioconjugates	25.09.2018	04.10.2018
9	10BB14J04003	Durgesh Kumar	CSIR-CDRI, Lucknow	Biological Science	Dr. Anil N. Gaikwad	Holy Grail of Adipose Tissue Insulin Resistance: Immunometabolic Alterations and Potential Therapeutic Interventions	28.09.2018	04.10.2018
10	10CC14A26001	Janampelli Sagar	CSIR-NCL, Pune	Chemical Science	Dr. DARBHA SRINIVAS	Catalytic Deoxygenation of Fatty Acids to Diesel-range Hydrocarbons over Promoted Platinum Catalysts	24.09.2018	04.10.2018
11	10CC11A26001	Rajendra Prasad Meena	CSIR-NCL, Pune	Chemical Science	Dr. K. Selvaraj	Multifunctional hybrid nanomaterials for cancer theranostics	29.08.2017	08.10.2018
12	10PP13A29010	Champoungam Pammei	CSIR-NIO, Goa	Physical Science	Dr. Porthuri Divakar Naidu	Forcing factors of Indian monsoon variability at multidecadal to centennial timescale	24.08.2018	08.10.2018
13	10CC13J18058	Mohd Siddique Mohd Zabeeh	CSIR-IICT, Hyderabad	Chemical Science	Dr. Ch. Raji Reddy	Studies towards the synthesis of substituted furans, furanocembranoid and fused cyclopentenones via alkylne-assisted cyclizations	25.09.2018	08.10.2018
14	10CC13A26009	Suhas Shinde	CSIR-NCL, Pune	Chemical Science	Dr. Chandrashekar V. Rode	Catalytic conversion of renewable carbohydrates and furans into valuable chemicals	05.09.2018	08.10.2018



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15	10BB13J10007	Sandhya Tripathi	CSIR-CIMAP, Lucknow	Biological Science	Dr. (Mrs.) Neelam S. Sangwan	In- depth individual and comparative transcriptome analysis of <i>Withania somnifera</i> (L.) Dunal: Insights into global and specialized metabolism	20.09.2018	09.10.2018
16	10BB12A37009	Aiyatullah Shah	CSIR-IIIM, Jammu	Biological Science	Dr. Kazi Parvaiz Hussan	Isolation and characterization of bioactive metabolites from endophytic fungi of <i>Glycyrrhiza glabra</i>	18.09.2018	09.10.2018
17	10BB11J126119	Arati Deshmukh	CSIR-NCL, Pune	Biological Science	Dr. Mahesh J. Kulkarni	Regulation of glucose uptake in mammalian cells by methylglyoxal(MG)	21.09.2018	09.10.2018
18	10BB12A04007	Meera Kumari	CSIR-CDRI, Lucknow	Biological Science	Dr. Ashish Arora	Structural and functional characterization of the transcriptional regulator RV3488 of <i>Mycobacterium tuberculosis</i> H37Rv	05.10.2018	09.10.2018
19	10PB13A15001	Deepika Bhatnagar	CSIR-CSIO, Chandigarh	Biological Science	Dr. Inderpreet Kaur	Nanomaterials based detection of cardiac troponin I for diagnosing myocardial infarction	24.09.2018	09.10.2018
20	10BB12J25010	Abhinandan Mani Tripathi	CSIR-NBRI, Lucknow	Biological Science	Dr. Sribash Roy	Deciphering the role of miRNAs in natural populations of <i>Arabidopsis thaliana</i> along the altitudinal gradient	03.10.2018	09.10.2018
21	10CC14A18004	Khomane Navnath Bapurao	CSIR-IICT, Hyderabad	Chemical Science	Dr. Haridas B. Rode	Studies towards the synthesis of Angiotensin-converting enzyme inhibitors and N-Methoxy N-(3-Oxocycloalkyl) aryl amides	04.10.2018	09.10.2018
22	10CC14J33007	Maheshwar Singh Thakur	CSIR-IHBT, Palampur	Chemical Science	Sushil K. Maurya	Quinazolinone scaffold synthesis and their organocatalytic application in organic transformations	01.10.2018	09.10.2018
23	10BB15A10005	Sucheta Singh	CSIR-CIMAP, Lucknow	Biological Science	Dr. Sucheta Tripathy	Endophytes modulate terpenoid indole alkaloids (TIAs) biosynthesis in <i>Catharanthus roseus</i>	03.10.2018	23.10.2018
24	10BB16I10009	Swati Srivastava	CSIR-CIMAP, Lucknow	Biological Science	Dr. Rakesh Pandey	Investigating neuromodulatory and antiaging potentials of thymol in <i>Caenorhabditis elegans</i>	28.09.2018	23.10.2018
25	10BB13J26118	Rubina Kazi	CSIR-NCL, Pune	Biological Science	Dr. Mahesh J. Kulkarni	Regulation of aging in yeast by glycation inhibitors	06.09.2018	23.10.2018
26	10BB14A08009	Akshath U S	CSIR-CFTRI, Mysore	Biological Science	Dr. Praveena Bhatt Mudliar	Synthesis of Fluorescent Nanoparticles and their application in biosensing and bioimaging	09.10.2018	23.10.2018
27	10BB13J02010	Neha Goyal	CSIR-IGIB, New Delhi	Biological Science	Dr. Malabika Datta	To Study the Role of Hepatic Long non-coding RNAs in Diabetes	09.10.2018	23.10.2018

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28	10BB12A08007	Raksha Rao K	CSIR-CFTRI, Mysore	Biological Science	Dr. G. Venkateswaran	Studies on non-aflatoxigenic <i>Aspergillus flavus</i> mediated pre-harvest management of aflatoxin contamination in groundnut ( <i>Arachis hypogaea</i> )	09.10.2018	23.10.2018
29	10BB13J22002	Abhishek Kumar Mishra	CSIR-IIITR, Lucknow	Biological Science	Dr. M. P. Singh	Cypermethrin-induced changes on the mitochondrial dynamics and autophagy: effect of melatonin	17.10.2018	23.10.2018
30	10CC12J39006	Sudheesh K. V	CSIR-NIIST, Thiruvananthi	Chemical Science	Dr. A. Ajayaghosh	Luminescent Probes for Organelle Targeted Imaging, Photodynamic Therapy and Theranostic Applications	08.10.2018	23.10.2018
31	32EE12J15010	Raj Kumar Pal	CSIR-CSIO, Chandigarh	Engineering Science	Dr. Vinod Karar	Study of material removal for glass during optical polishing process	03.10.2018	23.10.2018
32	10PP12J29004	Gobardhan Sahoo	CSIR-NIO, Goa	Physical Science	Dr. Lidita Khandeparker	Exogenous and endogenous signals in the settlement of <i>Balanus amphitrite</i>	06.09.2018	23.10.2018
33	10CC15A18012	Owk Ravi	CSIR-IICT, Hyderabad	Chemical Science	Dr. B. Surendar Reddy	Synthesis of pharmacologically important heterocycles via oxidative carbon – carbon bond cleavage	05.10.2018	23.10.2018
34	10CC12J39011	Mohamed Hifudheen B. M	CSIR-NIIST, Thiruvananthi	Chemical Science	Dr. A. Ajayaghosh	Design, synthesis, self-assembly and chiroptical properties of chiral oligo(p-phenyleneethynylene) derivatives	08.10.2018	23.10.2018
35	10CC14J16010	Raj Kumar Tak	CSIR-CSMCRI, Bhavnagar	Chemical Science	Dr. R. I. Kureshy	Development of Chiral Catalyst for various Organic Transformations	10.10.2018	23.10.2018
36	10PP13J29007	Thejasino Suokhrie	CSIR-NIO, Goa	Physical Science	Dr. RAJEEV SARASWAT	Foraminiferal distribution along the continental margin off Krishna-Godavari and Pennar River complex and its paleoclimatic implications	24.08.2018	24.10.2018
37	10BB15A18043	Preethi Pallavi M.C	CSIR-IICT, Hyderabad	Biological Science	Dr. H.M. Sampath Kumar	Immunopharmacological Evaluation of Novel Vaccine Adjuvant Entities for Flaviviral Antigens	22.10.2018	24.10.2018
38	10BB15A18040	Bonam Srinivasa Reddy	CSIR-IICT, Hyderabad	Biological Science	Dr. H M Sampath Kumar	Immunopharmacological Evaluation of Novel Glycopeptides & Glycolipids As Vaccine Adjuvants & Immunomodulators	22.10.2018	24.10.2018
39	10BB14J18079	Vijaya Movva	CSIR-IICT, Hyderabad	Biological Science	Dr Pathipati Usha Rani	Spodoptera litura Feeding Induced Defense Responses of <i>Capsicum annuum</i> (Chilli) Plant	12.10.2018	26.10.2018





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40	10CC11A18006	V Santosh	CSIR-IICT, Hyderabad	Chemical Science	Dr. A. V. SESHU SAINATH	Synthesis and characterization of functionalized MWCNTs based nanocomposites and their role in ultrafiltration membranes and photo-responsive applications	15.10.2018	29.10.2018
41	10CC13A26023	Garima Jaiswal	CSIR-NCL, Pune	Chemical Science	Dr. E. Balaraman	Transition-metal based nanocatalysts for (de)-hydrogenation reactions	01.10.2018	29.10.2018
42	10CC13J26017	Taufeeqaslam Shaikh	CSIR-NCL, Pune	Chemical Science	S. A. R. Mulla	Development of new synthetic methodologies towards Sn- and Cu-catalyzed C-C, C-N, C-O bond formation and sp <sup>3</sup> C-H functionalization	27.09.2018	29.10.2018
43	10CC13J26002	Neeta Karjule	CSIR-NCL, Pune	Chemical Science	J. Nithyanandhan	Heterotriangulene based hemicyanine and squaraine dyes for dye-sensitized solar cells and field effect transistors	01.10.2018	29.10.2018
44	10CC15J05008	R Rajaram	CSIR-CECRI, Karaikudi	Chemical Science	Dr. J. Mathiyarasu	Modified Electrodes as an Electrochemical Sensing platform for the detection of Biomolecules	24.10.2018	29.10.2018
45	10BC13J37001	Shahnawaz Khan	CSIR-IIIM, Jammu	Chemical Science	Dr. Qazi Naveed ahmed	2-Oxo promoted novel reactions of 2-oxoaldehydes and development of amino acid based imidazoles as stem cell modulators	15.10.2018	31.10.2018
46	10CC12A26004	Manik Chandra Sil	CSIR-NCL, Pune	Chemical Science	Dr. Jayaraj Nithyanandhan	Effect and position of molecularly engineered bipropylenedioxythiophene-bridged donor/acceptor dyes in dye-sensitized solar cells (DSSC): Homo and hetero-dimeric di-anchoring organic dyes for panchromatic light absorption with controlled dye aggregation and reduced charge recombination	04.10.2018	31.10.2018
47	10CC13A26027	Punitharasu Vellimalai	CSIR-NCL, Pune	Chemical Science	Dr. J. Nithyanandhan	Unsymmetrical squaraine based NIR-active dyes for dye-sensitized solar cells: Controlling the aggregation and orientation of dyes on the TiO <sub>2</sub> surface.	28.09.2018	31.10.2018
48	10CC12J26018	Hanumanprasad Pandiri	CSIR-NCL, Pune	Chemical Science	Dr. Benuddhar Punji	Syntheses and Catalytic Applications of Pincer-Ligated Nickel, Palladium and Copper Complexes	10.10.2018	31.10.2018
49	10BR13J02013	Vipulkumar Navindchandra Panchal	CSIR-IGIB, New Delhi	Biological Science	Dr. Vivek Rao	Understanding the molecular basis for loss of function of Papa2 in clinical strains of <i>Mycobacterium tuberculosis</i>	25.10.2018	31.10.2018

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50	10BB12A33005	Ajay Kumar	CSIR-IHBT, Palampur	Biological Science	Dr. RAVI SHANKAR	Understanding the Molecular Regulation of Key Metabolic Pathways during Development and Seasonal Variations in Tea ( <i>Camellia sinensis</i> L.): Omics Approach	22.10.2018	31.10.2018
51	10CC11A26035	Mrityunjay Kumar Tiwari	CSIR-NCL, Pune	Chemical Science	Dr. Kumar Vanka	Computational Studies of Noncovalent Interactions in Understanding and Designing New Systems of Biological and Chemical Significance	24.09.2018	31.10.2018

