

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

Dated: February 05, 2020

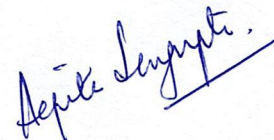
OFFICE MEMORANDUM

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 December-2019

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 December 2019. 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

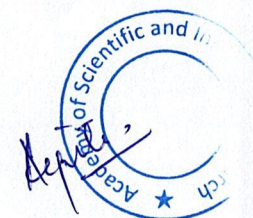


Senior Manager, AcSIR

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

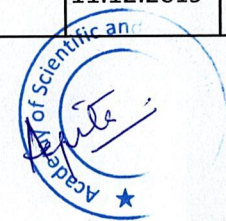
Sl. No.	Registration Number	Name	AcSIR Centre	Faculty	Advisor	Thesis Title	Date of Viva-Voce	Date of Award of Degree
1	20EE14A32026	Arun Barvat	CSIR-NPL, New Delhi	Engineering Sciences	Prabir Pal	Optoelectronics properties of van der waals MoS2 layered materials grown by pulsed laser deposition	22.11.2019	10.12.2019
2	10PP15J32007	Sonia	CSIR-NPL, New Delhi	Physical Science	N. Vijayan	Growth and characterizations of L-arginine based single crystals for non-linear optical applications	22.11.2019	10.12.2019
3	10CC15A26030	Abdul Khayum	CSIR-NCL, Pune	Chemical Sciences	Ulhas K Kharul	The macroscopic architecture of covalent organic frameworks for storage and purification	18.11.2019	10.12.2019
4	10CC14J18020	Gundu Venkateswarlu	CSIR-IICT, Hyderabad	Chemical Sciences	J. Vatsala Rani	Investigation of novel fluorine doped and composite based cathode materials for rechargeable magnesium battery application	27.11.2019	10.12.2019
5	10CC15A18014	Sudhakar Reddy Guvvala	CSIR-IICT, Hyderabad	Chemical Sciences	Debendra K. Mohapatra	Total synthesis and structure elucidation of cryptorigidifoliol K, relgro, 10'-Oxorelgro and lobophopyranone A & B	26.11.2019	10.12.2019
6	10CC14A17013	Arghya Polley	CSIR-IICB, Kolkata	Chemical Sciences	Ranjan Jana	Development of novel and environmentally benign methodologies for the synthesis of medicinal scaffolds	26.11.2019	10.12.2019
7	10CC16J38001	Jitu Saikia	CSIR-NEIST, Jorhat	Chemical Sciences	RL Goswamee	Synthesis and coating of nano particle loaded carbon on ceramic barriers prepared from local resources for treatment of contaminated water	15.11.2019	10.12.2019
8	10CC14J05001	Bosu Babu Dasari	CSIR-CECRI, Karaikudi	Chemical Sciences	K. Ramesha	Developing strategies to improve the performance of Li-S and Li-Se batteries	26.11.2019	10.12.2019



9	10CC15J37024	Atul Kumar	CSIR-IIIM, Jammu	Chemical Sciences	Qazi Naveed Ahmed	α -carbonyl assisted unconventional applications of 2-oxoaldehydes & 2-oxoesters and medicinal chemistry around ciprofloxacin	29.11.2019	10.12.2019
10	10CC14A37016	Sudha Shankar	CSIR-IIIM, Jammu	Chemical Sciences	Rajkishor Rai	Conformational studies of $\alpha\beta/\alpha\gamma$ Hybrid Peptides and biological evaluation of natural product-amino acids/peptide conjugates	28.11.2019	10.12.2019
11	10CC14A17014	K. Chandrashekhar	CSIR-IICB, Kolkata	Chemical Sciences	Biswadip Baerji	Studies towards design, synthesis and biological efficacies of novel heterocycles	03.12.2019	10.12.2019
12	10CC13A26019	Sneha Menon	CSIR-NCL, Pune	Chemical Sciences	Nayana Vaval	Triggers for protein conformational changes and self-assembly probed with fully atomistic computer simulations	03.12.2019	10.12.2019
13	10CC15A39007	Ulaeto Sara Bill	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	T.P.D. Rajan	Development of smart anticorrosion coatings from biomass extracts	03.12.2019	10.12.2019
14	10BB15A04003	Ashish Shrivastava	CSIR-CDRI, Lucknow	Biological Sciences	Amit Misra	Development and evaluation of inhalable particles containing kanamycin monosulphate and pyrazinoic acid for the treatment of drug resistant tuberculosis	28.11.2019	10.12.2019
15	10BB13J25004	Parneeta Mishra	CSIR-NBRI, Lucknow	Biological Sciences	Sribash Roy	Studies on the role of microRNA775 in growth and development of Arabidopsis thaliana	26.11.2019	10.12.2019
16	10BB13A22010	Himanshu Pawankumar Gupta	CSIR-IITR, Lucknow	Biological Sciences	Ravi Ram Kristipati	Drosophila based studies towards understanding the link between xenobiotics exposure and diabetes	29.11.2019	10.12.2019



17	10BB14A37012	Anjna Sharma	CSIR-IIIM, Jammu	Biological Sciences	Gurdarshan Singh	Pharmacokinetics and toxicity profiling of substituted aryl alkenoic acid heterocyclic amides as anti-nociceptive and anti-inflammatory agent	22.11.2019	10.12.2019
18	10BB14J08016	Shilja C	CSIR-CFTRI, Mysuru	Biological Sciences	K. Rajagopal	Antimicrobials and hybrid antimicrobials for food safety	29.11.2019	10.12.2019
19	10BB12A08005	Musunuru Suneel Kumar Reddy	CSIR-CFTRI, Mysuru	Biological Sciences	Uma V. Manjappara	Studies on the combined effect of obestatin and plant nutraceuticals in in vitro and in vivo obesity models	29.11.2019	10.12.2019
20	20EE14A26051	Aakash Sharma	CSIR-NCL, Pune	Engineering Sciences	Guruswamy Kumaraswamy	Relating the properties of cellulose fibers to structure	22.11.2019	10.12.2019
21	10BB15A02026	Punam Jha	CSIR-IGIB, New Delhi	Biological Sciences	Souvik Maiti	Distribution of biochemical parameters associated with cardio-metabolic risks in healthy urban children, adolescents and adults of Indo-European origin	12.12.2019	18.12.2019
22	10BB13A02004	Chitra Latka	CSIR-IGIB, New Delhi	Biological Sciences	Bhupesh Taneja	Understanding the role of serine proteases of Trichophyton rubrum as potential virulence factors	05.12.2019	18.12.2019
23	10CC12A36012	Monojit Das	CSIR-IMMT, Bhubaneswar	Chemical Sciences	S. Das	Design and synthesis of efficient nano-porous organic polymers for gas storage and environmental contaminant removal	12.12.2019	18.12.2019
24	10CC14A17012	Samir Kumar Bhunia	CSIR-IICB, Kolkata	Chemical Sciences	Ranjan Jana	Development of sustainable C-H functionalization and carboxylation reactions	09.12.2019	18.12.2019
25	32EE15A14001	Lincy Varghese	CSIR-CRRI, New Delhi	Engineering Sciences	V.V.L. Kanta Rao	Characterization of high volume siliceous fly ash concrete containing colloidal nanosilica	16.12.2019	18.12.2019
26	10PP13J15001	Siddharth Kaushik	CSIR-CSIO, Chandigarh	Physical Science	Umash K. Tiwari	Study of functionalized optical fiber sensors for bio-sensing applications	11.12.2019	18.12.2019



27	10BB15J18042	Neelam Sharam	CSIR-IICT, Hyderabad	Biological Sciences	Rajesh Chandra	Probing the disease modifying role of DJ-1 in the pathophysiology of Parkinson's disease	11.12.2019	18.12.2019
28	10BB14J18072	Mallappa Sreevidya	CSIR-IICT, Hyderabad	Biological Sciences	Srigiridhar Kotamraju	Understanding doxorubicin-induced drug resistance mechanisms in prostate cancer	04.12.2019	18.12.2019
29	10CC14J36006	Sushanta Kumar Das	CSIR-IMMT, Bhubaneswar	Chemical Sciences	Bikash Kumar Jena	Metal/metal oxides-graphene hybrid nanostructures for fuel cell application	04.12.2019	18.12.2019
30	10PP12A28009	Harika	CSIR-NGRI, Hyderabad	Physical Science	V M Tiwari	Terrestrial water storage variability over Indian sub-continent from space borne observations	21.11.2019	18.12.2019
31	10CC14A16008	Krishnaiah D	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Arvind Kumar	Ionic liquid based colloidal formulations and their applications	06.12.2019	18.12.2019
32	20EE14A39012	Akshay V. R.	CSIR-NIIST, Thiruvananthapuram	Engineering Sciences	M. Vasundhara	Bottom-up nano-engineering of some functional semiconducting materials for thermoelectrics and spintronics applications	02.12.2019	18.12.2019
33	10PP13A39012	Sudakshina B	CSIR-NIIST, Thiruvananthapuram	Physical Science	M. Vasundhara	Studies on structural, magnetic and electrical transport behavior of Nd-based magnetoresistive mixed valent manganites	02.12.2019	18.12.2019
34	10BB13A26042	Sandholu Anandsukeerthi	CSIR-NCL, Pune	Biological Sciences	Kiran Kulkarni	Structural and functional studies on novel oxidoreductases specific to steroids and isoprenoids reduction	06.12.2019	18.12.2019
35	20EE12A41001	A Kanchanadevi	CSIR-SERC, Chennai	Engineering Sciences	K. Ramanjaneyulu	Performance evaluation of seismically deficient and corrosion damaged beam-column sub-assemblages under seismic loading and development of upgradation and retrofit strategies	27.11.2019	18.12.2019



36	10BB13J37011	Sadhana Sharma	CSIR-IIIM, Jammu	Biological Sciences	Zabeer Ahmed	Modulation of P-Glycoprotein activity to overcome chemoresistance in cancer cells	10.12.2019	31.12.2019
37	10CC14A16012	Nripat Singh	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Kamalesh Prasad	Sustainable processing and functionalization of biopolymers using ionic	20.12.2019	31.12.2019
38	10BB13J02027	Renu Kumari	CSIR-IGIB, New Delhi	Biological Sciences	Mitali Mukerji	Delineation of converging molecular mechanisms in cerebellar ataxias: Functional genomics approach for identification of genes linked to ataxic subphenotypes	23.12.2019	31.12.2019
39	10BB14A25004	Rashmi Raj	CSIR-NBRI, Lucknow	Biological Sciences	Puneet S. Chauhan	Characterization of potyvirus isolates infecting <i>Narcissus tazetta</i> and their possible management	18.12.2019	31.12.2019
40	10BB15J38007	Kabita Gagoi	CSIR-NEIST, Jorhat	Biological Sciences	J Kalita	Role of airborne heavy metal pollution in development of chronic obstructive pulmonary disease among the inhabitants of coal mine areas of Assam and Meghalaya	10.12.2019	31.12.2019
41	10CC16J05001	Kanagaraj	CSIR-CECRI, Karaikudi	Chemical Sciences	Velayutham	Synthesis, characterization and electrochemical applications of viologen based supramolecules	04.10.2019	31.12.2019
42	10BB14J08004	Debika Ojha	CSIR-CFTRI, Mysuru	Biological Sciences	K. Neelakanteshwar Patil	Molecular characterization of <i>Listeria monocytogenes</i> RecA, SSB and RecX proteins: Implications in homologous recombination and antibiotic resistance	17.12.2019	31.12.2019
43	32EE14A18003	Reddi Kamesh	CSIR-IICT, Hyderabad	Engineering Sciences	K. Yamuna Rani	Non-linear control strategies based on extended Kalman filter for chemical processes	06.12.2019	31.12.2019
44	10CC13A36016	Swagatika Kamila	CSIR-IMMT, Bhubaneswar	Chemical Sciences	Bikash Kumar Jena	Graphene/pseudocapacitive hybrid materials for electrochemical energy storage application	04.12.2019	31.12.2019



45	10CC15J32015	Abhishek Kumar Pathak	CSIR-NPL, New Delhi	Chemical Sciences	S.R. Dhakate	Carbon fiber reinforced graphene based epoxy polymer nanocomposites for structural applications	23.12.2019	31.12.2019
46	10CC11J18008	Madhu Madasu	CSIR-IICT, Hyderabad	Chemical Sciences	J.S. Yadav	Total synthesis of okaspirodiol, dronedarone, ambrisentan, cis-arbusculone, (+)-pinnatolide and (+)-ipamolactone	24.12.2019	31.12.2019
47	10CC11J18013	Brahma Reddy Byreddy	CSIR-IICT, Hyderabad	Chemical Sciences	J.S. Yadav	Studies towards synthesis of Thailanstatin and novel compounds from Propargyl alcohols	24.12.2019	31.12.2019
48	10CC14J05007	S. Suresh	CSIR-CECRI, Karaikudi	Chemical Sciences	P. Ragupathy	Investigation on the electrode materials and separators for zinc bromine redox flow batteries	18.12.2019	31.12.2019
49	10CC13A10004	Priyanka Maurya	CSIR-CIMAP, Lucknow	Chemical Sciences	Karuna Shanker	Chemical investigation of some medicinal plants of family rubiaceae	26.12.2019	31.12.2019
50	10CC14J26007	Pranab Deb	CSIR-NCL, Pune	Chemical Sciences	Sayan Bagchi	Electrostatics and dynamics in molecular functions: A spectroscopic approach	09.12.2019	31.12.2019
51	10CC13J26018	Shaikh Samir Rashid	CSIR-NCL, Pune	Chemical Sciences	Rajesh G. Gonnade	Investigation of molecular conformation of aromatic sulfonamide and sulfoester derivatives and effect of substituents on π -stacking interactions	19.12.2019	31.12.2019

