

No. AcSIR/7/10(1)-2019

Dated: December 10, 2019

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 September-November- 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 September-November 2019. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 112 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	10BB13A38001	Nilakshi Kakati	CSIR-NEIST, Jorhat	Biological Sciences	D Kalita	Study on pineapple leaf fiber reinforced green composites based on thermoset polymers	07.06.2019	02.09.2019
2	10CC14A26029	Indraweep Chakrabarty	CSIR-NCL, Pune	Chemical Sciences	Nitin T. Patil	Catalytic approaches to biaryls and pyrrole/indole-based heterocycles via metal catalysis, Merged metal/metal and organo/metal catalysis	16.08.2019	02.09.2019
3	10BB11A37006	Gayatri Jamwal	CSIR-IIIM, Jammu	Biological Sciences	Dr. Mohd Jamal Dar	Identification of an allosteric inhibitor binding pocket in IGF1R and a cross-talk between IGF1R and Wnt/beta –catenin signalling pathways	02.08.2019	02.09.2019
4	10CC11J18103	Ravi Kiran Donthi	CSIR-IICT, Hyderabad	Chemical Sciences	Dr. RAJESH CHANDRA	Organocatalyzed tamura and 1,3-dipolar cycloaddition reactions of electron deficient alkenes for spiro cyclic assembly	30.08.2019	11.09.2019
5	10CC13J14002	Manisha Gaur	CSIR-CRRI, New Delhi	Chemical Sciences	Anuradha Shukla	Characterisation and source profiling of volatile organic compounds from road traffic in Delhi	27.08.2019	11.09.2019
6	10CC11J18105	R. Venkatram Reddy. R	CSIR-IICT, Hyderabad	Chemical Sciences	Dr. Rajesh Chandra	Asymmetric organocatalysis: Studies towards enantioselective vinylogous Michael reaction	30.08.2019	11.09.2019
7	20EE14A15021	Swagat Kumar Samantaray	CSIR-CSIO, Chadigarh	Engineering Sciences	Sanjeev Kumar	Analysis of structural dynamics of rail joints based on electromechanical impedance principle	03.09.2019	11.09.2019
8	20EE14A26052	Aniket Thosar	CSIR-NCL, Pune	Engineering Sciences	Chetan Gadgil	PEM fuel cells: Analytical modelling and experimental validation	04.09.2019	11.09.2019



9	10BB13A22009	Rukmani Pandey	CSIR-IITR, Lucknow	Biological Sciences	Sanghamitra Bandyopadhyay	A study on toxic effect of arsenic in hippocampal neurons of adult rats and the neuroprotective role of estrogen	29.08.2019	11.09.2019
10	10BB14A02008	Asmita Ghosh	CSIR-IGIB, New Delhi	Biological Sciences	Kausik Chakraborty	Delineating the role of cellular quality control in deciding the fate of a compromised folder	27.08.2019	11.09.2019
11	10PP14J39013	Anjaly Soman	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	K.N. Narayanan Unni	Optoelectronic properties of fluorescent organic light emitting diodes: Role of device engineering	27.08.2019	11.09.2019
12	20EE14J15007	Vemuri SRS Praveen Kumar	CSIR-CSIO, Chadigarh	Engineering Sciences	Amit L Sharma	Design and development of optical thin film interference filters for visible region	23.08.2019	11.09.2019
13	10BB13A25002	Surjeet Kumar Arya	CSIR-NBRI, Lucknow	Biological Sciences	Praveen C. Verma	Transcriptome based screening of putative RNAi targets for mealybug (<i>Phenacoccus solenopsis</i>) and their functional validation	26.08.2019	11.09.2019
14	10BB16A10001	Gaurav Srivastava	CSIR-CIMAP, Lucknow	Biological Sciences	M.P. Darokar	In silico molecular insight into the structural and functional aspects of drug resistance mechanisms in <i>Mycobacterium tuberculosis</i>	02.09.2019	11.09.2019
15	20EE12A15015	Mukesh Kumar	CSIR-CSIO, Chadigarh	Engineering Sciences	Vinod Karar	Design and fabrication of multilayer reflective notch filter for beam folding applications	30.08.2019	16.09.2019
16	10CC16A26007	Bhausahab Rajput	CSIR-NCL, Pune	Chemical Sciences	Samir H. Chikkali	Isohexide and plant oil based renewable and degradable polymers	06.09.2019	16.09.2019
17	10CC15J26027	Jagannath Rana	CSIR-NCL, Pune	Chemical Sciences	E. Balaraman	Earth-abundant metal catalyzed C-N bond activation of amides and alkylation reactions using alcohols	06.09.2019	16.09.2019

18	10CC14J36002	Alaka Samal	CSIR-IMMT, Bhubaneswar	Chemical Sciences	Dipti P. Das	Visible light responsive applications of metal phosphate based graphene composites towards dye degradation and hydrogen generation	30.08.2019	16.09.2019
19	10CC15J18038	Jonnadula V S Krishna	CSIR-IICT, Hyderabad	Chemical Sciences	L. Giribabu	Donor- π -acceptor system based porphyrin sensitizers for dye sensitized solar cell applications	06.09.2019	16.09.2019
20	10CC14J18026	Venkateshwarlu Kontham	CSIR-IICT, Hyderabad	Chemical Sciences	K.V. Padmaja	Synthesis and tribological evaluation of vegetable oil derived lubricant additives	09.09.2019	16.09.2019
21	10CC14J18060	Suman	CSIR-IICT, Hyderabad	Chemical Sciences	Surya Prakash Singh	Impact of molecular engineering on functional π -conjugated molecules for solution processed organic solar cells	06.09.2019	16.09.2019
22	10CC14A18009	Chavan Lahu Narayan	CSIR-IICT, Hyderabad	Chemical Sciences	S. Chandrasekhar	Synthesis of C28-C35 fragment of eribulin and CO(III)-catalyzed C-H functionalization towards indolizidines	05.09.2019	16.09.2019
23	10PP13J15002	Sarita Devi	CSIR-CSIO, Chadigarh	Physical Sciences	Sachin Tyagi	Studies on amine functionalized nanoparticles for trinitrotoluene detection	30.08.2019	16.09.2019
24	10BB13J37013	Vishal Sharma	CSIR-IIIM, Jammu	Biological Sciences	Sudeep Jaglan	Effect of epigenetic modifiers on secondary metabolite production in endophytic fungi of <i>Datura innoxia</i> mill	09.08.2019	16.09.2019
25	10BB16J10007	Shiwani	CSIR-CIMAP, Lucknow	Biological Sciences	N.S. Sangwan	Understanding of aroma in ocimum species : Insights from molecular, phytochemical and structural studies	09.09.2019	16.09.2019
26	10BB13J02008	Garima Suneja	CSIR-IGIB, New Delhi	Biological Sciences	Rakesh Sharma	Exploring microbial diversity and genetic potential of wastewater drains in Delhi	04.09.2019	16.09.2019

27	20EE12A26076	Jaydeep Deshpande	CSIR-NCL, Pune	Engineering Sciences	Amol Kulkarni	Process design & scale-up of silver nanomaterial synthesis	06.09.2019	17.09.2019
28	10PP13A45002	Jayasankar	CSIR-4PI, Bangalore	Physical Sciences	K. Rajendran	Reliable climate change projections over India through dynamical downscaling using very high-resolution regional climate model	19.08.2019	17.09.2019
29	10PP15J32008	Kaweri Gambhir	CSIR-NPL, New Delhi	Physical Sciences	Ranjana Mehrotra	Enhanced photonic and spectroscopic properties of plasmonic-organic nanohybrids & their metrological aspect	31.07.2019	24.09.2019
30	10PP13J32004	Avirup Sen	CSIR-NPL, New Delhi	Physical Sciences	T.K. Mandal	Chemical composition and source apportionment of ambient atmospheric aerosols over different environments of India and its adjoining oceans	13.09.2019	24.09.2019
31	10PP16A32010	Atish Roy	CSIR-NPL, New Delhi	Physical Sciences	Subhadeep De	Developing experimental setup for trapped ion based optical atomic clock	16.09.2019	24.09.2019
32	10PP14A28003	Priyadarshi Chinmoy Kumar	CSIR-NGRI, Hyderabad	Physical Sciences	Kalachand Sain	A novel approach for enhanced interpretation of 3D seismic data using meta-attributes: Examples from taranaki basin, off New Zealand	13.09.2019	24.09.2019
33	10BB14J18083	Dumana Naresh	CSIR-IICT, Hyderabad	Biological Sciences	Paramjit Grover	<i>In vitro</i> , <i>in vivo</i> and eco-toxicological assessment of nickel oxide nanoparticles	16.09.2019	24.09.2019
34	10CC13A04024	Kemant	CSIR-CDRI, Lucknow	Chemical Sciences	Atul Kumar	Design and synthesis of novel five-membered N-heterocycles as potential anti cancer agents	13.09.2019	24.09.2019
35	10CC13A36017	Debajani Mallick	CSIR-IMMT, Bhubaneswar	Chemical Sciences	Bamaprasad Bag	Design and synthesis of rhodamine derivatives as chemo-sensors for ionic species	19.08.2019	24.09.2019

36	10CC15A05005	G. Kalaiyarasan	CSIR-CECRI, Karaikudi	Chemical Sciences	James Joseph	Synthesis of newer carbon quantum dots for biosensor and biomedical applications	09.09.2019	24.09.2019
37	10BB13A26036	Vijay Rajput	CSIR-NCL, Pune	Biological Sciences	M. Karthikeyan	The comparative structural and functional studies of acid ceramidase and acid ceramidase-like proteins using biophysical and computational techniques	17.09.2019	24.09.2019
38	10BB14J18071	Komal Kushik	CSIR-IICT, Hyderabad	Biological Sciences	Amitava Das	Molecular mechanism of human mesenchymal stem cells plasticity for enhanced neovascularization-mediated wound tissue regeneration	18.09.2019	24.09.2019
39	10BB15A19005	Lavika Jain	CSIR-IIP, Dehradun	Biological Sciences	Deepti Agrawal	Production of fungal cellulases for lignocellulosic biomass hydrolysis	13.09.2019	24.09.2019
40	10BB14A22009	Vivek Kumar Pandey	CSIR-IITR, Lucknow	Biological Sciences	Poonam Kakkar	Redox homeostasis and associated molecular signaling events in ER stress during hyperglycemic hepatotoxicity	11.09.2019	24.09.2019
41	10BB13A26033	Deepanjan Ghosh	CSIR-NCL, Pune	Biological Sciences	V. Koteswara Rao	Structural and biochemical investigation of tat components	11.09.2019	24.09.2019
42	10CC16A04026	Deepika Saini	CSIR-CDRI, Lucknow	Chemical Sciences	Prem Prakash Yadav	Phytochemical investigation of <i>Tinospora cordifolia</i> and <i>Withania coagulans</i> towards isolation of bioactive compounds	23.09.2019	09.10.2019
43	20BE14J08014	Rochak Mittal	CSIR-CFTRI, Mysore	Engineering Sciences	KSMS Raghavarao	Downstream processing of phycobiliproteins from macro-algae, <i>Gelidium pusillum</i>	30.09.2019	09.10.2019
44	20EE15A32015	Amrita Soni	CSIR-NPL, New Delhi	Engineering Sciences	G. Sumana	Nanostructured conducting polymer based biosensor for cancer detection	25.09.2019	09.10.2019

45	20EE15A32013	Ram Datt	CSIR-NPL, New Delhi	Engineering Sciences	Vinay Gupta	Development of organic photovoltaic devices based on novel organic molecules	24.09.2019	09.10.2019
46	10CC14A19001	Hari Singh	CSIR-IIP, Dehradun	Chemical Sciences	Anil Kumar Sinha	Development of novel nanostructured porous nickel catalysts	30.08.2019	09.10.2019
47	10BB16J25002	Sankalp Misra	CSIR-NBRI, Lucknow	Biological Sciences	Puneet Singh Chawhan	Characterization of salt tolerant plant growth promoting rhizobacteria from different agro-climatic zones of Uttar Pradesh	23.09.2019	09.10.2019
48	10BB13A08008	Shamsiya Trichur Khabeer	CSIR-CFTRI, Mysuru	Biological Sciences	Manonmani HK	Obesity and thermogenesis: Molecules from dietary sources that convert white to brown adipose tissue	07.08.2019	09.10.2019
49	20EE13A12007	Debasri Chakraborty	CSIR-CMERI, Durgapur	Engineering Sciences	Dr. Arup Kumar Nandi	Multiobjective based energy management in electric vehicle: Design of an optimal driving strategy using evolutionary algorithms	03.07.2019	09.10.2019
50	10CC15A12007	Suman Chhetri	CSIR-CMERI, Durgapur	Chemical Sciences	Naresh Chandra Murmu	Development of functionalized graphene/epoxy composites for the improvement of mechanical, anti-corrosion and EMI shielding properties	09.09.2019	09.10.2019
51	20EE13A32024	Abhishek Sharma	CSIR-NPL, New Delhi	Engineering Sciences	Jai Prakash Tiwari	Organic solar cells: Fabrication, degradation and theoretical interpretation for futuristic device development	16.09.2019	09.10.2019
52	10PP14A26050	T. Shrikanth Reddy	CSIR-NCL, Pune	Physical Sciences	Arup Kumar Rath	Improving device performance of PbS quantum dot solar cells using inorganic hole transport layers	04.10.2019	12.10.2019
53	10BB15J17006	Abhishek Das	CSIR-IICB, Kolkata	Biological Sciences	Sucheta Tripathy	Setting up benchmark in analyzing genome, transcriptome and interaction data in simple and complex organisms	03.10.2019	12.10.2019

54	10BB15J08005	Indhurathna S	CSIR-CFTRI, Mysore	Biological Sciences	Mnisha Guha	Quality assessment and development of specialty foods from folk medicinal rice cultivars – Kabirajsal and Kalabhadd	01.10.2019	12.10.2019
55	32EE12J12007	Srinivasa Reddy N	CSIR-CMERI, Durgapur	Engineering Sciences	Soumen Sen	Biomimicking piscine fin actuation: Theory and experiments	20.09.2019	12.10.2019
56	10BB13A33002	Dinesh Kumar	CSIR-IHBT, Palampur	Biological Sciences	Amit Chawla	Functional ecology of high altitude vegetation of Western Himalaya	27.09.2019	12.10.2019
57	32EE14A41008	Ramendra Pandey	CSIR-SERC, Chennai	Engineering Sciences	Ulhas K. Kharul	Studies on humidification of PEM fuel cells	30.09.2019	12.10.2019
58	20EE14A32022	Ajit Singh Ahlawat	CSIR-NPL, New Delhi	Engineering Sciences	Sumit Kumar Mishra	Development of light weight optical counter, gas measurement system and study of physical properties of atmosphere & aerosols	04.10.2019	12.10.2019
59	32EE12J15005	Naga Vara Aparna Akula	CSIR-CSIO, Chandigarh	Engineering Sciences	H.K. Sardana	Spatiotemporal moving target detection and recognition in infrared imagery	01.10.2019	12.10.2019
60	10BB13J26036	Rahul Mawlankar	CSIR-NCL, Pune	Biological Sciences	Syed G. Dastager	Polyphasic systematics of marine bacteria and their alpha-glucosidase inhibitor activity	04.10.2019	15.10.2019
61	10BB15A18046	Omprakash Sarkar	CSIR-IICT, Hyderabad	Biological Sciences	S. Venkata Mohan	Acidogenic biorefinery for renewable energy and platform chemicals: Upscaling and sustainability analysis	14.10.2019	16.10.2019
62	10BB16A04012	Salil Varshney	CSIR-CDRI, Lucknow	Biological Sciences	Anil N Gaikwad	Adipocyte biology and insulin resistance: Ameliorating metabolic homeostasis using novel dietary lipids and natural product inspired molecules	14.10.2019	16.10.2019

63	10CC16A18002	Ashok K	CSIR-IICT, Hyderabad	Chemical Sciences	A. Krishnaiah	Synthesis of furan, pyrazolo[3,4-b]pyridine and quinoline fused imidazo[1,2-a]pyridine heterocycles of biological interest	11.10.2019	21.10.2019
64	10CC16J26008	Shridhar Thorat	CSIR-NCL, Pune	Chemical Sciences	R.G. Gonnade	Investigations on polymorphs, cocrystals/salts of active pharmaceutical ingredients for physicochemical property enhancement	03.10.2019	21.10.2019
65	10BB13A18040	Balabhaskarrao. K	CSIR-IICT, Hyderabad	Biological Sciences	Nishant Jain	The molecular mechanisms of mutant isocitrate dehydrogenase 1 regulation in cancer	15.10.2019	21.10.2019
66	10BB14J22002	Chetan Singh Rajpurohit	CSIR-IITR, Lucknow	Biological Sciences	Aditya Bhushan Pant	Application of human iPSCs in deciphering the molecular insights of amyotrophic lateral sclerosis and its association with early developmental stage	01.10.2019	21.10.2019
67	20EE15A12003	Nitai Chandra	CSIR-CMERI, Durgapur	Engineering Sciences	Pranab Samanta	Development and characterization of carbon fiber reinforced epoxy composite by incorporating surface modified graphene	03.10.2019	21.10.2019
68	10CC14J39003	Jamsheena	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	L. Ravishankar	Design, synthesis and application of 1,2-dihydropyridines, dibenzoxazepines and diindolylmethanes	27.09.2019	21.10.2019
69	10CC14A26005	Subrata Mukherjee	CSIR-NCL, Pune	Chemical Sciences	Udayakiran Marelli	N-Heterocyclic carbene-catalyzed selective synthesis of functionalized lactones and related chemistry	27.09.2019	21.10.2019
70	10CC15J12002	Suprakash Samanta	CSIR-CMERI, Durgapur	Chemical Sciences	Rashmi Ranjan Sahoo	Functionalized graphene oxide and h-BN nanolubricant particles for efficient lubrication of dry and lubricated sliding contact	30.09.2019	21.10.2019
71	10CC12A37030	Abhinandan Dilipkumar Hudwekar	CSIR-IIIM, Jammu	Chemical Sciences	Sanghapal D. Sawant	Discovery of PDE4 and PDE5 inhibitors and development of new synthetic methods	25.09.2019	21.10.2019



72	10BB15J37001	Jasvinder Singh	CSIR-IIIM, Jammu	Biological Sciences	Shashank Singh	Development and evaluation of rational chemo-immuno combination of natural product(s) as cancer therapeutics	11.10.2019	21.10.2019
73	20EE14A32021	Richa Baronia	CSIR-NPL, New Delhi	Engineering Sciences	Surinder P. Singh	Development of graphene supported metal-based anode catalysts for fuel cell applications	18.10.2019	22.10.2019
74	10BB13J02014	Shivangi Khanna	CSIR-IGIB, New Delhi	Biological Sciences	Vivek Natarajan	Understanding DNA damage response in maintaining melanocyte homeostasis	24.10.2019	25.10.2019
75	10BB14J02006	Ayyappa Raja	CSIR-IGIB, New Delhi	Biological Sciences	Vivek T Natarajan	Role of a histone variant in melanocyte transitions	24.10.2019	25.10.2019
76	10BB15A08004	Pooja Acharya	CSIR-CFTRI, Mysuru	Biological Sciences	Ramaprasad TR	Defining the roles of dietary omega-3 fatty acids in the regulation of bile acid metabolism and transport in rat model of dyslipidemia and hyperglycemia	23.10.2019	25.10.2019
77	10BB14A08023	Kalaivani	CSIR-CFTRI, Mysuru	Biological Sciences	M.V.R.L. Sarma	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for overproduction of squalene	23.10.2019	25.10.2019
78	20EE14A32029	Neha Aggarwal	CSIR-NPL, New Delhi	Engineering Sciences	Govind	Design & fabrication of GaN and AlGaIn heterostructures based efficient optoelectronic devices	23.10.2019	25.10.2019
79	32EE12J06001	Aditi	CSIR-CEERI, Pilani	Engineering Sciences	Ram Gopal	Design and fabrication of MEMS magnetometer	23.10.2019	25.10.2019
80	10PP14A32010	Amit Kumar Gangwar	CSIR-NPL, New Delhi	Physical Sciences	Bipin Kumar Gupta	Synthesis of luminescent materials for security ink applications	21.10.2019	25.10.2019

81	10CC13A26005	Nilesh Mote	CSIR-NCL, Pune	Chemical Sciences	Samir H. Chikkali	Classical bidentate versus supramolecular ligands in ethylene polymerization	11.10.2019	29.10.2019
82	10CC14J18021	Battu Harish	CSIR-IICT, Hyderabad	Chemical Sciences	S. Suresh	Development of N-Heterocyclic carbene (NHC) catalyzed and base mediated novel strategies for the construction of biologically valuable benzo-fused heterocyclic derivatives	21.10.2019	29.10.2019
83	10CC14J39017	Jerin K. Pancrecious	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	T.P.D. Rajan	Synthesis and characterization of multifunctional metallic and polymer composite coatings on light alloys	15.10.2019	29.10.2019
84	32EE12A06014	Sushil Kumar Shukla	CSIR-CEERI, Pilani	Engineering Sciences	Ranjan Kr. Barik	Study and development of nano-scandate cathode (NSC) for THz devices	21.10.2019	30.10.2019
85	10CC17J18038	V. Ganga Reddy	CSIR-IICT, Hyderabad	Chemical Sciences	P. Srihari	Design and synthesis of new pyrazoles, N-Methylpicolinamides and podophyllotoxin congeners as potential anticancer agents	23.10.2019	31.10.2019
86	10BB12A10001	Nida Qamar	CSIR-CIMAP, Lucknow	Biological Sciences	Ajit K. Shasany	Understanding monoterpenes channeling in Mentha species	30.10.2019	31.10.2019
87	10BB13J26038	Deepika Somani	CSIR-NCL, Pune	Biological Sciences	Narendra Kadoo	Exploring wheat- <i>Bipolaris sorokiniana</i> interaction during spot blotch disease	25.10.2019	1.11.2019
88	10BB15J37007	Amrinder Singh	CSIR-IIIM, Jammu	Biological Sciences	Gurdarshan Singh	Therapeutic potential and mechanistic elucidation of "Rohitukine—an active constituent" of <i>Dysoxylum binectiferum</i> for alleviating inflammatory/arthritis disorder	30.10.2019	01.11.2019
89	10CC15A12006	Sharath Kumar	CSIR-CMERI, Durgapur	Chemical Sciences	Naresh Chandra Murma	Development of graphene based electrochemical sensor material for detection of hydrogen peroxide (H ₂ O ₂)	30.10.2019	05.11.2019

90	10CC17J18031	Irfan Khan	CSIR-IICT, Hyderabad	Chemical Sciences	C. Ganesh Kumar	Design and synthesis of 1,4-dihydro-indenopyrazole, Pyrazole and Propenone conjugates and their biological evaluation as potential anticancer and antimicrobial agents	24.10.2019	05.11.2019
91	20EE13A12004	Santanu Dey	CSIR-CMERI, Durgapur	Engineering Sciences	Dipankar Chatterjee	Experimental and numerical studies on shock tube flows and its interaction with objects	24.10.2019	05.11.2019
92	10CB12A18056	Achana Panyala	CSIR-IICT, Hyderabad	Biological Sciences	Paramjit Grover	Comparative toxicological assessment of Yttrium oxide nano and micro particles: An in vitro and in vivo study	30.10.2019	07.11.2019
93	10BB15A02029	Shagun Poddar	CSIR-IGIB, New Delhi	Biological Sciences	Malabika Datta	Role of epigenetically regulated miRNAs in skeletal muscle during diabetes	01.11.2019	07.11.2019
94	10CC16J18014	Tumula Nagaraju	CSIR-IICT, Hyderabad	Chemical Sciences	P. Radhakrishna	Metal-Free oxidative strategies for the construction of heterocyclic compounds: Synthesis of 1,2,4-Thiadiazoles, 2-Aminobenzo[d]thiazoles and 1,2,4-triazolo[1,5-	01.11.2019	18.11.2019
95	10CC15J37021	Nazar Hussain	CSIR-IIIM, Jammu	Chemical Sciences	Debaraj Mukherjee	Development of new methods for C-C bond formation in sugar enol-ethers: Applications in the synthesis of chiral aromatic building blocks	05.11.2019	18.11.2019
96	10BC14A26038	Amit Kumawat	CSIR-NCL, Pune	Chemical Sciences	Kumar Vanka	Molecular thermodynamic view of biomolecular signalling: Allostery and protein-protein interactions	06.11.2019	18.11.2019
97	10BB14A37015	Shilpa Gupta	CSIR-IIIM, Jammu	Biological Sciences	Zabeer Ahmed	Anti-inflammatory & anti-arthritic studies of Boswellic acid analogues in combination with DMARDs	05.11.2019	18.11.2019

98	10BB14J33001	Ganesh Prabhakarrao Panzade	CSIR-IHBT, Palampur	Biological Sciences	Ravi Shankar	High-throughput data handling, management and analysis in genomics studies	01.11.2019	18.11.2019
99	32EE15A01004	Mahesh Sharma	CSIR-CBRI, Roorkee	Engineering Sciences	S. Sarkar	Pullout behaviour of conventional and helical soil nails in cohesionless soils	09.11.2019	26.11.2019
100	10PP12A39017	Aiswarya R.	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	K.P. Surendran	Functional material inks for printed electronics	18.11.2019	26.11.2019
101	10BB13A25003	Garima Pathak	CSIR-NBRI, Lucknow	Biological Sciences	Vidhu A. Sane	Identification and characterisation of aroma related genes in mango (<i>Mangifera indica</i> L.)	18.11.2019	26.11.2019
102	10CC16J37010	Showkat Rashid	CSIR-IIIM, Jammu	Chemical Sciences	Bilal A. Bhat	Total synthesis of bioactive natural products and molecules of human imagination	11.11.2019	26.11.2019
103	10CC13A26016	Pralhad Burute	CSIR-NCL, Pune	Chemical Sciences	Burate Pralhad Arjun	Carbon-carbon bond forming reactions using organocatalysts	15.11.2019	26.11.2019
104	10CC13J26004	Satej Deshmukh	CSIR-NCL, Pune	Chemical Sciences	Samir Chikkali	Synthesis of imine, phosphinite ligands and applications in catalysis	14.11.2019	26.11.2019
105	10CC14A26015	Manjur Akram	CSIR-NCL, Pune	Chemical Sciences	Manjur Oyasim Akram	Cross-coupling reactions via gold and merged gold/photoredox catalysis	13.11.2019	26.11.2019
106	10CC14J26016	Vidya Gunjal	CSIR-NCL, Pune	Chemical Sciences	Srinivasa Reddy	Studies toward bio-active macrocyclic peptides: Teixobactin, pseudoxylallemycin B, arthroamide and fusaristatin C.	11.11.2019	26.11.2019

107	10CC13A17006	Shovan Kumar Sen	CSIR-IICB, Kolkata	Chemical Sciences	Ramalingam Natarajan	Metal-organic cages and coordination polymers from Bile acids	04.11.2019	26.11.2019
108	10BB13A02005	Chitra Rawat	CSIR-IGIB, New Delhi	Biological Sciences	Ritushree Kukreti	Blood genomic expression signatures and key pathways determining valproate efficacy in patients with epilepsy	06.11.2019	26.11.2019
109	10BB14A16023	Mitali Dabi	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Pradeep Kumar Agarwal	Study of WRKY transcription factor from biofuel crop Jatropha curcas towards stress tolerance	11.11.2019	26.11.2019
110	10BB13A02018	Ujjwal Rajan	CSIR-IGIB, New Delhi	Biological Sciences	Munia Ganguli	Role of cellular retention of nanoparticles and nanocomplexes in biological applications	08.11.2019	26.11.2019
111	20EE15J18040	Kranti Kuruti	CSIR-IICT, Hyderabad	Engineering Sciences	A. Gangagni Rao	High rate anaerobic digestion of organic substrates for optimized generation of value added products	08.11.2019	26.11.2019
112	20EE13J12004	Phani Kumar Mallisetty	CSIR-CMERI, Durgapur	Engineering Sciences	Naresh Chandra Murmu	Investigation of externally pressurized multilayer porous journal bearings	07.11.2019	26.11.2019