



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: April 10, 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 March 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 March 2018. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 44 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

Sl. No.	Name	Registration Number	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
1	Sandeep Kumar Mishra	10BB13J04009	CSIR-CDRI, Lucknow	Biological Sciences	Dr. Rakesh Shukla	Effect of Saroglitazar (a dual PPAR agonist) on adult neurogenesis in rat model of dementia: Involvement of Wnt signaling pathway	22.02.2018	05.03.2018
2	Mayuresh Anant Sarangdhar	10BB13J02002	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Beena Pillai	Regulation of Gene Expression in Neurogenesis and Neural Cell Specification	23.02.2018	05.03.2018
3	P. Thangasamy	10CC13A05002	CSIR-CECRI, Karaikudi	Chemical Science	Dr. M. Sathish	Supercritical fluids assisted synthesis of 2D inorganic layered materials and their applications	26.02.2018	13.03.2018
4	Krishna Kanta Ghara	10CC12A16003	CSIR-CSMCRI, Bhavnagar	Chemical Science	Dr. Pushpito Kumar Ghosh	Recovery of Potassium Salts from Sea Bittern and other Potassium Rich Sources	27.02.2018	13.03.2018
5	Bhavana Singh Chauhan	10BB12J04004	CSIR-CDRI, Lucknow	Biological Sciences	Dr. Renu tripathi	Study of malaria parasite/toxin induced pathogenesis & its reversal	28.02.2018	13.03.2018
6	Pawan Kumar	10PP12A32005	CSIR-NPL, New Delhi	Physical Science	Dr. Bipin Kumar Gupta	Investigations on the Synthesis, Characterizations and Photoluminescence Properties of Selective OD-3D Luminescent Materials and their Strategic Applications	03.01.2018	14.03.2018
7	Reyaz Ur Rasool	10BB13J37002	CSIR-IIIM, Jammu	Biological Sciences	Dr. Anindya Goswami	Elucidating the role of 3-Azido-withaferin A in Modulating Cancer Cell Signalling: A Translational Approach	25.01.2018	14.03.2018
8	Pooja Singh	10PP13A32012	CSIR-NPL, New Delhi	Physical Science	Dr. Anjana Dogra	Conduction mechanism and memristive behaviour in ferroelectric and ferromagnetic hetero-junctions	13.02.2018	14.03.2018
9	Jitender Dev G.	10CC12A18059	CSIR-IICT, Hyderabad	Chemical Science	Dr. B. NARSAIAH	Studies on Synthesis of Novel Quinoline Derivatives and their Biological Activity	21.02.2018	14.03.2018
10	Yadagiri Rachuri	10CC13J16002	CSIR-CSMCRI, Bhavnagar	Chemical Science	Dr. E. Suresh	Synthesis, crystal structure and applications of multidimensional coordination polymers	21.02.2018	14.03.2018
11	Akash Yadav	10PP12J32008	CSIR-NPL, New Delhi	Physical Science	Dr. H. K. Singh	Magnetic Phase Coexistence in Manganite Thin Film: Consequences on Magnetotransport	22.02.2018	14.03.2018
12	Animesh Jana	32EE14A09001	CSIR-CGCRI, Kolkata	Engineering Science	Dr. Sourja Ghosh	Studies on ceramic membrane based photobioreactor for CO <sub>2</sub> sequestration using algal biomass	23.02.2018	14.03.2018
13	Sweta Baidya	10PP11A29006	CSIR-NIO, Goa	Physical Science	Dr. Pratima M. Kessarkar	Changes in the relative intensity of Indian monsoon system during the LGM-Holocene climate transition: Reconstruction of the upper water column climatology in the Eastern Arabian Sea utilizing paired measurement of $\delta^{18}O-Mg/Ca$ in planktonic foraminifera	27.02.2018	14.03.2018
14	Sheetal Bandhu	10CB12J19008	CSIR-IIP, Dehradun	Biological Sciences	Dr. Dilip K Adhikari	Genetic Modification of an Oleaginous Microorganism to Enhance Biofuel Production	07.03.2018	14.03.2018
15	Shakeel Abassi	10BB12A26064	CSIR-NCL, Pune	Biological Sciences	Dr. Narendra Kadoo	Molecular and biochemical studies of mevalonate diphosphate decarboxylase from <i>Bacopa monniera</i>	09.11.2017	15.03.2018
16	Ekta Shukla	10BB12A26067	CSIR-NCL, Pune	Biological Sciences	Dr. Dhanasekaran Shanmugam	Structural and functional investigations of selected hydrolases at molecular level	31.01.2018	15.03.2018

Dr. Rakesh Shukla

Sl. No.	Name	Registration Number	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
17	Darshan N	10BB13J08007	CSIR-CFTRI, Mysore	Biological Sciences	Dr. H K Manonmani	Isolation, Purification and Characterization of prodigiosin from <i>Serratia nematodiphila darsh1</i> and its antibacterial, antiproliferative and apoptotic properties	21.02.2018	15.03.2018
18	G. Sampath	10CC11A16006	CSIR-CSMCRI, Bhavnagar	Chemical Science	Dr. Kannan Srinivasan	Development of catalytic reaction systems for the synthesis and separation of furan derivatives from biomass sugars	09.03.2018	15.03.2018
19	Supravat Samanta	10CC12A16007	CSIR-CSMCRI, Bhavnagar	Chemical Science	Dr. Pushpito K. Ghosh	Oxidative C-O Bond Formation Reactions and their Applications towards Heterocycle Synthesis	09.03.2018	15.03.2018
20	Vineeta Panwar	10CC13J19004	CSIR-IIP, Dehradun	Chemical Science	Dr. Siddharth S. Ray	Organic-Inorganic Hybrid Materials as Heterogeneous Catalysts for Organic Transformations	12.03.2018	15.03.2018
21	Subhadarshinee Sahoo	20EE12A26075	CSIR-NCL, Pune	Engineering Science	Dr. Ashish V. Orpe	Dynamics and stability of liquid-liquid thin films and suspensions spreading on a spinning disc	02.02.2018	20.03.2018
22	Zahoor Ahmed Vani	10BB12A37016	CSIR-IIIM, Jammu	Biological Sciences	Dr. Nasheeman Ashraf	Exploring endophytic fungal community associated with <i>Crocus sativus</i> L. and their role in restructuring the apocarotenoid metabolism and stress adaptation	09.02.2018	20.03.2018
23	Rachumallu Ramakrishna	10BB13J04006	CSIR-CDRI, Lucknow	Biological Sciences	Dr. Rabi S Bhatta	Evaluation of preclinical pharmacokinetics and mechanism of action of antihyperlipidemic agent, 16-Dehydropregnenolone	05.03.2018	20.03.2018
24	Samarpana Chakraborty	10BB14A02027	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Anurag Agrawal	Identification of genetic variants in familial asthma	09.03.2018	20.03.2018
25	Sharda Kondawar	10CC11A26042	CSIR-NCL, Pune	Chemical Science	Dr. CHANDRASHEKHAR V. RODE	Environmentally benign catalytic transformation of glycerol to glycerol carbonate	12.03.2018	21.03.2018
26	Sukanya Pandeti	10CC15A04011	CSIR-CDRI, Lucknow	Chemical Science	Dr. T. Narender	Isolation, chemical transformation & synthesis of biological importance natural products and mass spectral analysis	15.03.2018	21.03.2018
27	Pooja Devi	20EE12A15012	CSIR-CSIO, Chandigarh	Engineering Science	Dr. Manoj Nayak	Selective detection of toxic heavy metalloids using carbonaceous nanostructured materials	09.03.2018	23.03.2018
28	Shriniwas Yadav	20EE12A15006	CSIR-CSIO, Chandigarh	Engineering Science	Dr. Inderpreet Kaur	Fabrication of graphene thin film transparent electrodes for nanodevices	12.03.2018	23.03.2018
29	Gayathri T. H.	10CC11A39002	CSIR-NIIST, Thiruvananthapuram	Chemical Science	Dr. S. Ananthakumar	Rare earth based mixed metal oxides for energy applications	20.03.2018	23.03.2018
30	Gaurav Bhattacharjee	20EE13A26053	CSIR-NCL, Pune	Engineering Science	Dr. Rajnish Kumar	Role of Additives in Enhancing the Kinetics of Gas Hydrate Formation and Dissociation: Application in Gas Separation and Storage	29.01.2018	26.03.2018
31	Divya N	10CC11A26006	CSIR-NCL, Pune	Chemical Science	Dr. Suresh K. Bhat	Synthesis and Characterization of Functional Nanomaterials for Gas separation, CO <sub>2</sub> Reduction and Solar Hydrogen Generation	21.02.2018	26.03.2018

*Dept. Registrar*

Sl. No.	Name	Registration Number	Institute	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
32	Sankhyabrata Bandyopadhyay	20EE12A09003	CSIR-CGCRI, Kolkata	Engineering Science	Dr. Somnath Bandyopadhyay	Development of optical fiber grating based sensors with multiple overlay layers for highly sensitive and selective detection of chemical and biological species	09.03.2018	26.03.2018
33	Sachin Kuhire	10CC12A26003	CSIR-NCL, Pune	Chemical Science	Dr. Prakash P. Wadgaonkar	Design and synthesis of step-growth monomers starting from bio-based chemicals and polymers therefrom	19.03.2018	26.03.2018
34	N. V. S. M. Rao Mangina	10CC12A18030	CSIR-IICT, Hyderabad	Chemical Science	Dr. GALLA V. KARUNAKAR	Gold-catalyzed synthesis of Benzo[b]Oxepin-3-Ones, Benzo[b]Oxepin-5-Ones, Benzo[f]Pyrazolo[1,5-d][1,4]Oxazepines and reactivity of Benzynes with substituted Allyl Amines	19.03.2018	26.03.2018
35	Praveen Singh Gehlot	10CC13A16001	CSIR-CSMCRI, Bhavnagar	Chemical Science	Dr. Arvind kumar	Studies on self-assemblies of surface active ionic liquids and their applications	19.03.2018	26.03.2018
36	Umesh Bansode	10CC11A26010	CSIR-NCL, Pune	Chemical Science	Dr. C. V. Rode	Hybrid perovskite thin films grown by solution and dry processing approaches for solar cell and optoelectronic applications	14.02.2018	28.03.2018
37	Venepally Vijayender	10CC13J18004	CSIR-IICT, Hyderabad	Chemical Science	Dr. Ramchandra Reddy Jala	Synthesis and biological evaluation of some hetero cyclic-based lipid derivatives	23.03.2018	28.03.2018
38	A. Ganga Mahesh	10CC13J18038	CSIR-IICT, Hyderabad	Chemical Science	Dr. Sunkara V. Manorama	Designing nanostructured materials for drug delivery and photodynamic therapy in cancer treatment	26.03.2018	28.03.2018
39	Shoib Ahmad Baba	10BB12A37017	CSIR-IIIM, Jammu	Biological Sciences	Dr. Nasheeman Ashraf	Molecular cloning and functional characterization of some important genes of apocarotenoid and flavonoid biosynthetic pathways: An endeavor towards understanding secondary metabolism in <i>Crocus sativus L.</i>	09.02.2018	28.03.2018
40	Manisha Kumari	10BB12A02028	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Manisha Kumari	DESIGN, DEVELOPMENT, AND EVALUATION OF NANOPARTICLE-MEDIATED DRUG DELIVERY SYSTEMS FOR COMBINATORIAL CANCER CHEMOTHERAPY	19.03.2018	28.03.2018
41	Vaibhav Jain	10BB12A02020	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Anurag Agrawal	The Role of Polyamine Homeostasis in Asthma and Chronic Obstructive Pulmonary Disease	19.03.2018	28.03.2018
42	Dipak Kumar	10BB13J22001	CSIR-IITR, Lucknow	Biological Sciences	Dr. A. B. Pant	Human stem cells derived 3D neuronal network: potential applicability to assess the developmental neurotoxicity	21.03.2018	28.03.2018
43	Naveen Parmar	10BB12A04018	CSIR-CDRI, Lucknow	Biological Sciences	Dr. Susanta Kar	Dissecting the role of negative regulators of TLR signaling pathway in pathogenesis of experimental visceral leishmaniasis	21.03.2018	28.03.2018
44	Aniket Bhattacharya	10BB13J02003	CSIR-IGIB, New Delhi	Biological Sciences	Dr. Mitali Mukerji	Investigating the role of Alu RNA as an integrator of signals in stress response	26.03.2018	28.03.2018

*Dr. Aniket Bhattacharya*