



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: February 13, 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 January 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 January 2018. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 49 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

S.N.	Name	Registration Number	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
1	Zainab Asad	10BB12A02038	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Chetana Sachidanandan	Functional elucidation and modulation of chd7, the CHARGE syndrome gene, in zebrafish	10.12.2017	01.01.2018
2	Ankita Mangotra	10BB12A37022	CSIR-IIIM, Jammu	Biological Sciences	Dr. Asha Chaubey	Isolation and characterization of endophytes from <i>Grewia asiatica</i> L. for production of bioactive molecules	15.12.2017	01.01.2018
3	Vrijesh Kumar Yadav	10BB11J25023	CSIR-NBRI, Lucknow	Biological Sciences	Dr. Samir V Sawant	Identification And Molecular Characterization Of fiber specific promoters in Cotton	01.12.2017	03.01.2018
4	Vanita Patial	10BB13J33003	CSIR-IHBT, Palampur	Biological Sciences	Dr. Amita Bhattacharya	Micropropagation and over-expression of PkSWRKY transcription factor in <i>Picrorhiza kurroa</i>	15.12.2017	03.01.2018
5	Srabani Mishra	10BB11A36002	CSIR-IMMT, Bhubaneswar	Biological Sciences	Dr. Nilotpala Pradhan	Biodegradation of Dibenzothiophene and its Application for Desulphurization of Coal	19.12.2017	03.01.2018
6	Obulesu OWK	10CC12J18022	CSIR-IICT, Hyderabad	Chemical Sciences	Dr. S. Suresh	Development of Copper Catalyzed and Base mediated Tandem Strategies for the Construction of pyrazole Fused Heterocycles	18.12.2017	04.01.2018
7	Manoj Kumar Gupta	10CC12A22012	CSIR-IITR, Lucknow	Chemical Sciences	Dr. Mohana Krishna Reddy Mudiam	Improved analytical approaches for the quantitative determination of chemical analytes in complex food and biological samples	20.12.2017	04.01.2018
8	Ashish Kumar	10CC12A33009	CSIR-IHBT, Palampur	Chemical Sciences	Dr. Vijai K. Agnihotri	Phytochemical Investigation of <i>Saussurea lappa</i> , <i>Costus speciosus</i> and <i>Jurinea macrocephala</i> from Western Himalaya	26.12.2017	04.01.2018
9	Rahul M. Ongungal	10CC11J39010	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Dr. Suresh Das	Design, Synthesis, Study of the Self-Assembling and Luminescent Properties of Some 1,3,4-Oxadiazole and 2,1,3-Benzooxadiazole Derivatives	27.12.2017	04.01.2018
10	Lakshmykanth T.M	10CC11J39013	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Dr. K. R. Gopidas	Design, Synthesis and Photophysical Studies of Diketopyrrolopyrrole-Based Small Molecules and their Application in Bulk Heterojunction Solar Cell	28.12.2017	04.01.2018
11	R Venkatkarthick	10CC13A05014	CSIR-CECRI, Karaikudi	Chemical Sciences	Dr. S. Ravichandran	Design of titania electrodes for photoelectrochemical and electrochemical water splitting reaction	29.12.2017	05.01.2018
12	Prabhat Ranjan Prem	32EE12A41002	CSIR-SERC, Chennai	Engineering Sciences	Dr. A. Ramachandra Murthy	Performance of Ultra High Performance Concrete Strengthened Reinforced Concrete Members under Flexure	15.12.2017	08.01.2017
13	Vishva Bandhu	10BB12A02042	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Vivek T. Natarajan	Endeavor to understand melanocyte maturation and cutaneous changes during pigmentation and vitiligo pathogenesis	19.12.2017	08.01.2017
14	Shikha	10BB12J33004	CSIR-IHBT, Palampur	Biological Sciences	Dr. Sudesh Kumar	Functional characterisation of drought responsive genes from Horsegram [<i>Macrotyloma uniflorum</i> (Lam.) Verdc.] in transgenic Arabidopsis	06.12.2017	10.01.2018
15	Anita Kumari	10BB12A33008	CSIR-IHBT, Palampur	Biological Sciences	Dr. Sanjay Kumar	Transcriptome analysis and molecular response of <i>Sinopodophyllum hexandrum</i> (Royle) T.S. Ying to environmental cues	03.01.2018	10.01.2018
16	Soumen Das	10CC11J26068	CSIR-NCL, Pune	Chemical Sciences	Dr. Sayam Sen Gupta	Synthesis of Carbohydrate and Phosphate Containing Polypeptides; Their Self-Assembly and Cellular Internalization	22.09.2017	15.01.2018
17	Anantharamaiah P.N.	10CC11A26002	CSIR-NCL, Pune	Chemical Sciences	Dr. P. A. Joy	Studies on the magnetostrictive properties of metal substituted sintered cobalt ferrite Co(Fe, M)2O4 (M = Al, Ga, In, Mg, Mn, Zn)	22.09.2017	15.01.2018

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18	Sharad Parwe	10CC13J26001	CSIR-NCL, Pune	Chemical Sciences	Dr. Baijayantimala Garnaik	Ring opening polymerization of lactide using biocompatible initiator for drug delivery systems	05.10.2017	15.01.2018
19	Jasnamol P.P	10PP12J39016	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	Dr. Manoj Raama Varma	Magnetic, transport and magnetotransport properties of perovskites La ₂ BmO ₆ (B=Fe, Cu, and Cr)	13.12.2017	15.01.2018
20	Prakash Kannaboina	10CC12A37033	CSIR-IIIM, Jammu	Chemical Sciences	Dr. Parthasarathi Das	Studies directed toward the synthesis of functionalized 7-Azaindoles	19.12.2017	15.01.2018
21	Siksha Swaroopa Kar	20EE13A14001	CSIR-CRRI, New Delhi	Engineering Sciences	Dr. Devesh Tiwari	Investigation of Foaming Characteristics of Bituminous Binders and Recycled Mixtures	02.01.2018	15.01.2018
22	Rahul Prajesh	32EE12A06012	CSIR-CEERI, Pilani	Engineering Sciences	Dr. Ajay Agarwal	Design and Development of Micro-Gas Sensor Platform for Ammonia and Carbon monoxide Sensing	08.01.2018	15.01.2018
23	Pooja Bhardwaj	10CC14A35005	CSIR-AMPRI, Bhopal	Chemical Sciences	Dr. Dipti Mishra	Development of advanced phosphatic geopolymeric multi-functional materials	09.01.2018	15.01.2018
24	Philem Pushparani Devi	10BB11J26127	CSIR-NCL, Pune	Biological Sciences	Dr. Dhanasekaran Shanmugam	Structural and Biochemical Investigations of Novel Bacterial Choloylglycine Hydrolases	26.10.2017	17.01.2018
25	Parin Shah	10BB13A26039	CSIR-NCL, Pune	Biological Sciences	Dr. Syed G Dastager	Studies on phytase from <i>Aspergillus niger</i> NCIM 563: Production, downstream processing and application	30.10.2017	17.01.2018
26	Sanjeet Kumar Verma	10BB12J10008	CSIR-CIMAP, Lucknow	Biological Sciences	Dr. Rajesh Kumar Verma	Study of the allelopathic potential of <i>Ocimum</i> species on weeds, agricultural crops and soil properties	27.12.2017	17.01.2018
27	B. Murali Satyanarayana	10BB15A18044	CSIR-IICT, Hyderabad	Biological Sciences	Dr. Janapala Venkateswara Rao	Studies on Plant Mediated Silver Nanoparticles: and their Applications as Anti-Cancer Agents	29.12.2017	17.01.2018
28	Nawab John Dar	10BB12A37004	CSIR-IIIM, Jammu	Biological Sciences	Dr. Muzamil Ahmad	Evaluation of neuroprotective potential of <i>Withania somnifera</i> (L.) Dunal against excitotoxicity	29.12.2017	17.01.2018
29	Shrikant Khake	10CC12J26019	CSIR-NCL, Pune	Chemical Sciences	Dr. Benudhar Punji	Syntheses of Novel Nickel and Palladium Complexes: Catalytic C-H Functionalizations and Mechanistic Studies	17.11.2017	23.01.2018
30	Chaitnya Krsihna Kamaja	10CC11A26013	CSIR-NCL, Pune	Chemical Sciences	Dr. (Mrs.) Manjusha V. Shelke	Synthesis of Nanostructured Metal Sulfides and their Composites for Solar Energy Conversion Applications	22.11.2017	23.01.2018
31	Sujit Sakrar	10CC11A26014	CSIR-NCL, Pune	Chemical Sciences	Dr. Kumar Vanka	Understanding of Self-assembly of Polypeptide-based Molecules and Bolaamphiphile from Atomistic and Mesoscale Simulations	06.12.2017	23.01.2018
32	Satyam Tiwari	10BB12A02047	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Souvik Maiti	Substrate-Chaperone Pairing in E.coli	09.01.2018	23.01.2018
33	Narra Vamsi Krishna	10CC13J18056	CSIR-IICT, Hyderabad	Chemical Sciences	Dr. L. GIRIBABU	Molecular Engineering of Donor- π -Acceptor (D- π -A) Based Porphyrin Sensitizers for Dye Sensitized Solar Cells	11.01.2018	23.01.2018
34	Anugu Raghunath Reddy	10CC12J18002	CSIR-IICT, Hyderabad	Chemical Sciences	Dr. S. Chandrasekhar	Synthetic studies towards bioactives: (+)-Asenapine and (-)-Englerin A	12.01.2018	23.01.2018
35	Nishant Gopalan	10BB12J39016	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Dr. K. Madhavan Nampoothiri	Biorefining of wheat bran for the production of feruloyl esterase, ferulic acid and their applications	17.01.2018	23.01.2018
36	Bomma Yashwanth	10BB15A18038	CSIR-IICT, Hyderabad	Biological Sciences	Dr. Janapala Venkateswara Rao	Effects of Quinalphos (OPI) on Developmental Toxicity and Molecular Responses in Zebrafish (<i>Danio rerio</i>) Embryos	19.01.2018	23.01.2018
37	Mousumi Sen	10PP12A26083	CSIR-NCL, Pune	Physical Sciences	Dr. Pankaj Poddar	Study of Magnetic, Electric and Thermal Properties in Fe ₃ Se ₄ System: Interplay of Spin, Charge and Phonon	18.08.2017	25.01.2018
38	Aruban Khelen Chanu	10PP13J28008	CSIR-NGRI, Hyderabad	Physical Sciences	Prof. C. Manikyamba	Geological, Geochemical, and Isotopic studies on the Precambrian stromatolitic carbonates of Dharwar Craton and Cudappah basin: Implications on biogeochemical processes and paleo-environmental	17.01.2018	25.01.2017

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S.N.	Name	Registration Number	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
39	Anil M Shelke	10CC11J26092	CSIR-NCL, Pune	Chemical Sciences	Dr. GURUNATH SURYAVANSHI	Enantioselective synthesis of bioactive molecules via organocatalysis and methodologies on C-C, C-N bond formations	11.12.2017	30.01.2018
40	Swapna Gade	10CC12A26002	CSIR-NCL, Pune	Chemical Sciences	Dr.A.A.Kelkar	Catalytic transformation of organic carbonate to fine chemicals via benign route	15.12.2017	30.01.2018
41	Mukund Murari Das Pramanik	10CC12A04041	CSIR-CDRI, Lucknow	Chemical Sciences	Dr. Namrata Rastogi	Novel Reactions of Diazo Compounds and Diazonium Salts under Basic and Visible Light Photoredox Catalyzed Conditions	28.12.2017	30.01.2018
42	Rakesh CH	10CC12J18005	CSIR-IICT, Hyderabad	Chemical Sciences	Dr. ROHIT KUMAR RANA	Polyamine-Mediated Assembly of Polyoxometalates: Fabricating Structured Materials for Catalytic and Optical Applications	12.01.2018	30.01.2018
43	Anagha Ashok Gurjar	10BB12A04002	CSIR-CDRI, Lucknow	Biological Sciences	Dr. Sabyasachi Sanyal	Repurposing of FDA-approved drug in Skeletal Muscle Atrophy	10.01.2018	31.01.2018
44	Ankit Saneja	10CC12A37028	CSIR-IIIM, Jammu	Chemical Sciences	Dr. P. N. Gupta	Investigation of drug targeting and combination approaches for improved efficacy of anticancer chemotherapeutics	11.01.2018	31.01.2018
45	Kirtika Kohli	10CC13J19002	CSIR-IIP, Dehradun	Chemical Sciences	Dr. SK Maity	Deactivation study of Residue Hydroprocessing Catalysts	19.01.2018	31.01.2018
46	Tushar Jain	10BB12A04003	CSIR-CDRI, Lucknow	Biological Sciences	Dr. Dibyendu Banerjee	Molecular characterization of Tac 1p, a Zn-finger transcription factor regulating MDR genes in <i>Candida albicans</i> and screening for novel anti-Candida agents	19.01.2018	31.01.2018
47	Nisha Chandran	10BB12A51004	CSIR-IGIB, New Delhi	Biological Sciences	Prof. Samir K. Brahmachari	Affordable Healthcare in India: Social and Economic Impact Analysis	24.01.2018	31.01.2018
48	Nisha N	10CC13J39010	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Dr. Kaustabh Kumar Maiti	Design and Fabrication of SERS Guided Targeted Nanoprobes Towards Cancer Management	25.01.2018	31.01.2018
49	Kaumeel S. Chokshi	10BB14J16017	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Dr. Arup Ghosh	Response of microalgae to abiotic stress for their potential bioproducts	29.01.2018	31.01.2018

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