



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

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

No. AcSIR/7/10(1)-2020

Dated: February 05, 2020

OFFICE MEMORANDUM

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-2020

It is hereby notified that the Chairman, Senate, 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 2020. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 33 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

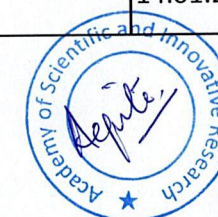
Sl. No.	Registration Number	Name	AcSIR Centre	Faculty	Advisor	Thesis Title	Date of Viva Voce	Date of Award of Degree
1	10BB13A25010	Pradyumna K Singh	CSIR-NBRI, Lucknow	Biological Sciences	R.D. Tripathi	Nitric oxide-mediated genome-wide transcriptional modulation in rice (<i>Oryza Sativa</i> L.) during arsenic stress	03.01.2020	09.01.2020
2	10BB15J26032	Amar Yewar	CSIR-NCL, Pune	Biological Sciences	Dhiman Sarkar	Development of new dormancy model in the Mycobacterium spp. for the novel drug screening program	23.12.2019	09.01.2020
3	10BB15J16013	Balar Nikunj Bharatbhai	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Vaibahv Mantri	Strain improvement of Ulva through conventional breeding	03.01.2020	09.01.2020
4	10BB13A25014	Rashmi Garg	CSIR-NBRI, Lucknow	Biological Sciences	A.P. Sane	Functional characterization of SLERF36 in tomato (<i>Solanum lycopersicum</i>)	03.01.2020	09.01.2020
5	10BB14J02012	Urmila P Gagtap	CSIR-IGIB, New Delhi	Biological Sciences	Chetana Sachidanandan	Developing a framework for dissecting liver regeneration using zebrafish model	02.01.2020	09.01.2020
6	10CC14A05001	Manila O. V.	CSIR-CECRI, Karaikudi	Chemical Sciences	A. Subbiah	Electrochemically engineered tungsten disulfide and phosphorene quantum dots for electrocatalytic applications	23.12.2019	09.01.2020
7	10CC14A05005	Kaleesh Kumar	CSIR-NGRI, Hyderabad	Chemical Sciences	Shailendra Kumar Jha	Modular assembly of Cu- and Ni-based micro- and nanostructures for electrochemical sensing and energy applications	27.12.2019	09.01.2020
8	10CC13J26020	Virat Pandya	CSIR-NCL, Pune	Chemical Sciences	Santosh B. Mhaske	Transition-metal-free access to biologically important scaffolds via novel C-C and C-X bond formations using aryne chemistry	27.12.2019	09.01.2020
9	20EE13A06003	Sriharsha R Koundinya V	CSIR-CEERI, Pilani	Engineering Sciences	Abhijit Karmakar	Optimization and machine learning techniques for audio separation and enhancement	30.12.2019	09.01.2020



10	10BB13A04006	Faiyaz Alam	CSIR-CDRI, Lucknow	Biological Sciences	Ravi Sankar Ampapathi	Conformational studies of linear gramicidin-S analogues, sugar amino acid based linear and cyclic glycopeptide foldamers and structural studies of BRCT domain of MTB DNA ligase by solution NMR spectroscopy	23.12.2019	09.01.2020
11	10BB14J04011	Santosh Kumar Puttrevu	CSIR-CDRI, Lucknow	Biological Sciences	Dr. Rabi S Bhatta	Pharmacokinetic - Pharmacodynamic studies of anti-endotoxin peptide S016-1271 and ADME assessment of a novel anti-leishmanial agents	20.12.2019	09.01.2020
12	10PP13J27007	Akansha Singh	CSIR-NEERI, Nagpur	Physical Sciences	Pawan Kumar Labhasetwar	Occurrence of pharmaceuticals and personal care products in the aquatic environment and toxicity to chlorella vulgaris	12.12.2019	10.01.2020
13	10CC14A16007	Jacky H. Advani	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Ankush V Biradar	Synthesis of chitosan based materials and its catalytic applications	08.01.2020	10.01.2020
14	10CC15J05005	Suresh Balaji	CSIR-CECRI, Karaikudi	Chemical Sciences	M. Sathish	Heteroatom doped reduced graphene oxide for electrochemical supercapacitor applications	07.01.2020	10.01.2020
15	10CC14J16006	Jitkumar Hareshbhai Bhatt	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Kamalesh Prasad	Functionalization of biopolymers in neoteric solvents for targeted applications	30.12.2019	10.01.2020
16	20EE13A31007	Manashi Adhikary	CSIR-NML, Jamshedpur	Engineering Sciences	B. Ravi Kumar	Effect of continuous annealing parameters on properties of dual phase steel	10.01.2020	15.01.2020
17	10BB14A26046	Vishwanathgouda Maralingannavar	CSIR-NCL, Pune	Biological Sciences	Mugdha Gadgil	Probing CHO cell metabolism using adaptation to nutrient limitation: Insights on metabolic trade-offs	08.01.2020	15.01.2020
18	10BB14J02001	Anusha Krishnan	CSIR-IGIB, New Delhi	Biological Sciences	T.N. Vivek	Understanding the role of unfolded protein response during melanogenesis	06.01.2020	15.01.2020
19	20EE14A26054	Krishnaroop Chaudhuri	CSIR-NCL, Pune	Engineering Sciences	Asish Kumar Bhattacharya	Blends of ultra-high molecular weight polyethylene and high-density polyethylene: Dissolution, rheology, and modeling	03.01.2020	15.01.2020
20	32EE15A41006	Steffy	CSIR-SERC,	Engineering Sciences	Dr. Akhila Kumar Sahu	Design and development of open cathode PEMFC stack with self-humidifying membrane	18.12.2019	15.01.2020



21	20EE13A15008	Vandana Gupta	CSIR-CSIO, Chadigarh	Engineering Sciences	Sachin Tyagi	Studies on nano metal organic frameworks based composites for drug delivery applications	16.01.2020	28.01.2020
22	10PP16A32003	Monika Kundu	CSIR-NPL, New Delhi	Physical Sciences	G. Sumana	Electrochemical and optical biosensing studies for detection of adulteration in agricultural produce	21.01.2020	28.01.2020
23	20EE16A32032	Sushant Sharma	CSIR-NPL, New Delhi	Engineering Sciences	Bhanu Pratap Singh	Studies on multiwalled carbon nanotube based high impact resistance multiscale composites	13.01.2020	28.01.2020
24	10CC15J05007	T K Bijoy	CSIR-CECRI, Karaikudi	Chemical Sciences	P. Murugan	First principles modelling of carbon based nanocomposites as lithium ion battery anodes	08.01.2020	28.01.2020
25	10CC15A18026	Kare Nagaraju	CSIR-IICT, Hyderabad	Chemical Sciences	P. Radhakrishna	New synthetic strategies for oxazolines, phthalimides, isoindolinones and studies towards the total synthesis of gliomasolide A	08.01.2020	28.01.2020
26	10CC16A18022	Mopuri Sudhakar Reddy	CSIR-IICT, Hyderabad	Chemical Sciences	P. Radhakrishna	Total synthesis of macrolide natural products penicillinolide A, berkeleylactone F and xylarolide	08.01.2020	28.01.2020
27	10CC15A38003	Susmita Sarmah	CSIR-NEIST, Jorhat	Chemical Sciences	RL Goswamee	Defluoridation of water using adsorbents developed from local resources, safe from post adsorption environmental threats	23.12.2019	28.01.2020
28	10CC14A38006	Maitrayee Saikia	CSIR-NEIST, Jorhat	Chemical Sciences	PJ Saikia	Copolymerization of olefin with butyl methacrylate and their evaluation as composite components	24.12.2019	28.01.2020
29	10BB13A22005	Namrata Mittra	CSIR-IITR, Lucknow	Biological Sciences	Chetna Singh	Effect of developmental exposure to zinc or paraquat on adulthood re-exposure: Relevance to Parkinson's disease	30.12.2019	28.01.2020
30	10BB14J08015	Saroj Yadav	CSIR-CFTRI, Mysuru	Biological Sciences	Jayadeep A	Neuroprotective effects of rice bran in experimental animal model	14.01.2020	29.01.2020



31	10BB14J08007	Gaurav Singh Kaira	CSIR-CFTRI, Mysuru	Biological Sciences	Mukesh Kapoor	Understanding the molecular determinants of thermo-stability and substrate hydrolysis in ManB-1601: A GH26 endo-mannanase	13.01.2020	29.01.2020
32	10BB12A22007	Yogendra Nagar	CSIR-IITR, Lucknow	Biological Sciences	Aruna Satish	Toxicity evaluation of parabens in soil nematode <i>Caenorhabditis elegans</i>	03.01.2020	29.01.2020
33	10BB13J26040	Sucheta Partil	CSIR-NCL, Pune	Biological Sciences	Vidya S. Gupta	Investigation of the molecular response of grapevine to salt stress through transcriptomics and proteomics approaches	21.01.2020	29.01.2020

