

**List of AcSIR Ph.D. students awarded their Ph.D. degree during the period January 1, 2019 to December 31, 2019**

S. No	Registration Number	Name	Institute	Faculty	Advisor	Thesis Title	Date of Award of Degree
1	10MM12J45001	Shaktidhar Nahak	CSIR-4PI, Bangalore	MIS	P Goswami	Evaluation of a model configuration for regional rainfall studies over India	19.08.2019
2	10PP13A45002	Jayasankar	CSIR-4PI, Bangalore	PS	K. Rajendran	Reliable climate change projections over India through dynamical downscaling using very high-resolution regional climate model	17.09.2019
3	20EE14J35003	Shyam Birla	CSIR-AMPRI, Bhopal	ES	Dr. D.P Mondal	Aluminium cenosphere hybrid foam through stir casting technique	21.01.2019
4	20EE14A35001	Shahadat Hussain	CSIR-AMPRI, Bhopal	ES	Rupa Dasgupta	Effect of alloying, grain refiners and processing on properties and shape memory behaviours of Cu-Al-Ni based alloys for high temperature applications	16.07.2019
5	20EE14J35005	Vikas Shrivastava	CSIR-AMPRI, Bhopal	ES	I B Singh	Synthesis and characterization of nanoalumina reinforced aluminium metal matrix composites (AMMCs)	19.08.2019
6	10CC15A35010	Swati Dubey	CSIR-AMPRI, Bhopal	CS	I.B. Singh	Synthesis of nanoparticles of gamma alumina and their application in defluoridation of drinking water	29.08.2019
7	32EE15A01004	Mahesh Sharma	CSIR-CBRI, Roorkee	ES	S. Sarkar	Pullout behaviour of conventional and helical soil nails in cohesionless soils	26.11.2019
8	10BB13J03001	Parna Shah	CSIR-CCMB, Hyderabad	BS	Dr. Rakesh Kumar Mishra / Dr. Shrish	Genome organization and chromatin landscape in regulating gene expression	11.02.2019
9	10BB11A03001	Manish K Johri	CSIR-CCMB, Hyderabad	BS	Krishnan H. Harshan	Role of mechanistic target of rapamycin (mTOR) pathway in Hepatitis C virus (HCV) infection	25.03.2019
10	10BB16A04007	Jyotsna Pandey	CSIR-CDRI, Lucknow	BS	Dr. Akhilesh Tamrakar	Identification and evaluation of phytoestrogens for the management of peripheral insulin resistance	03.01.2019

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11	10BB13A04003	Bhanu Priya Awasthi	CSIR-CDRI, Lucknow	BS	Kalyan Mitra	Evaluation of anti-leishmanial activity and understanding the mechanism of action of promising leishmanicidal agents	25.03.2019
12	10BB12A04008	Preeti Maurya	CSIR-CDRI, Lucknow	BS	Manoj K Barthwal	Role of interleukin-1 receptor associated Kinase in vascular smooth muscle cell function and vascular remodeling	06.04.2019
13	10CC13A04022	Ashish Kumar Gupta	CSIR-CDRI, Lucknow	CS	Kishor Mohanan	Novel strategies for the synthesis of spiro heterocycles employing $\alpha$ -diazo- $\beta$ -ketophosphonate	06.04.2019
14	10BB14J04004	Gitu Pandey	CSIR-CDRI, Lucknow	BS	Prabhat Ranjan Mishra	Surface engineered smart nanocarriers bearing docetaxel for improved chemotherapy against cancer	10.04.2019
15	10BB16A04016	Soobiya Fatima	CSIR-CDRI, Lucknow	BS	Dr. Aamir Nazir	Studies on Molecules of Protein Tyrosine Phosphatase family and their association with Neurodegenerative diseases employing <i>Caenorhabditis elegans</i>	10.04.2019
16	10BB14J04007	Naresh Mittapelly	CSIR-CDRI, Lucknow	BS	Dr. Prabhat Ranjan Mishra	Delivery of Mimantine and Donepezil using novel Drug delivery system for the better management of Alzheimer's Disease	10.04.2019
17	10BB13A04017	Ravindra Kumar Yadav	CSIR-CDRI, Lucknow	BS	P K Shukla	Generation and characterization of monoclonal antibodies against cell surface proteins of <i>Aspergillus fumigatus</i> for diagnostic and therapeutic use	29.04.2019
18	10BB12A04032	Pandya Sanketkumar Mahendrakumar	CSIR-CDRI, Lucknow	BS	Amit Misra	Novel delivery systems containing glucagon-like peptide-1 (GLP-1) fragment for management of type 2 diabetes mellitus	21.05.2019
19	10BB14J04012	Tulasankar Sachin Laxman	CSIR-CDRI, Lucknow	BS	Rabi S Bhatta	Preclinical ADME, Human pharmacokinetic prediction and PK-PD studies of 4655K-09: A novel HMGCOA reductase inhibitor	21.05.2019
20	10BB16A04022	Vinay Shukla	CSIR-CDRI, Lucknow	BS	Anila Dwivedi	Role of microtubule polymerization and related protein TPPP3 in embryo implantation	03.06.2019
21	10BB13A04007	Jyoti Bala Kaushal	CSIR-CDRI, Lucknow	BS	Anila Dwivedi	Investigation of the molecular and signalling mechanism implicated in pathogenesis of endometrial dysfunction(s)	03.06.2019

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22	10CC13A04023	Atul Kumar Chaturvedi	CSIR-CDRI, Lucknow	CS	Namrata Rastogi	Novel annulation reaction for the synthesis of carbocyclic/heterocyclic scaffolds	11.06.2019
23	10BB16A04008	Kavita Rawat	CSIR-CDRI, Lucknow	BS	Raj Kamal Tripathi	Elucidation of host-directed anti-mycobacterial potential of $\beta$ -casein derived peptide and BTF3a in Macrophages	23.07.2019
24	10BB12A04015	Akansha Pandey	CSIR-CDRI, Lucknow	BS	Dr. Vineeta Tripathi	Metabolites and Transcripts profiling of Calotropis procera for Elucidation of Cardiac Glycoside Biosynthetic Pathway	29.07.2019
25	10BB13A04013	Pragya Chandrakar	CSIR-CDRI, Lucknow	BS	Susanta Kar	Decoding the mechanism of intracellular signalling between immune cells and the role of regulatory elements in modulating cellular crosstalk during	31.07.2019
26	10BB16A04009	Mohammad Hasanain	CSIR-CDRI, Lucknow	BS	Jayanta Sarkar	Determining the molecular mechanism of cell death in response to disruption of microtubule dynamics	19.08.2019
27	10CC16A04028	Geeta Karki	CSIR-CDRI, Lucknow	CS	Pintu Kumar Mandal	Synthesis of oligosaccharides related to bacterial cell wall polysaccharides, Steroidal glycosides and blood group antigens	29.08.2019
28	10CC13A04024	Kemant	CSIR-CDRI, Lucknow	CS	Atul Kumar	Design and synthesis of novel five-membered N-heterocycles as potential anti cancer agents	24.09.2019
29	10CC16A04026	Deepika Saini	CSIR-CDRI, Lucknow	CS	Prem Prakash Yadav	Phytochemical investigation of Tinospora cordifolia and Withania coagulans towards isolation of bioactive compounds	09.10.2019
30	10BB16A04012	Salil Varshney	CSIR-CDRI, Lucknow	BS	Anil N Gaikwad	Adipocyte biology and insulin resistance: Ameliorating metabolic homeostasis using novel dietary lipids and natural product inspired molecules	16.10.2019
31	10BB15A04003	Ashish Shrivastava	CSIR-CDRI, Lucknow	BS	Amit Misra	Development and evaluation of inhalable particles containing kanamycin monosulphate and pyrazinoic acid for the treatment of drug resistant tuberculosis	10.12.2019
32	10CC12A05003	C. P. Laisa	CSIR-CECRI, Karaikudi	CS	K. Ramesha	Novel lithium-rich layered cathode materials for rechargeable lithium-ion batteries	07.01.2019

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33	10CC12A05012	Mohammed Azeezulla	CSIR-CECRI, Karaikudi	PS	Sailaja Krishnamurthy	Discerning structure-property correlation towards the activation of small molecules	31.01.2019
34	10PP14J05013	Subramani K.	CSIR-CECRI, Karaikudi	PS	M. Sathish	Reduced graphene oxide-based nanocomposites and bio-derived carbon for supercapacitor applications	31.01.2019
35	10BB14A05008	S Manikandan	CSIR-CECRI, Karaikudi	BS	S. Maruthamuthu	Electrochemical and biological processes for removal of pollutants from textile effluent	11.03.2019
36	10CP13A05007	S Jayashree	CSIR-CECRI, Karaikudi	PS	Dr. S. Ravichandran	Defect-driven electrochemical and photo-electrochemical water splitting behavior of nanocrystalline TiO <sub>2</sub> -X	27.03.2019
37	10CC13A05004	C Anitha	CSIR-CECRI, Karaikudi	CS	Sundar Mayavan	Fluorine free superhydrophobic surfaces	06.04.2019
38	10CC13A05001	Aswathy R	CSIR-CECRI, Karaikudi	CS	P. Ragupthy	Studies on electrode materials for lithium-sulfur batteries and supercapacitors	22.04.2019
39	10CC13A05005	Avanish Shukla	CSIR-CECRI, Karaikudi	CS	Dr. Vijayamohan an K. Pillai	Development of nanocomposite membranes for polymer electrolyte fuel cells	02.05.2019
40	10CC13J05002	PANDIA RAJATHI M	CSIR-CECRI, Karaikudi	CS	Dr. Sheela Berchmans	Electrocatalysis of Nanostructured Metal Catalysts on Carbon/Polymer Supports for Methanol/ DNA Bases Oxidation and Oxygen Reduction	15.05.2019
41	10CC14J05003	K. Guruprakash	CSIR-CECRI, Karaikudi	CS	Dr. A.S. Prakash	Development of Efficient Oxygen Electrocatalysts and Eelectrolytes for Li-O <sub>2</sub> Batteries	11.06.2019
42	10CC14J05011	Tanmay Sarkar	CSIR-CECRI, Karaikudi	CS	A.S. Prakash	Electrochemical properties of Li-rich phases: DFT and experimental	26.06.2019
43	10PE14A05007	Anusha Thampi V	CSIR-CECRI, Karaikudi	ES	Dr. B. Subramanian	Investigations on Bioactivity of Metallic Biomaterials by Surface Engineering	29.07.2019

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44	10PP15J05009	S. Thanka Rajan	CSIR-CECRI, Karaikudi	PS	B. Subramanian	Fabrication and study of thin film metallic glasses (TFMG) for bioimplant applications	19.08.2019
45	10CC15A05005	G. Kalaiyarasan	CSIR-CECRI, Karaikudi	CS	James Joseph	Synthesis of newer carbon quantum dots for biosensor and biomedical applications	24.09.2019
46	10CC14J05001	Bosu Babu Dasari	CSIR-CECRI, Karaikudi	CS	K. Ramesha	Developing strategies to improve the performance of Li-S and Li-Se batteries	10.12.2019
47	10CC16J05001	Kanagaraj	CSIR-CECRI, Karaikudi	CS	Velayutham	Synthesis, characterization and electrochemical applications of viologen based supramolecules	31.12.2019
48	10CC14J05007	S. Suresh	CSIR-CECRI, Karaikudi	CS	P. Ragupathy	Investigation on the electrode materials and separators for zinc bromine redox flow batteries	31.12.2019
49	32EE14A06007	Amit Kumar Goyal	CSIR-CEERI, Pilani	ES	Suchandan Pal	Design analysis and development of photonic crystal based structures for sensing applications	04.02.2019
50	20EE13A06006	Pankaj B Agarwal	CSIR-CEERI, Pilani	ES	Ajay Agarwal	Development of single-walled carbon nanotubes based sensing platform	10.04.2019
51	32EE12A06011	Purushothaman	CSIR-CEERI, Pilani	ES	S.K Ghosh	Design of metamaterial-based interaction structures for microwave tubes	07.05.2019
52	32EE12J06010	Vishant	CSIR-CEERI, Pilani	ES	A.Bera	Electromagnetic analysis of high-frequency, high-power gyrotron	13.05.2019
53	20EE12A06004	Meenu Kaushik	CSIR-CEERI, Pilani	ES	L. M. Joshi	Design studies on inductive output tubes	28.05.2019
54	32EE12J06001	Aditi	CSIR-CEERI, Pilani	ES	Ram Gopal	Design and fabrication of MEMS magnetometer	25.10.2019

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55	32EE12A06014	Sushil Kumar Shukla	CSIR-CEERI, Pilani	ES	Ranjan Kr. Barik	Study and development of nano-scandate cathode (NSC) for THz devices	30.10.2019
56	10BB14J08026	M Jaypraksh Rao	CSIR-CFTRI, Mysuru	BS	Malathi Srinivasan	Studies on regulation of cell morphology and lipid metabolism in <i>Saccharomyces cerevisiae</i>	08.01.2019
57	10BB14A08008	Rashmi S Shenoy	CSIR-CFTRI, Mysuru	BS	Dr. Manonmani H K	Evaluation of antidiabetic potential of <i>Gymnema sylvestre</i>	06.03.2019
58	10BB14A08010	Anikishetty Maheswaraiiah	CSIR-CFTRI, Mysuru	BS	P. Vijayaraj	Physiological significance of diacylglycerol oil and its metabolism	27.03.2019
59	10BB14A08007	Sunil L	CSIR-CFTRI, Mysuru	BS	Balaji Prakash	In silico designing, expression, and characterization of protein enriched with branched chain amino acids and In-vitro studies on its utilization for dietary treatment of	10.04.2019
60	10BB12J08005	Sathya T A	CSIR-CFTRI, Mysuru	BS	Mahejibin Khan	Construction of soil metagenomics library and screening of pectinase for the synthesis of pectic oligosaccharides	05.04.2019
61	10BB13A08001	Archana Gopalrao Lamdande	CSIR-CFTRI, Mysuru	BS	KSMS Raghavarao	Wet processing for value added products from coconut ( <i>Cocos nucifera</i> L.)	05.04.2019
62	10BB14J08005	Dhanashree	CSIR-CFTRI, Mysuru	BS	Dr. K Rajagopal	Understanding the pleomorphic nature of <i>Bifidobacteri</i>	22.04.2019
63	10BB11A08002	Sakthi Kumaran	CSIR-CFTRI, Mysuru	BS	G. Vijayalakshmi	Enrichment of millet foods for dietary bioactive molecules through fermentation	22.05.2019
64	10BB14J08009	Mohan Kumar B V	CSIR-CFTRI, Mysuru	BS	P. Prabhasankar	Immunoreactivity of Indian wheat varieties and their impact in low-gluten food processing	11.06.2019
65	20EE12A08009	Murugesh	CSIR-CFTRI, Mysuru	ES	R Subramanian	Athermal extraction and membrane clarification of green tea extracts	26.06.2019

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66	10BB14J08008	Memthoi Devi	CSIR-CFTRI, Mysuru	BS	N Iboyaima Singh	Enumeration of nutritional and bio-functional properties of Rhus chinensis mill. (Heimang) fruits and its products	02.07.2019
67	10BB14A08018	Shrikanth C B	CSIR-CFTRI, Mysuru	BS	C.D. Nandini	Effect of AMP-Activated protein kinase modulators on sulphated glycosaminoglycans of tubular kidney cells under high glucose conditions	16.07.2019
68	10BB14A08005	Ashrafi Hossain	CSIR-CFTRI, Mysuru	BS	Dr. Jayadeep A	Effect of processing of maize on nutraceutical properties and development of functional foods	23.07.2019
69	10BB14J08002	Apramita Devi	CSIR-CFTRI, Mysuru	BS	Annu Appaiah K A	Polyphenol transformations by malo-lactic bacteria during wine fermentation	06.08.2019
70	10BB13J08005	Anusha Jahagirdar	CSIR-CFTRI, Mysuru	BS	Malathi Srinivasan	Obesity and thermogenesis: Molecules from dietary sources that convert white to brown adipose tissue	23.08.2019
71	20BE14J08014	Rochak Mittal	CSIR-CFTRI, Mysuru	ES	KSMS Raghavarao	Downstream processing of phycobiliproteins from macro-algae, Gelidium pusillum	09.10.2019
72	10BB13A08008	Shamsiya Trichur Khabeer	CSIR-CFTRI, Mysuru	BS	Manonmani HK	Obesity and thermogenesis: Molecules from dietary sources that convert white to brown adipose tissue	09.10.2019
73	10BB15J08005	Indhurathna S	CSIR-CFTRI, Mysuru	BS	Mnisha Guha	Quality assessment and development of specialty foods from folk medicinal rice cultivars – Kabirajsal and Kalabhatt	12.10.2019
74	10BB15A08004	Pooja Acharya	CSIR-CFTRI, Mysuru	BS	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	25.10.2019
75	10BB14A08023	Kalaivani	CSIR-CFTRI, Mysuru	BS	M.V.R.L. Sarma	Metabolic engineering of Saccharomyces cerevisiae for overproduction of squalene	25.10.2019
76	10BB14J08016	Shilja C	CSIR-CFTRI, Mysuru	BS	K. Rajagopal	Antimicrobials and hybrid antimicrobials for food safety	10.12.2019

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77	10BB12A08005	Musunuru Suneel Kumar Reddy	CSIR-CFTRI, Mysuru	BS	Uma V. Manjappara	Studies on the combined effect of obestatin and plant nutraceuticals in in vitro and in vivo obesity models	10.12.2019
78	10BB14J08004	Debika Ojha	CSIR-CFTRI, Mysuru	BS	K. Neelakantesh war Patil	Molecular characterization of Listeria monocytogenes RecA, SSB and RecX proteins: Implications in homologous recombination and antibiotic resistance	31.12.2019
79	32EE15A09004	Ipsita Chinya	CSIR-CGCRI, Kolkata	ES	S. Sen	Development of polymer-ceramic nanocomposite for flexible piezoelectric nanogenerator application	19.02.2019
80	32EE15A09001	Biswajit Bera	CSIR-CGCRI, Kolkata	ES	Dr. Nandini Das	Silica-Carbon Based Composite Membranes and Materials for CO2 Separation and Storage Applications	06.03.2019
81	32EE15A09003	Debrati Mukherjee	CSIR-CGCRI, Kolkata	ES	Sourja Ghosh	Membrane based process for purification of wastewater contaminated with specific pesticide and drug molecules	11.03.2019
82	32EE15A09002	Chandra Khatua	CSIR-CGCRI, Kolkata	ES	Dr. Vamsi Krishna Balla	Bismuth Ferrite reinforced composite biomaterials for bone implant applications	30.3.2019
83	10BB15A09003	Somoshree Gupta	CSIR-CGCRI, Kolkata	BS	Vamsi Krishna Balla	Influence of low-intensity pulsed ultrasound (LIPUS) and static magnetic field (SMF) on efficacy of cancer cell inhibition	15.05.2019
84	10BB15A10002	Khushboo Khan	CSIR-CIMAP, Lucknow	BS	Dr. Rajesh Kumar Verma	Carbon sequestration and agro-economic potentials of aromatic crops based cropping systems	17.01.2019
85	10BB15A10008	Sana Khan	CSIR-CIMAP, Lucknow	BS	Laiq ur Rahman	Metabolic engineering of phenylpropanoid pathway in Ocimum Species (O. gratissium and O. sanctum) for vanillin production	31.01.2019
86	10BB16J10012	Swati Srivasatava	CSIR-CIMAP, Lucknow	BS	Dr. Ashok Sharma	Computational analysis of miRNAs and their role in secondary metabolite biosynthesis of MAPs	31.01.2019
87	10BB12J10005	Mridula Singh	CSIR-CIMAP, Lucknow	BS	Dr. Ashutosh K. Shukla	Gene prospecting in Papaver somniferum using contrasting genotypes	07.03.2019



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88	10BB16J10008	Laxmi Rathor	CSIR-CIMAP, Lucknow	BS	Rakesh Pandey	Evaluation of antiaging and stress modulating activities of boeravinone B from Boerhaavia diffusa L. in Caenorhabditis elegans	25.03.2019
89	10BB15A10004	Pooja Singh	CSIR-CIMAP, Lucknow	BS	Laiq ur Rahman	Genetic transformatin of Pelargonium graveolens with bacterial acc deaminase gene for biotic and abiotic resistance	10.04.2019
90	10BB15J10001	Atul Kumar Srivastava	CSIR-CIMAP, Lucknow	BS	Abdul Samad	Investigation of Curvularia spp. Infecting economically important medicinal and aromatic plants: Secondary metabolite profiling and their management	03.06.2019
91	10BB16J10013	Garima Singh	CSIR-CIMAP, Lucknow	BS	A.K. Shasany	Molecular interaction study of heavy metals chelator metallothionein type 2 with cadmium in medicinal and aromatic plants	03.07.2019
92	10BB15A10001	Anant Kumar	CSIR-CIMAP, Lucknow	BS	D.U. Bawankule	Pharmacological intervention of selected medicinal and aromatic plants-derived waste with special emphasis on inflammatory response in malaria, liver and skin disorder	23.07.2019
93	10CC14A10006	Vineet Yadav	CSIR-CIMAP, Lucknow	CS	Puja Khare	Evaluation of synergistic effect of distilled waste derived biochar on carbon storage, soil fertility and MAPs productivity	20.08.2019
94	10BB16A10001	Gaurav Srivastava	CSIR-CIMAP, Lucknow	BS	M.P. Darokar	In silico molecular insight into the structural and functional aspects of drug resistance mechanisms in Mycobacterium tuberculosis	11.09.2019
95	10BB16J10007	Shiwani	CSIR-CIMAP, Lucknow	BS	N.S. Sangwan	Understanding of aroma in ocimum species : Insights from molecular, phytochemical and structural studies	16.09.2019
96	10BB12A10001	Nida Qamar	CSIR-CIMAP, Lucknow	BS	Ajit K. Shasany	Understanding monoterpenes channeling in Mentha species	31.10.2019
97	10CC13A10004	Priyanka Maurya	CSIR-CIMAP, Lucknow	CS	Karuna Shanker	Chemical investigation of some medicinal plants of family rubiaceae	31.12.2019
98	10CC14A43001	Deblina Maiti	CSIR-CIMFR	CS	Dr. Bably Prasad	Studies on eco restoration of fly ash filled area with grass-legume mixtures, bioaccumulation of heavy metals and nutrient cycling	02.05.2019

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99	10CB13J11002	Lawal Adetoun Helen	CSIR-CLRI, Chennai	BS	P. Shanmugam	Molecular microbial ecology of archaeal community in biogas production using different waste materials	05.04.2019
100	10BB14A11004	T. Parandhaman	CSIR-CLRI, Chennai	BS	Sujoy Kumar Das	Green synthesis, characterization and applications of solid supported metal nanoparticle	29.07.2019
101	10CC12A11002	G. Pratap	CSIR-CLRI, Chennai	CS	T. Narasimhasw amy	Thiophene based molecular mesogens: Synthesis and mesophase characterization	31.07.2019
102	10CB13J11003	S Kavitha	CSIR-CLRI, Chennai	BS	Yasmin Khambhaty	Systematic study on biocidal action and mechanism of biocide resistance development in leather-borne fungi	06.08.2019
103	10CC12J11003	S. Nagaraju	CSIR-CLRI, Chennai	CS	T. Narasimhasw amy	Synthesis and characterization of donor-acceptor based $\pi$ -conjugated polymers for white light emission	20.08.2019
104	32EE13J12002	Soumen Mandal	CSIR-CMERI, Durgapur	ES	Nagahanumai ah	Intelligent process control system for monitoring temperature and strain in micro cutting tool using fiber bragg grating sensor	23.08.2019
105	20EE13A12007	Debasri Chakraborty	CSIR-CMERI, Durgapur	ES			09.10.2019
106	10CC15A12007	Suman Chhetri	CSIR-CMERI, Durgapur	CS	Naresh Chandra Murmu	Development of functionalized graphene/epoxy composites for the improvement of mechanical, anti-corrosion and EMI shielding properties	09.10.2019
107	32EE12J12007	Srinivasa Reddy N	CSIR-CMERI, Durgapur	ES	Soumen Sen	Biomimicking piscine fin actuation: Theory and experiments	12.10.2019
108	20EE15A12003	Nitai Chandra	CSIR-CMERI, Durgapur	ES	Pranab Samanta	Development and characterization of carbon fiber reinforced epoxy composite by incorporating surface modified graphene	21.10.2019
109	10CC15J12002	Suprakash Samanta	CSIR-CMERI, Durgapur	CS	Rashmi Ranjan Sahoo	Functionalized graphene oxide and h-BN nanolubricant particles for efficient lubrication of dry and lubricated sliding contact	21.10.2019

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110	10CC15A12006	Sharath Kumar	CSIR-CMERI, Durgapur	CS	Naresh Chandra Murma	Development of graphene based electrochemical sensor material for detection of hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> )	05.11.2019
111	20EE13A12004	Santanu Dey	CSIR-CMERI, Durgapur	ES	Dipankar Chatterjee	Experimental and numerical studies on shock tube flows and its interaction with objects	05.11.2019
112	20EE13J12004	Phani Kumar Mallisetty	CSIR-CMERI, Durgapur	ES	Naresh Chandra Murmu	Investigation of externally pressurized multilayer porous journal bearings	26.11.2019
113	10CC13J14002	Manisha Gaur	CSIR-CRRI, New Delhi	CS	Anuradha Shukla	Characterisation and source profiling of volatile organic compounds from road traffic in Delhi	11.09.2019
114	32EE15A14001	Lincy Varghese	CSIR-CRRI, New Delhi	ES	V.V.L. Kanta Rao	Characterization of high volume siliceous fly ash concrete containing colloidal nanosilica	18.12.2019
115	20EE14A15001	Jyotsana Mehta	CSIR-CSIO, Chandigarh	ES	Akash Deep	Sensing and removal of organophosphate pesticides using biofunctionalized nanostructured materials	21.01.2019
116	32EE12J15008	Ritesh Kumar	CSIR-CSIO, Chandigarh	ES	GPS Raghava	Analysis of Structure odor relationship: A Computational approach	11.03.2019
117	20EE14J15005	Sanjeev Kumar Bhardwaj	CSIR-CSIO, Chandigarh	ES	Amit L. Sharma	Assembly of metal organic framework (MOF) based conducting platforms for sensing applications	27.03.2019
118	10PP12A15001	Sukhbir Singh	CSIR-CSIO, Chandigarh	PS	Inderpreet Kaur	Bandgap modelling of graphene nanoribbon for nano-FET design	27.03.2019
119	32EE12J15011	Sudeshna Bagchi	CSIR-CSIO, Chandigarh	ES	Sudeshna Bagchi	Electrostatically deposited hierarchical nanostructures as resistive and optical platforms for ammonia detection	27.03.2019
120	32EE12A15019	Neha Khatri	CSIR-CSIO, Chandigarh	ES	Vinod Karar	Micromachining process chain for optical finish of smooth silicon mirrors for X-rays applications	15.05.2019

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121	32EE12J15007	Divya Agrawal	CSIR-CSIO, Chandigarh	ES	Vinod Karar	Multispectral image fusion for enhancing situation awareness	15.05.2019
122	10PB13A15003	Harjodh Singh	CSIR-CSIO, Chandigarh	PS	Sunita Mishra	Isolation and characterization of halophilic bacteria from sambhar lake and screening for antimicrobial compounds	29.07.2019
123	20EE12A15007	Deepak Sharma	CSIR-CSIO, Chandigarh	ES	Amol P. Bhonekar	Heterogeneity consideration in energy-efficient routing algorithms for wireless sensor networks	29.07.2019
124	20EE12A15011	Srikanth Vasamsetti	CSIR-CSIO, Chandigarh	ES	H.K. Sardana	Design and enhancement of feature descriptors for underwater moving object detection	31.07.2019
125	20EE16J15015	Shashank Sundriyal	CSIR-CSIO, Chandigarh	ES	Sunita Mishra	Metal organic frameworks and graphene based nanostructures for hybrid supercapacitors	19.08.2019
126	20EE12A15005	Nitin Kumar	CSIR-CSIO, Chandigarh	ES	H.K. Sardana	Visual attention inspired automated scene analysis in underwater environments	19.08.2019
127	10PP15J15002	Awdhesh Kumar Shukla	CSIR-CSIO, Chandigarh	PS	Amod Kumar	An optimized approach in adaptive steganography	22.08.2019
128	20EE14A15007	Swagat Kumar Samantaray	CSIR-CSIO, Chandigarh	ES	Sanjeev Kumar	Analysis of structural dynamics of rail joints based on electromechanical impedance principle	11.09.2019
129	20EE14J15007	Vemuri SRS Praveen Kumar	CSIR-CSIO, Chandigarh	ES	Amit L Sharma	Design and development of optical thin film interference filters for visible region	11.09.2019
130	20EE12A15015	Mukesh Kumar	CSIR-CSIO, Chandigarh	ES	Vinod Karar	Design and fabrication of multilayer reflective notch filter for beam folding applications	16.09.2019
131	10PP13J15002	Sarita Devi	CSIR-CSIO, Chandigarh	PS	Sachin Tyagi	Studies on amine functionalized nanoparticles for trinitrotoluene detection	16.09.2019

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132	32EE12J15005	Naga Vara Aparna Akula	CSIR-CSIO, Chandigarh	ES	H.K. Sardana	Spatiotemporal moving target detection and recognition in infrared imagery	12.10.2019
133	10PP13J15001	Siddharth Kaushik	CSIR-CSIO, Chandigarh	PS	Umash K. Tiwari	Study of functionalized optical fiber sensors for bio-sensing applications	18.12.2019
134	10BB13J16015	Madhusree Mitra	CSIR-CSMCRI, Bhavnagar	BS	Sandhya Mishra	Identification of microalgae as a potential source of omega-3 polyunsaturated fatty acids viz. EPA and DHA	31.01.2019
135	10BB14J16022	Sweta Binod Kumar	CSIR-CSMCRI, Bhavnagar	BS	Soumya Haldar	Bacterial attachment on polymeric membranes: Strategies and applications	22.04.2019
136	10BB13A16007	Jackson Melvinbhai Khedia	CSIR-CSMCRI, Bhavnagar	BS	P.K Agarwal	Isolation and characterization of stress responsive AINAC4 transcription factor from halophyte Aeluropus lagopoides	29.04.2019
137	10BB15J16021	Raval Ishan Hareshbhai	CSIR-CSMCRI, Bhavnagar	BS	Dr. S. Haldar	Characterization of harmful bacteria from coastal resources of Gujarat	20.06.2019
138	10CC13A16003	Ankitkumar Kansara	CSIR-CSMCRI, Bhavnagar	CS	Dr. Puyam S. Singh	Hydrophobic poly(alkyl)siloxane membranes for organic selective separation process	20.06.2019
139	10BB13A16006	Raghawendra Kumar	CSIR-CSMCRI, Bhavnagar	BS	Avinash Mishra	Microbial community structure and functional genes (Lac, alkB, xyl) analysis from seawater using metagenomic approach	02.07.2019
140	10BB15J16018	Manali Jagdishbhai Rathod	CSIR-CSMCRI, Bhavnagar	BS	Shaik Basha	Synthesis and characterization of nanocellulose-TiO <sub>2</sub> composites and their application in removal of pharmaceutical compounds from aqueous streams	02.07.2019
141	10CC14A16004	Ashesh Mahto	CSIR-CSMCRI, Bhavnagar	CS	Ramavatar Meena	Designing of materials targeting separation and energy storage applications	23.07.2019
142	10CC14A16009	Menapara Tusharkumar	CSIR-CSMCRI, Bhavnagar	CS	Dr. R. I. Kureshy	Chiral catalysts for asymmetric C-C bond formation reactions	06.08.2019

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143	10BB14A16023	Mitali Dabi	CSIR-CSMCRI, Bhavnagar	BS	Pradeep Kumar Agarwal	Study of WRKY transcription factor from biofuel crop <i>Jatropha curcas</i> towards stress tolerance	26.11.2019
144	10CC14A16008	Krishnaiah D	CSIR-CSMCRI, Bhavnagar	CS	Arvind Kumar	Ionic liquid based colloidal formulations and their applications	18.12.2019
145	10CC14A16012	Nripat Singh	CSIR-CSMCRI, Bhavnagar	CS	Kamalesh Prasad	Sustainable processing and functionalization of biopolymers using ionic	31.12.2019
146	10BB14J02005	Bhavneet Kaur	CSIR-IGIB, New Delhi	BS	Soumya Sinha Roy	To understand the molecular mechanism involved in homocysteine (Hcy) induced neurotoxicity	03.01.2019
147	10BB13J02024	Manish Kumar Rai	CSIR-IGIB, New Delhi	BS	Kausik Chakraborty	Understanding the molecular mechanism of adaptive thermotolerance in <i>E. coli</i>	18.01.2019
148	10BB13A02013	SANDEEP BASU	CSIR-IGIB, New Delhi	BS	Dr. Chetana Sachidanandan	Molecular Dissection and Chemical Modulation of Hepcidin Mediated Systemic Iron Homeostasis in Vertebrates	04.02.2019
149	10BB14A02019	Jyotsana Prakash	CSIR-IGIB, New Delhi	BS	Dr. ANURAG AGRAWAL	STUDIES ON BIODEGRADATION OF GLYCEROL RICH BIODIESEL INDUSTRY WASTE FOR PRODUCING BIOFUELS	11.02.2019
150	10BB13J02022	Pooja Kumari	CSIR-IGIB, New Delhi	BS	Sagarika Biswas	Role of synovial proteins in rheumatoid arthritis	19.02.2019
151	10BB14J02002	Ashwini B	CSIR-IGIB, New Delhi	BS	Chetana Sachidanandan	Epigenetic modulators in vertebrate embryonic development: EP300 in a disease model	15.05.2019
152	10BB13J02025	Pradeep Kr. Tiwari	CSIR-IGIB, New Delhi	BS	Dr. Mahesh Dharne	Microbial ecology, diversity and biochemical potential within basaltic Indian hot spring	22.05.2019
153	10BB13A02017	Swati Varshney	CSIR-IGIB, New Delhi	BS	Shantanu Sengupta	Proteomics studies to understand multigenerational effect of vitamin B12 deficiency in wistar rats	11.06.2019

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154	10BB13J02020	Shikha Koul	CSIR-IGIB, New Delhi	BS	Anurag Agrawal	Study of bacterial diversity for anti-bacterial and anti-biofilm activities	26.06.2019
155	10BB15A02005	Ambily Sivadas	CSIR-IGIB, New Delhi	BS	Vinod Scaria	Computational methodologies for pharmacogenomic analysis integrating genome-scale datasets	23.07.2019
156	10BB13J02004	Sachin Sharma	CSIR-IGIB, New Delhi	BS	Dr. Vivek T. Natrajan	UNDERSTANDING MYCOBACTERIAL SURVIVAL STRATEGIES IN UNCONVENTIONAL NICHES	31.07.2019
157	10BB14A02008	Asmita Ghosh	CSIR-IGIB, New Delhi	BS	Kausik Chakraborty	Delineating the role of cellular quality control in deciding the fate of a compromised folder	11.09.2019
158	10BB13J02008	Garima Suneja	CSIR-IGIB, New Delhi	BS	Rakesh Sharma	Exploring microbial diversity and genetic potential of wastewater drains in Delhi	16.09.2019
159	10BB13J02014	Shivangi Khanna	CSIR-IGIB, New Delhi	BS	Vivek Natarajan	Understanding DNA damage response in maintaining melanocyte homeostasis	25.10.2019
160	10BB14J02006	Ayyappa Raja	CSIR-IGIB, New Delhi	BS	Vivek T Natarajan	Role of a histone variant in melanocyte transitions	25.10.2019
161	10BB15A02029	Shagun Poddar	CSIR-IGIB, New Delhi	BS	Malabika Datta	Role of epigenetically regulated miRNAs in skeletal muscle during diabetes	07.11.2019
162	10BB13A02005	Chitra Rawat	CSIR-IGIB, New Delhi	BS	Ritushree Kukreti	Blood genomic expression signatures and key pathways determining valproate efficacy in patients with epilepsy	26.11.2019
163	10BB13A02018	Ujjwal Rajan	CSIR-IGIB, New Delhi	BS	Munia Ganguli	Role of cellular retention of nanoparticles and nanocomplexes in biological applications	26.11.2019
164	10BB15A02026	Punam Jha	CSIR-IGIB, New Delhi	BS	Souvik Maiti	Distribution of biochemical parameters associated with cardio-metabolic risks in healthy urban children, adolescents and adults of Indo-European origin	18.12.2019

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165	10BB13A02004	Chitra Latka	CSIR-IGIB, New Delhi	BS	Bhupesh Taneja	Understanding the role of serine proteases of <i>Trichophyton rubrum</i> as potential virulence factors	18.12.2019
166	10BB13J02027	Renu Kumari	CSIR-IGIB, New Delhi	BS	Mitali Mukerji	Delineation of converging molecular mechanisms in cerebellar ataxias: Functional genomics	31.12.2019
167	10BB13J33007	Munish Kaundal	CSIR-IHBT, Palampur	BS	Dr. Rakesh Kumar	"Effect of Elevated CO <sub>2</sub> and Temperature on Growth, Biomass and Selected Bioactive molecules of <i>Valeriana jatamansi</i> J. and <i>Hypericum perforatum</i> L. in the Western	31.01.2019
168	10BB14J33004	Sourabh Soni	CSIR-IHBT, Palampur	BS	Yogendra S. Padwad	Elucidating the role of MAPKAPK2 as a potential anticancer target in the pathogenesis of head and neck squamous cell carcinoma	27.03.2019
169	10BB12A33002	Madhu Kumari	CSIR-IHBT, Palampur	BS	Mahesh Gupta	Identification and role of probiotics for potential health benefits	10.04.2019
170	10CC15A33007	Dhananjay Bhattacharjee	CSIR-IHBT, Palampur	CS	Pralay Das	Hypervalent iodine(III) promoted ring-rearrangement and functionalization approaches in organic synthesis	03.06.2019
171	10BB13J33008	Vishal Sharma	CSIR-IHBT, Palampur	BS	Dr. Sanjay Kumar	Identification of apple ( <i>Malus x domestica</i> Borkh.) DREB/CBF transcription factors and their characterization in Tobacco	08.07.2019
172	10BB13A33001	Arindam Ghosh Mazumder	CSIR-IHBT, Palampur	BS	Damanpreet Singh	Investigating the role of selected mTOR signalling pathway inhibitors in experimental models of epilepsy and associated comorbidities	23.07.2019
173	10CC14A33001	Deepali Katoch	CSIR-IHBT, Palampur	CS	Upendra Sharma	Phytochemical and pharmacological investigation of <i>Zephyranthes grandiflora</i> and <i>Narcissus tazetta</i> for amaryllidaceae alkaloids and their synthetic modifications	06.08.2019
174	10CC15A33010	Shanka Walia	CSIR-IHBT, Palampur	CS	Amitabha Acharya	Functional nanomaterials: Synthesis, characterization and their application in bioimaging and analyte detection	29.08.2019
175	10CC15A33009	Ritika Sharma	CSIR-IHBT, Palampur	CS	Upendra Sharma	Synthesis of quinoline derivatives via catalytic remote C-H activation	29.08.2019



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176	10BB13A33002	Dinesh Kumar	CSIR-IHBT, Palampur	BS	Amit Chawla	Functional ecology of high altitude vegetation of Western Himalaya	12.10.2019
177	10BB14J33001	Ganesh Prabhakar Rao Panzade	CSIR-IHBT, Palampur	BS	Ravi Shankar	High-throughput data handling, management and analysis in genomics studies	18.11.2019
178	10BB14J17001	Basavraj Khanppnavar	CSIR-IICB, kolkata	BS	Dr. Saumen Datta	Structural and Functional Analysis of Type III Secretion System(T3SS) Effectors and Key Metabolic Proteins from Pseudomonas aeruginosa	04.02.2019
179	10BB15J17005	Arijit Panda	CSIR-IICB, kolkata	BS	Sucheta Tripathy	A new paradigm in analyzing large and small genomes by sophisticated computational methods and workflows	30.04.2019
180	10CC13A17004	Ayan Mukherjee	CSIR-IICB, kolkata	CS	DR. ARINDAM TALUKDAR	Design and synthesis of potential anticancer therapeutic agents and human toll-like receptor 9 antagonist for the treatment of autoimmune disorder	03.06.2019
181	10BB13J17006	Subhadeep Das	CSIR-IICB, kolkata	BS	Sucheta Tripathy	Development of integrative computational and statistical methods for the analysis of omics and clinical data	20.06.2019
182	10BB13J17002	Utpal Bakshi	CSIR-IICB, Kolkata	BS	Snehasikta Swarnakar	In-Silico analysis of enterococcal genomes from the human microbiota	19.08.2019
183	10BB12A17002	Abdus Sabur	CSIR-IICB, kolkata	BS	Nahid Ali	Prospects of cationic liposomal vaccine formulations against visceral leishmaniasis	22.08.2019
184	10BB15J17006	Abhishek Das	CSIR-IICB, Kolkata	BS	Sucheta Tripathy	Setting up benchmark in analyzing genome, transcriptome and interaction data in simple and complex organisms	12.10.2019
185	10CC13A17006	Shovan Kumar Sen	CSIR-IICB, Kolkata	CS	Ramalingam Natarajan	Metal-organic cages and coordination polymers from Bile acids	26.11.2019
186	10CC14A17013	Arghya Polley	CSIR-IICB, Kolkata	CS	Ranjan Jana	Development of novel and environmentally benign methodologies for the synthesis of medicinal scaffolds	10.12.2019

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187	10CC14A17014	K. Chandrashekhara	CSIR-IICB, Kolkata	CS	Biswadip Baerji	Studies towards design, synthesis and biological efficacies of novel heterocycles	10.12.2019
188	10CC14A17012	Samir Kumar Bhunia	CSIR-IICB, Kolkata	CS	Ranjan Jana	Development of sustainable C-H functionalization and carboxylation reactions	18.12.2019
189	10CC12J18032	Srinivas Gajula	CSIR-IICT, Hyderabad	CS	Dr. J. S. Yadav	Studies towards the Synthesis of Tetrahydrofuran, Tetrahydropyran and Piperidine Containing Natural Products: Lobocrasol, Formosalide, Flavoxate and Terpene	07.01.2019
190	10CC14J18040	Srikanthreddy Narra	CSIR-IICT, Hyderabad	CS	B. Narsaiah	Synthesis and mechanistic studies of $\beta$ -aroyl thioacetanilide based novel heterocycles of biocological interest	07.01.2019
191	10BB12A18070	Lakshmi Ravali.V	CSIR-IICT, Hyderabad	BS	Shasi Vardhan Kalivendi	Mechanisms mediating alternative splicing of $\alpha$ -synuclein and the role of smaller isoforms in the pathophysiology of Parkinson's disease	07.01.2019
192	10CC12J18030	Sravanth Kumar Amurtapu	CSIR-IICT, Hyderabad	CS	Dr. J. S. YADAV	Studies towards the total synthesis of palmyrolide A, stagonolide D, stigmolone, and acremolide B	10.01.2019
193	10CC15J18001	Yellaiah Tangella	CSIR-IICT, Hyderabad	CS	B. Nagendra Babu	Development of metal-free strategies to diverse heterocycles and synthesis of $\beta$ -carboline, dihydrofuran congeners as potential anticancer agents	10.01.2019
194	10CC12J18004	B Maheshwar Rao	CSIR-IICT, Hyderabad	CS	J.S. Yadav	Design and synthesis of nitrogen containing heterocycles employing transition metal catalysts	10.01.2019
195	10CC15A18007	Ibrahim Bin Sayeed	CSIR-IICT, Hyderabad	CS	K. Srinivas	Synthesis of imidazo[2,1-b]thiazoles, imidazo[1,2-a]pyridines and benzo[d]imidazo[2,1-b]thiazoles as anticancer agents that target tubulin	10.01.2019
196	10CC15J18015	Satish Sunkari	CSIR-IICT, Hyderabad	CS	B. Nagendra Babu	Synthesis of pyridyl derivatives as potential anticancer agents and development of newer methodologies for imidazopyridine, quinazolinone scaffolds	17.01.2019
197	10BB16J18028	S M Rajesh Kotcherlakota	CSIR-IICT, Hyderabad	BS	Chittaranjan Patra	Design, synthesis, characterization of gold nanobioconjugates for targeted delivery of drugs & nucleic acids in ovarian cancer and noninvasive	31.01.2019

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198	32EE14A18005	Vineet Aniya	CSIR-IICT, Hyderabad	ES	Satyavathi	Exploration of enhanced distillation techniques for dehydration of tert-butyl alcohol	04.02.2019
199	10CC14A18006	Goskulwad S. Potanna	CSIR-IICT, Hyderabad	CS	Dr.Sidhanath V. Bhosale	Design, Synthesis and Supramolecular Self-Assembly of Biomimetic Functional Naphthalenediimides	05.02.2019
200	10CC11J18046	JANARDHAN GADDAM	CSIR-IICT, Hyderabad	CS	Dr. J. S. Yadav	Ring Closing Metathesis: Synthesis of Relgro, 10'-Oxorelgro, (3R,4S)-4-Hydroxylasiodiplodin, (3R,4R)-4-Hydroxy-de-O-methylasiodiplodin, 8,9-Dihydro	19.02.2019
201	10CC15J18014	Mali Prakash Rambhau	CSIR-IICT, Hyderabad	CS	Dr. Pravin R. Likhar	Synthesis of Bioactive $\beta$ -Resorcylic Acid Esters and New Methodologies For Spiro Compounds Via Cycloaddition Reactions	19.02.2019
202	10CC15J18014	Abdul Rahim Abdul Rauf	CSIR-IICT, Hyderabad	CS	Dr. Ahmed Kamal	Synthesis and Biological Evaluation of Indole, Isatin, Quinoline and Benzimidazole based Congeners as Anticancer and Antimicrobial Agents: Development of	19.02.2019
203	10BB13J18062	Chandrashekhar	CSIR-IICT, Hyderabad	BS	Ramesh Ummanni	Molecular mechanisms underlying the role of tumor protein D52(TPD52) in prostate cancer progression	25.03.2019
204	10CC15J18031	Bolla Govind Rao	CSIR-IICT, Hyderabad	CS	B. Mahipal Reddy	Design of novel nanostructured metal oxide catalysts for selective oxidation reactions	27.03.2019
205	10CC15A18001	Anusha Valaboju	CSIR-IICT, Hyderabad	CS	K. Bhanuprakash	Optoelectronic properties of organic and organometallic molecules for applications in organic light emitting diodes and photovoltaic cells: A computational study	27.03.2019
206	10BB13J18060	Vamsi Krishna Kamaja	CSIR-IICT, Hyderabad	BS	S. Venkata Mohan	Electroactive bacteria development for enhancing electron flux in microbial electrochemical systems through metabolic engineering and metagenomic	27.03.2019
207	10BB11A18021	Dasari Ramakrishna	CSIR-IICT, Hyderabad	BS	Sunil Misra	Evaluation of in vitro & in vivo genotoxicity effects of Zoledronic acid - a bisphosphonate drug used for the treatment of bone cancer	27.03.2019
208	10BB15J18043	M. Anil Kumar	CSIR-IICT, Hyderabad	BS	Anthony Addlagatta	Understanding the structural differences among M1-Class aminopeptidases and development of novel inhibitors	27.03.2019

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209	10BB14J18070	Karthik Reddy Kamireddy	CSIR-IICT, Hyderabad	BS	Ramesh Ummanni	Functional characterization of altered dimethylarginine dimethylaminohydrolase (DDAH1) in prostate cancer (PCa) progression and identification of its specific	10.04.2019
210	10CC14J18044	Pedada Srinivasa Rao	CSIR-IICT, Hyderabad	CS	Sidhanath V. Bhosale	Design, synthesis, chemistry and photovoltaic applications of $\pi$ -conjugated systems	22.04.2019
211	10CC15J18022	Shinde Dilip Nivrutti	CSIR-IICT, Hyderabad	CS	Rajiv Trivedi	Ferrocenyl conjugates of five membered imidazolinones and thiazolidinedione rings: Synthesis, characterisation and biological activity	22.04.2019
212	10CC16A18039	Sura Madhu Babu	CSIR-IICT, Hyderabad	CS	Mangala Gowri	Phytochemical investigation & bioevaluation of secondary metabolites from Ipomoea, Ceriops, Artemisia genera and biotransformation of artemisinin	22.04.2019
213	10CC13A18044	MURUGESH V	CSIR-IICT, Hyderabad	CS	Dr. S. Suresh	TRANSITION METAL CATALYZED SEQUENTIAL/TANDEM ORGANIC TRANSFORMATIONS: C(sp <sup>3</sup> )-H FUNCTIONALIZATION OF PIPERAZINES AND SYNTHESIS OF	02.05.2019
214	10CC15A18010	PHANINDRUDU MANDALAPARTI	CSIR-IICT, Hyderabad	CS	DR. PRAVIN R. LIKHAR	SYNTHESIS OF BIOLOGICALLY IMPORTANT SCAFFOLDS VIA ACTIVATION OF TERMINAL ALKYNES	02.05.2019
215	10CC16J18015	Dipak Kumar Tiwari	CSIR-IICT, Hyderabad	CS	Pravin R. Likhar	Novel synthetic utility of isocyanide for the construction of various nitrogen-heterocycles	02.05.2019
216	10BB15A18037	Anirban Ganguly	CSIR-IICT, Hyderabad	BS	Rajkumar Banerjee	Development of novel estrogen receptor targeted anticancer therapeutics and cancer cell detecting fluorescent hybrid molecules	07.05.2019
217	32EE14A18004	Siddhartha Moulik	CSIR-IICT, Hyderabad	ES	S. Sridhar	Synthesis and characterization of novel membranes for separation of binary liquid mixtures by pervaporation and membrane distillation: hydrodynamics analysis and	07.05.2019
218	10CC14J18023	KARRI SANGAM NAIDU	CSIR-IICT, Hyderabad	CS	Dr. S. PALANIAPPAN	Polyanilines and Poly(3,4-Ethylenedioxythiophene) as supercapacitor, electrostatic discharge and sensing materials	13.05.2019
219	10CC15A18011	MIRZA FERAZ BAIG	CSIR-IICT, Hyderabad	CS	Dr. Santosh. B. Mhaske	SYNTHESIS AND BIOLOGICAL EVALUATION OF FUSED IMIDAZOLES AS CYTOTOXIC AGENTS: DEVELOPMENT OF NEWER METHODS FOR FUSED IMIDAZOLES AND	13.05.2019

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220	10CC13A18010	Purnachandar Dalovai	CSIR-IICT, Hyderabad	CS	Galla V. Karunakar	Gold and silver catalyzed organic transformations to access carbazoles, tetraarylmethane furans and biphenylaminoketones via C-C, C-N and C-O bond	21.05.2019
221	10CC14J18039	N. Sambasivarao	CSIR-IICT, Hyderabad	CS	H.M. Maheshwaran	Transition metal/metal free promoted highly site-selective C-X (X = I, Br, Cl, N) bond formation on N-(quinolin-8-yl)benzamide derivatives via C-H activation	21.05.2019
222	10CC11J18104	N. Sivakumar Reddy	CSIR-IICT, Hyderabad	CS	Rajesh Chandra	Bifunctional organic molecules applications in asymmetric organic catalysis and alzheimer's disease therapy	21.05.2019
223	10CC14J18055	Shaik Syed Hussain	CSIR-IICT, Hyderabad	CS	T. Shekharam	Transparent organic inorganic hybrid photopolymers for optical applications	21.05.2019
224	10CC14A18001	Navya G.	CSIR-IICT, Hyderabad	CS	S. Chandrasekhar	Expanding the tetrahydroquinoline pharmacophore and efforts towards the synthesis of pentacyclic core of ( $\pm$ ) meloscine	22.05.2019
225	10CC14J18082	Kirti Kumari	CSIR-IICT, Hyderabad	CS	Dr. A. MANJULA	Design, synthesis and analysis of organic molecules of forensic interest	22.05.2019
226	10CC16A18036	Singuru Ramana	CSIR-IICT, Hyderabad	CS	Dr. John Mondal	Design of Novel Catalysts for Value-Added Chemicals from Biomass-Derived Platform Molecules	22.05.2019
227	10CC15J18029	Deboshree Mukherjee	CSIR-IICT, Hyderabad	CS	B.Mahipal Reddy	Rational design of ceria-based nano-oxides for improved catalytic activity	22.05.2019
228	10CC11J18003	Mora Mallikarjuna Rao	CSIR-IICT, Hyderabad	CS	J.S. Yadav	Studies towards eutypelln A, Phomolide G, Reidispongiolide A and dolabiferol	03.06.2019
229	10CC14J18009	Bola Srinivasa Rao	CSIR-IICT, Hyderabad	CS	N. Lingaiah	Studies on modified heteropoly acid catalysts for biomass valorization	11.06.2019
230	10CC14J18084	AMRITANJALI	CSIR-IICT, Hyderabad	CS	Dr. UJJWAL PAL	Study and Development of TiO <sub>2</sub> based Nanostructured Materials for Photocatalytic Hydrogen Production	11.06.2019

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231	10CC15A18019	Yada Bharath	CSIR-IICT, Hyderabad	CS	D.K. Mohapatra	Synthesis of diospongin A & B, dibenzo[b,f]oxepins and regioselective reductive ring opening of p-methoxybenzylidene acetals	20.06.2019
232	10CC14J18056	T. Somasekhar	CSIR-IICT, Hyderabad	CS	U.V. Mallavadhani	Isolation, chemical modification, and biological evaluation of major metabolites of some lichen species	26.06.2019
233	10CC15J18006	Srivalli Susmitha Ghatti	CSIR-IICT, Hyderabad	CS	U.V. Mallavadhani	Studies on Some Potent Indian Traditional Plants for Selected Biological Applications	26.06.2019
234	10CC14J18052	R. Srilakshmi Tirupathamma	CSIR-IICT, Hyderabad	CS	U.V. Mallavadhani	Isolation, chemical modification and biological evaluation of major metabolites of some Indian lichens	04.07.2019
235	20EE13J18067	Satyannarayana Sirisetti	CSIR-IICT, Hyderabad	ES	Pradosh P. Chakrabarti	Applications of newer processing techniques for refining, Value addition and waste management in oils and fats industries	15.07.2019
236	20CE12J18033	SURESH BABU PASUPELETI	CSIR-IICT, Hyderabad	ES	Dr. S. VENKATA MOHAN	SCALING UP OF BIOELECTROGENIC AND ACIDOGENIC PROCESSES FOR RENEWABLE ENERGY AND WASTE REMEDIATION	16.07.2019
237	10CC13A18028	Wardudikar Kamalkishoro Kalyan	CSIR-IICT, Hyderabad	CS	Ch. Raji Reddy	Studies towards the synthesis of tangutorine, pyrrolo[2,1-a] isoquinoline alkaloids and cyclopenta[a]inden-2(1H)-ones	16.07.2019
238	10BB13J18061	Bhagyashree D. Rao	CSIR-IICT, Hyderabad	BS	Amitabha Chattopadhyay	Local anesthetics, lipid and G-protein interactions with membrane proteins	31.07.2019
239	10BB15A18045	Naresh Kumar	CSIR-IICT, Hyderabad	BS	S. Venkata Mohan	Microbial transformation of solid waste to renewable chemicals, Energy and polymers in the biorefinery framework	31.07.2019
240	10CC15J18007	Nithyamol K.V.	CSIR-IICT, Hyderabad	CS	U.V. Mallavadhani	Chemical and biological studies on some Indian marine flora	06.08.2019
241	10BB14J18069	Wahul Abhipradnya Bipeen	CSIR-IICT, Hyderabad	BS	Sumana Chakravarty	Molecular and epigenetic mechanism in neuro-glial degeneration and regeneration in the hypoxic ischemic rodent brain	23.08.2019

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242	10CC15A18057	Nallapa Reddy	CSIR-IICT, Hyderabad	CS	T. Venkateshwar Rao	Design of nanostructured ceria-based catalysts for selective oxidation reactions	29.08.2019
243	10CC11J18103	Ravi Kiran Donthi	CSIR-IICT, Hyderabad	CS	Dr. RAJESH CHANDRA	ORGANOCATALYZED TAMURA AND 1,3-DIPOLAR CYCLOADDITION REACTIONS OF ELECTRON DEFICIENT ALKENES FOR SPIRO CYCLIC ASSEMBLY	11.09.2019
244	10CC11J18105	R. Venkatram Reddy. R	CSIR-IICT, Hyderabad	CS	Dr. Rajesh Chandra	Asymmetric Organocatalysis: Studies Towards Enantioselective Vinylogous Michael Reaction	11.09.2019
245	10CC15J18038	Jonnadula V S Krishna	CSIR-IICT, Hyderabad	CS	L. Giribabu	Donor- $\pi$ -acceptor system based porphyrin sensitizers for dye sensitized solar cell applications	16.09.2019
246	10CC14J18026	Venkateshwarlu Kontham	CSIR-IICT, Hyderabad	CS	K.V. Padmaja	Synthesis and tribological evaluation of vegetable oil derived lubricant additives	16.09.2019
247	10CC14J18060	Suman	CSIR-IICT, Hyderabad	CS	Surya Prakash Singh	Impact of molecular engineering on functional $\pi$ -conjugated molecules for solution processed organic solar cells	16.09.2019
248	10CC14A18009	Chavan Lahu Narayan	CSIR-IICT, Hyderabad	CS	S. Chandrasekhar	Synthesis of C28-C35 fragment of eribulin and CO(III)-catalyzed C-H functionalization towards indolizidines	16.09.2019
249	10BB14J18083	Dumana Naresh	CSIR-IICT, Hyderabad	BS	Paramjit Grover	In vitro, in vivo and eco-toxicological assessment of nickel oxide nanoparticles	24.09.2019
250	10BB14J18071	Komal Kushik	CSIR-IICT, Hyderabad	BS	Amitava Das	Molecular mechanism of human mesenchymal stem cells plasticity for enhanced neovascularization-mediated wound tissue regeneration	24.09.2019
251	10BB15A18046	Omprakash Sarkar	CSIR-IICT, Hyderabad	BS	S. Venkata Mohan	Acidogenic biorefinery for renewable energy and platform chemicals: Upscaling and sustainability analysis	16.10.2019
252	10CC16A18002	Ashok K	CSIR-IICT, Hyderabad	CS	A. Krishnaiah	Synthesis of furan, pyrazolo[3,4-b]pyridine and quinoline fused imidazo[1,2-a]pyridine heterocycles of biological interest	21.10.2019

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253	10BB13A18040	Balabhaskarrao. K	CSIR-IICT, Hyderabad	BS	Nishant Jain	The molecular mechanisms of mutant isocitrate dehydrogenase 1 regulation in cancer	21.10.2019
254	10CC14J18021	Battu Harish	CSIR-IICT, Hyderabad	CS	S. Suresh	Development of N-Heterocyclic carbene (NHC) catalyzed and base mediated novel strategies for the construction of biologically valuable benzo-fused heterocyclic	29.10.2019
255	10CC17J18038	V. Ganga Reddy	CSIR-IICT, Hyderabad	CS	P. Srihari	Design and synthesis of new pyrazoles, N-Methylpicolinamides and podophyllotoxin congeners as potential anticancer agents	31.10.2019
256	10CC17J18031	Irfan Khan	CSIR-IICT, Hyderabad	CS	C. Ganesh Kumar	Design and synthesis of 1,4-dihydro-indenopyrazole, Pyrazole and Propenone conjugates and their biological evaluation as potential anticancer and antimicrobial	05.11.2019
257	10CB12A18056	Achana Panyala	CSIR-IICT, Hyderabad	BS	Paramjit Grover	Comparative toxicological assessment of Yttrium oxide nano and micro particles: An in vitro and in vivo study	07.11.2019
258	10CC16J18014	Tumula Nagaraju	CSIR-IICT, Hyderabad	CS	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-	18.11.2019
259	20EE15J18040	Kranti Kuruti	CSIR-IICT, Hyderabad	ES	A. Gangagni Rao	High rate anaerobic digestion of organic substrates for optimized generation of value added products	26.11.2019
260	10CC14J18020	Gundu Venkateswarlu	CSIR-IICT, Hyderabad	CS	J. Vatsala Rani	Investigation of novel fluorine doped and composite based cathode materials for rechargeable magnesium battery application	10.12.2019
261	10CC15A18014	Sudhakar Reddy Guvvala	CSIR-IICT, Hyderabad	CS	Debendra K. Mohapatra	Total synthesis and structure elucidation of cryptorigidifoliol K, relgro, 10'-Oxorelgrö and lobophopyranone A & B	10.12.2019
262	10BB15J18042	Neelam Sharam	CSIR-IICT, Hyderabad	BS	Rajesh Chandra	Probing the disease modifying role of DJ-1 in the pathophysiology of Parkinson's disease	18.12.2019
263	10BB14J18072	Mallappa Sreevidya	CSIR-IICT, Hyderabad	BS	Srigiridhar Kotamraju	Understanding doxorubicin-induced drug resistance mechanisms in prostate cancer	18.12.2019



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264	32EE14A18003	Reddi Kamesh	CSIR-IICT, Hyderabad	ES	K. Yamuna Rani	Non-linear control strategies based on extended Kalman filter for chemical processes	31.12.2019
265	10CC11J18008	Madhu Madasu	CSIR-IICT, Hyderabad	CS	J.S. Yadav	Total synthesis of okaspirodiol, dronedarone, ambrisentan, cis-arbusculone, (+)-pinnatolide and (+)-ipamolactone	31.12.2019
266	10CC11J18013	Brahma Reddy Byreddy	CSIR-IICT, Hyderabad	CS	J.S. Yadav	Studies towards synthesis of Thailanstatin and novel compounds from Propargyl alcohols	31.12.2019
267	10BB12A37007	Mohd. Saleem Dar	CSIR-IIIM, Jammu	BS	DR. Mohd Jamal Dar	Elucidating the role of beta-catenin terminal regions in its nuclear translocation and regulation of transcription.	07.01.2019
268	10BB12A37011	Paramjeeet Singh	CSIR-IIIM, Jammu	BS	Dr. Mohd Jamal Dar	Analyzing the distinct and overlapping roles of p 110-alpha and p110- beta isoforms of P13K signaling in normal and cancer cells	17.01.2019
269	10BB13J37007	Mohd Ishaq Dar	CSIR-IIIM, Jammu	BS	Sayed Sajad Hussain	Discovery of small molecule inhibitors of phosphodiesterases	31.01.2019
270	10BB12A37001	Sunil Kumar	CSIR-IIIM, Jammu	BS	Inshad Ali Khan	To identify the new antibacterial agents targeting the M. tuberculosis ATP synthase enzyme	13.03.2019
271	10BB12A37021	Vidushi Khajuria	CSIR-IIIM, Jammu	BS	Dr. Zabeer Ahmed	Investigation of the Anti- inflammatory potential of Colebrookea oppositifolia by using in-vitro and in-vivo model	27.03.2019
272	10BB13J37004	Tabasum Mohi Ud Din	CSIR-IIIM, Jammu	BS	Nasheeman Ashraf	Understanding regulatory mechanism of apocarotenoid biosynthesis and transport in Crocus sativus	15.05.2019
273	10BB13J37009	Love Sharma	CSIR-IIIM, Jammu	BS	Dr. Sheikh Tasduq Abdullah	Molecular Mechanisms and Therapeutic Intervention in Metabolic Dyslipidemia-Induced Chronic Liver Damage.	15.05.2019
274	10CC11J37024	Veeranjaneyulu Gannedi	CSIR-IIIM, Jammu	CS	Ram A. Vishwakarma	Total synthesis of phospholipomannan of Candida albicans	11.06.2019

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275	10CC11J37021	Saidulu Dara	CSIR-IIIM, Jammu	CS	Ram A. Vishwakarma	Design and synthesis of fluorescently labeled phosphatidylinositol phosphates and development of new synthetic methodologies	20.06.2019
276	10BB13A37004	Rohini Bhat	CSIR-IIIM, Jammu	BS	Dhiraj Vyas	Biochemical and molecular characterization of glucosinolate - myrosinase system from <i>Lepidium latifolium</i> L.	20.06.2019
277	10BB14J37004	Apalak Arora	CSIR-IIIM, Jammu	BS	Syed Riyaz-ul-Hassan	Culturable fungal endophytes of <i>Glycyrrhiza glabra</i> Linn.: Molecular phylogeny , spatial distribution, bioactive potential and functional characterization	23.07.2019
278	10BB15J37015	Abubakar Wani	CSIR-IIIM, Jammu	BS	Sandip B Bharate	Targeting clearance of beta amyloid through induction of autophagy in Alzheimer's disease	31.07.2019
279	10CC15J37026	Shaista Sultan	CSIR-IIIM, Jammu	CS	Bhahwal Ali Shah	Development of new methodologies based on carbon and nitrogen centered radicals	29.08.2019
280	10BB11A37006	Gayatri Jamwal	CSIR-IIIM, Jammu	BS	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	02.09.2019
281	10BB13J37013	Vishal Sharma	CSIR-IIIM, Jammu	BS	Sudeep Jaglan	Effect of epigenetic modifiers on secondary metabolite production in endophytic fungi of <i>Datura innoxia</i> mill	16.09.2019
282	10CC12A37030	Abhinandan Dilipkumar Hudwekar	CSIR-IIIM, Jammu	CS	Sanghapal D. Sawant	Discovery of PDE4 and PDE5 inhibitors and development of new synthetic methods	21.10.2019
283	10BB15J37001	Jasvinder Singh	CSIR-IIIM, Jammu	BS	Shashank Singh	Development and evaluation of rational chemo-immuno combination of natural product(s) as cancer therapeutics	21.10.2019
284	10BB15J37007	Amrinder Singh	CSIR-IIIM, Jammu	BS	Gurdarshan Singh	Therapeutic potential and mechanistic elucidation of "Rohitukine–an active constituent" of <i>Dysoxylum binecteriferium</i> for alleviating inflammatory/arthritis	01.11.2019
285	10CC15J37021	Nazar Hussain	CSIR-IIIM, Jammu	CS	Debaraj Mukherjee	Development of new methods for C-C bond formation in sugar enol-ethers: Applications in the synthesis of chiral aromatic building blocks	18.11.2019

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286	10BB14A37015	Shilpa Gupta	CSIR-IIIM, Jammu	BS	Zabeer Ahmed	Anti-inflammatory & anti-arthritic studies of Boswellic acid analogues in combination with DMARDs	18.11.2019
287	10CC16J37010	Showkat Rashid	CSIR-IIIM, Jammu	CS	Bilal A. Bhat	Total synthesis of bioactive natural products and molecules of human imagination	26.11.2019
288	10CC15J37024	Atul Kumar	CSIR-IIIM, Jammu	CS	Qazi Naveed Ahmed	$\alpha$ -carbonyl assisted unconventional applications of 2-oxoaldehydes & 2-oxoesters and medicinal chemistry around ciprofloxacin	10.12.2019
289	10CC14A37016	Sudha Shankar	CSIR-IIIM, Jammu	CS	Rajkishor Rai	Conformational studies of $\alpha\beta/\alpha\gamma$ Hybrid Peptides and biological evaluation of natural product–amino acids/peptide conjugates	10.12.2019
290	10BB14A37012	Anjna Sharma	CSIR-IIIM, Jammu	BS	Gurdarshan Singh	Pharmacokinetics and toxicity profiling of substituted aryl alkenoic acid heterocyclic amides as anti-nociceptive and anti-inflammatory agent	10.12.2019
291	10BB13J37011	Sadhana Sharma	CSIR-IIIM, Jammu	BS	Zabeer Ahmed	Modulation of P-Glycoprotein activity to overcome chemoresistance in cancer cells	31.12.2019
292	32EE15A19005	Aditya Rai	CSIR-IIP, Dehradun	ES	Anil Kumar Sinha	Process intensification for production of transportation fuels	13.05.2019
293	10BB15A19005	Lavika Jain	CSIR-IIP, Dehradun	BS	Deepti Agrawal	Production of fungal cellulases for lignocellulosic biomass hydrolysis	24.09.2019
294	10CC14A19001	Hari Singh	CSIR-IIP, Dehradun	CS	Anil Kumar Sinha	Development of novel nanostructured porous nickel catalysts	09.10.2019
295	10BB13A22006	Shripriya Singh	CSIR-IITR, Lucknow	BS	Dr Aditya Bhushan Pant	Detection of organ specific responses against xenobiotics in one go: A stem cell based study	03.01.2019
296	10BB13J22003	Megha Bansal	CSIR-IITR, Lucknow	BS	K.M. Ansari	Evaluation of dermal toxic potential of Alternaria mycotoxin, Alternariol and its detection in commonly consumed edible oils.	08.01.2019

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297	10CC13J22005	Mahaveer Prasad Purohit	CSIR-IITR, Lucknow	CS	Satyakam Patnaik	Development of selenopolymeric nanocomposites for combinatorial cancer therapy	11.06.2019
298	10BB15J22007	Sachin Kumar	CSIR-IITR, Lucknow	BS	P.D. Dwivedi	Allergenicity assessment of Buchanania lanzan (Chironji)	06.08.2019
299	10BB12A22004	Payal Mandal	CSIR-IITR, Lucknow	BS	Anurag Tripathi	Assessment of immunological response in the pathogenesis of argemone oil toxicity	19.08.2019
300	10CC14A22011	Rakesh Roshan Jha	CSIR-IITR, Lucknow	CS	Dr. Devendra Kumar Patel	Development of analytical methods using microextraction techniques for the analysis of multiclass compounds from environmental, biological and food matrices.	19.08.2019
301	10BB14A22005	Smita Kumari	CSIR-IITR, Lucknow	BS	Natesan Manickam	Studies on biodegradation of high molecular weight polycyclic aromatic hydrocarbons by bacteria and characterization of metabolites and genes	29.08.2019
302	10BB13A22009	Rukmani Pandey	CSIR-IITR, Lucknow	BS	Sanghamitra Bandyopadhyay	A study on toxic effect of arsenic in hippocampal neurons of adult rats and the neuroprotective role of estrogen	11.09.2019
303	10BB14A22009	Vivek Kumar Pandey	CSIR-IITR, Lucknow	BS	Poonam Kakkar	Redox homeostasis and associated molecular signaling events in ER stress during hyperglycemic hepatotoxicity	24.09.2019
304	10BB14J22002	Chetan Singh Rajpurohit	CSIR-IITR, Lucknow	BS	Aditya Bhushan Pant	Application of human iPSCs in deciphering the molecular insights of amyotrophic lateral sclerosis and its association with early developmental stage	21.10.2019
305	10BB13A22010	Himanshu Pawankumar Gupta	CSIR-IITR, Lucknow	BS	Ravi Ram Kristipati	Drosophila based studies towards understanding the link between xenobiotics exposure and diabetes	10.12.2019
306	10PP13J36007	Smrutirekha Swain	CSIR-IMMT, Bhubaneswar	PS	Yatendra S. Chaudhary	Synthesis of inexpensive hybrid nanomaterials for their application in photoelectrochemical water splitting	17.01.2019
307	10CC13A36019	Ayonbala Baral	CSIR-IMMT, Bhubaneswar	CS	M.K. Ghosh	Synthesis and Characterization of nano MnO <sub>2</sub> and its composites for multifunctional applications	05.02.2019

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308	10BB12A36005	Madhabi Madhusmita Bhanjadeo	CSIR-IMMT, Bhubaneswar	BS	Umakanta Subudhi	Lanthanide mediated B-to-Z transition in self-assembled branched DNA: A biophysical study	06.03.2019
309	32EE12J36007	Priyanka Rajput	CSIR-IMMT, Bhubaneswar	ES	B.K Mishra	Production of iron, nickel and ferronickel by low temperature hydrogen plasma	13.05.2019
310	20PE15A36002	Sandhya Kumari	CSIR-IMMT, Bhubaneswar	ES	S.K Pradhan	Development of nanostructured graphene based composite coating for anti-corrosion applications	20.06.2019
311	20EE12A36002	Jacintha Esther	CSIR-IMMT, Bhubaneswar	ES	Dr. N. Pradhan	Application of Dissimilatory Iron Reducing Bacteria for Recovery of Nickel from Chromite overburden of Sukinda	26.06.2019
312	10CC13J36005	Soumya Mukherjee	CSIR-IMMT, Bhubaneswar	CS	anjib Das	Synthesis of nanoporous organic and metal-organic polymer based adsorbents for gas storage/separation and environmental remediation	23.08.2019
313	10CC14J36002	Alaka Samal	CSIR-IMMT, Bhubaneswar	CS	Dipti P. Das	Visible light responsive applications of metal phosphate based graphene composites towards dye degradation and hydrogen generation	16.09.2019
314	10CC13A36017	Debajani Mallick	CSIR-IMMT, Bhubaneswar	CS	Bamaprasad Bag	Design and synthesis of rhodamine derivatives as chemosensors for ionic species	24.09.2019
315	10CC12A36012	Monojit Das	CSIR-IMMT, Bhubaneswar	CS	S. Das	Design and synthesis of efficient nano-porous organic polymers for gas storage and environmental contaminant removal	18.12.2019
316	10CC14J36006	Sushanta Kumar Das	CSIR-IMMT, Bhubaneswar	CS	Bikash Kumar Jena	Metal/metal oxides-graphene hybrid nanostructures for fuel cell application	18.12.2019
317	10CC13A36016	Swagatika Kamila	CSIR-IMMT, Bhubaneswar	CS	Bikash Kumar Jena	Graphene/pseudocapacitive hybrid materials for electrochemical energy storage application	31.12.2019
318	10BB12A20002	Anurag Passi	CSIR-IMTECH, Chandigarh	BS	Dr. Anshu Bhardwaj	Drug Repurposing for Tuberculosis using Network Pharmacology and Pharmacogenomics	05.04.2019

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319	10BB15A20002	Naveen Thakur	CSIR-IMTECH, Chandigarh	BS	Dr. Ashwani Kumar	Molecular Characterization of Mycobacterial Flavo-hemoglobins	22.08.2019
320	10BB12A25012	Yuvraj Indoliya	CSIR-NBRI, Lucknow	BS	Debasis Chakrabarty	Comparative analysis of molecular network regulating somatic embryogenesis in rice ( <i>Oryza sativa</i> L.) subspecies japonica and indica	25.03.2019
321	10BB12J25001	Neelam	CSIR-NBRI, Lucknow	BS	Dr. Debasis Chakrabarty	Genome-wide identification and characterization of rice Class I Metallothionein gene family	25.03.2019
322	10BB12J25014	Chitra Bhatia	CSIR-NBRI, Lucknow	BS	Dr. Prabodh Kumar Trivedi	Molecular basis of light-regulated flavonol biosynthesis in <i>Arabidopsis thaliana</i>	27.03.2019
323	10BB12J25013	Babita	CSIR-NBRI	BS	Dr. Samir V. Sawant	Exploring the role of allelic epigenetic modifications and physical interactions responsible for heterosis in <i>Arabidopsis thaliana</i>	10.04.2019
324	10BB13J25003	Shatrujeet Pandey	CSIR-NBRI, Lucknow	BS	Pratibha Misra	Molecular analysis of prickless mutant to identify potential gene network regulating prick development in <i>Solanum viarum</i> Dunal	22.04.2019
325	10BB12A25006	Ashmita Tandon	CSIR-NBRI, Lucknow	BS	Poonam C. Singh	Prospecting organic amendments for sodic soil reclamation	03.06.2019
326	10BB14J25004	Ila Shukla	CSIR-NBRI, Lucknow	BS	Ch V Rao	Phytopharmacological investigation of selected lichens in alcohol liver disease	19.08.2019
327	10BB12A25001	Akanksha Singh	CSIR-NBRI, Lucknow	BS	Dr. Sribash Roy	Phenotypic Diversity and Transgenerational DNA Methylation Patterns of Indian <i>Arabidopsis thaliana</i> Populations Originated from the Altitudinal Gradient	29.08.2019
328	10BB13A25002	Surjeet Kumar Arya	CSIR-NBRI, Lucknow	BS	Praveen C. Verma	Transcriptome based screening of putative RNAi targets for mealybug ( <i>Phenacoccus solenopsis</i> ) and their functional validation	11.09.2019
329	10BB16J25002	Sankalp Misra	CSIR-NBRI, Lucknow	BS	Puneet Singh Chawhan	Characterization of salt tolerant plant growth promoting rhizobacteria from different agro-climatic zones of Uttar Pradesh	09.10.2019

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330	10BB13A25003	Garima Pathak	CSIR-NBRI, Lucknow	BS	Vidhu A. Sane	Identification and characterisation of aroma related genes in mango ( <i>Mangifera indica</i> L.)	26.11.2019
331	10BB13J25004	Parneeta Mishra	CSIR-NBRI, Lucknow	BS	Sribash Roy	Studies on the role of microRNA775 in growth and development of <i>Arabidopsis thaliana</i>	10.12.2019
332	10BB14A25004	Rashmi Raj	CSIR-NBRI, Lucknow	BS	Puneet S. Chauhan	Characterization of potyvirus isolates infecting <i>Narcissus tazetta</i> and their possible management	31.12.2019
333	10CC15J26004	Vinod Landge	CSIR-NCL, Pune	CS	Ekambaram Balaraman	Transition-metal catalysed C-H bond alkynylation	03.01.2019
334	10CC15J26029	Suwendu Karak	CSIR-NCL, Pune	CS	Rahul Banerjee	Ultraporous covalent organic frameworks as dehumidifiers and pollutant removers	03.01.2019
335	10CC13J26028	Ekta Sangtani	CSIR-NCL, Pune	CS	R.G. Gonnade	Pharmaceutical cocrystals and polymorphs: Preparation, characterization and structural analysis	18.01.2019
336	10BB12A26061	Ameya Bendre	CSIR-NCL, Pune	BS	25.04.2018	Structural and functional characterization of kunitz inhibitor from <i>Cicer arietinum</i> L.	18.01.2019
337	10CC14J26011	Sarabjot Kaur Makkad	CSIR-NCL, Pune	CS	Asha S.K	Functionalized fluorescent polystyrene nanobeads for sensing and bioimaging applications	31.01.2019
338	20EE13A26046	Karthika S	CSIR-NCL, Pune	ES	K. Guruswamy	Structure and properties of ice templated macroporous particle-polymer hybrid assemblies	31.01.2019
339	10CC13A26002	Pradip Bagle	CSIR-NCL, Pune	CS	Nitin T. Patil	Development of carbon-carbon and carbon-heteroatom bond-forming reactions via gold and gold/silver cooperative catalysis	19.02.2019
340	10CC15J26026	Nilesh Tangale	CSIR-NCL, Pune	CS	P.L. Dhepe	Zeolite based micro-mesoporous composites: Synthesis, characterization and catalytic performance as heterogeneous catalyst for valorization of sugar	28.02.2019

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341	10CC12A26031	Dharmeshkumar Parmar	CSIR-NCL, Pune	CS	V. Panchagnula	High resolution mass spectrometry based quantification in metabolomics	28.02.2019
342	10CC14J26005	Popat Shinde	CSIR-NCL, Pune	CS	Nitin T. Patil	Gold and bronsted acid catalyzed reactions for the synthesis of benzoquinolines, fused quinolizinones and arylalkynyl sulfones	28.02.2019
343	10CC13A26011	Manojkumar Kalshetti	CSIR-NCL, Pune	CS	N.P Argade	Studies on total synthesis of bioactive indole alkaloids subincanadine A-G	05.03.2019
344	10CC13A26017	Balasaheb Javale	CSIR-NCL, Pune	cs	Anil K Kinage	Synthesis of amino acid amide based ionic liquids: Their utilization in asymmetric transfer hydrogenation	05.03.2019
345	10BB12J26032	Mayoreshwar P. Rajankar	CSIR-NCL, Pune	BS	Dr. ANU RAGHUNATH AN	Rational Strain Design for Value Added Products: A Systems Metabolic Engineering and Synthetic Biology Approach	07.03.2019
346	10CC12A26048	Dnyaneshwar Nilkanth Garad	CSIR-NCL, Pune	CS	Dr. Santosh. B. Mhaske	Development of Nitrogen Directed C-H Activation Protocols for the Synthesis of Natural Products, Drugs and New Scaffolds	11.03.2019
347	20EE13A26047	Amarvir Chilka	CSIR-NCL, Pune	ES	Vivek V. Ranade	Modeling of drying of almonds: A multi-scale approach	14.03.2019
348	20EE13J26044	Ajinkya Pandit	CSIR-NCL, Pune	ES	A.W Patwardhan	Modeling of Crystallization processes: Batch to continuous	27.03.2019
349	10CC14A26018	Arjun Haldar	CSIR-NCL, Pune	CS	Rahul Banerjee	Modular construction of ultra-stable, porous, crystalline covalent organic frameworks: Membrane based water purification and energy storage	27.03.2019
350	10CC14A26019	Saibal Bera	CSIR-NCL, Pune	CS	Rahul Banerjee	Supramolecular porous organic and metal organic soft materials: Concept, construction and properties	27.03.2019
351	10CC13J26021	Avinash Ghanate	CSIR-NCL, Pune	CS	V. Panchagnula	High-throughput analysis tools for mass spectrometry based data quantitation	27.03.2019



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352	10CC13A26014	MANO KUMAR GHOSALYA	CSIR-NCL, Pune	CS	C.S Gopinath	Gas-Solid Surface Interaction with Reactive and Less Reactive Gases: A Near Ambient Pressure Photoelectron Spectroscopy Study	30.03.2019
353	10CC14A26002	Mohitosh Bhadra	CSIR-NCL, Pune	CS	Rahul Banerjee	Chemically stable nitrogenous porous crystalline covalent organic frameworks for heterogeneous catalysis	30.03.2019
354	10BB13J26033	Gajanan Tukaram Mehetre	CSIR-NCL, Pune	BS	M.S Dharme	Microbial ecology, diversity and biochemical potential within basaltic Indian hot spring	05.04.2019
355	10CC12A26042	Smita Nande	CSIR-NCL, Pune	CS	B. Garnaik	Synthesis of poly (aleuritic acid) for biomedical and styrene-divinylbenzene copolymer for environmental applications	06.04.2019
356	10CC15J26013	Tony Roy	CSIR-NCL, Pune	CS	A.T Biju	Employing arynes in multicomponent reactions and rearrangements triggered by nitrogen nucleophiles	06.04.2019
357	10CC11A26041	Mr. Pravin Narayan Shinde	CSIR-NCL, pUNE	CS	B.L.V Prasad	Synthesis of metal oxide, core-shell nanoparticles, Their surface modifications and applications	06.04.2019
358	10CC13J26007	Durgaprasad Shinde	CSIR-NCL, Pune	CS	Prakash P. Wadgaonkar	Design, synthesis and evaluation of solution processable small organic molecules for applications in organic electronics	06.04.2019
359	10BB14A26047	Patil Amrita Maruti	CSIR-NCL, Pune	BS	Dhanasekaran Shanmugam	Strategies for impeding quorum sensing in bacteria: Basic and applied aspects	10.04.2019
360	10BB12J26031	Reema Banerjee	CSIR-NCL, Pune	BS	Mahesh J Kulkarni	Modulation of endothelial cell signalling by chemically modified proteins	10.04.2019
361	10CC13A26013	Gorakhnath Rajaram Jachak	CSIR-NCL, pUNE	CS	Dr. D. Srinivasa Reddy	Total Synthesis of Revised Structure of Potent Anti-inflammatory Natural Product Solomonamides and Related Studies and Design, Synthesis and Biological	22.04.2019
362	10CC11J26026	Pronnoy Govind Bangar	CSIR-NCL, Pune	CS	Dr. Suresh Iyer	Visible light photocatalysis - A greener approach towards Mizoroki-Heck reaction & variables in Mizoroki-Heck reaction of mono & disubstituted olefins.	22.04.2019

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363	10BB13A26041	Saikat Chowdhury	CSIR-NCL, Pune	BS	Ram Rup Sarkar	Understanding complexities in biochemical pathways related to human diseases - A computational and mathematical approach	29.04.2019
364	10CC14J26013	Siba Prasad Midya	CSIR-NCL, Pune	CS	E. Balaraman	Transition metal catalyzed (de)hydrogenative C-C and C-N bond formation	02.05.2019
365	20EE12A26078	Akshay Singan	CSIR-NCL, Pune	ES	Vivek V Ranade	Reactions and Transport Processes in Underground Coal Gasification	07.05.2019
366	10CC12A26023	Jyoti Mahajan	CSIR-NCL, Pune	CS	Santosh B. Mhaske	Synthesis of marinoquinoline A, aplidiopsamine A, chlorizidine A and their congeners for structure-activity relationship studies	07.05.2019
367	10CC14J26004	K. Prabhakar Reddy	CSIR-NCL, Pune	CS	C.S. Gopinath	Exploration of catalysts and catalysis under near working conditions	13.05.2019
368	10CC14J26015	VARCHASWAL KASHYAP	CSIR-NCL, Pune	CS	Dr.Sreekumar Kurungot	High-performance Pt-free Oxygen Reduction Reaction Electrocatalysts Derived from Carbon Supported Spinel Cobalt Ferrite and Co/Fe-Nitrogen Coordinated Active	13.05.2019
369	10CC13J26010	Ulhas Nitin Patel	CSIR-NCL, Pune	CS	Dr. Benudhar Punji	Catalytic C-H Functionalization of Azoles using N-Ligated Nickel Complexes and their Mechanistic Studies	13.05.2019
370	10CC13A26026	Harshal Chaudhari	CSIR-NCL, Pune	CS	Ulhas K Kharul	Investigations of polybenzimidazole (PBI) based membranes for PEMFC and niche separation applications	13.05.2019
371	10CC13A26025	Yogita	CSIR-NCL, Pune	CS	Dr. C. P. Vinod	New Formulation for Noble Metal (Au, Pd) Supported Metal Oxides and Their Catalytic Applications.	15.05.2019
372	10BB12J26028	Meghana Athalye	CSIR-NCL, Pune	BS	Dhiman Sarkar	Biochemical studies on reactive oxygen species in Mycobacteria and its physiological role during infection	22.05.2019
373	10BB15A26040	Darne Priti Anand	CSIR-NCL, Pune	BS	Narendra Kadoo	Sophorolipid assisted enhanced solubility of hydrophobic biomolecules and development of nano-carriers as advanced drug delivery systems	22.05.2019

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374	10CC12A26011	Eswara Kumar Aratikatla	CSIR-NCL, Pune	CS	Asish K. Bhattacharya	Design and synthesis of artemisinin-dipeptidyl vinyl phosphonate hybrid molecules as novel antimalarial agents; Synthesis of biologically active molecules and	22.05.2019
375	10BB13J26039	Meenakshi Anil Belekar	CSIR-NCL, Pune	BS	Dhanasekran Shanmugam	Pharmacological and genetic studies on delayed death inhibitors of apicomplexan parasites	28.05.2019
376	10CC14A26025	Sandeep	CSIR-NCL, Pune	CS	Sakya Singha Sen	Preparation of well-defined alkaline earth metal complexes and their applications in molecular catalysis	11.06.2019
377	10CC15A26023	Chetana Patil	CSIR-NCL, Pune	CS	C.V. Rode	Development of solid acids for catalytic transformation of lignocellulose derived molecules to value added products	11.06.2019
378	10BB13J26030	Rahul Salunke	CSIR-NCL, Pune	BS	Dhanasekaran Shanmugam	Dissecting the subunit composition, Structure and evolution of the highly diverged mitochondrial F-type ATP Synthase complex from Toxoplasma gondii	11.06.2019
379	10CC11A26023	Suman Kumari Jhajharia	CSIR-NCL, Pune	CS	Dr. K. Selvaraj	Nanoscale physicochemical modifications on graphene for enhanced energy applications	20.06.2019
380	10BB13A26032	Yashpal Yadav	CSIR-NCL, Pune	BS	Pundle A. V	Biochemical and structural analysis of bile salt hydrolases from gut microbiome and their In vivo efficacy studies for biotherapeutic applications	08.07.2019
381	10BB13J26035	Nidhi Saikhedekar	CSIR-NCL, Pune	BS	Dr. Ashok P. Giri	Peptides for inhibition of insect proteases	08.07.2019
382	10CC13J26003	Dilip Kumar Rao	CSIR-NCL, Pune	CS	Dr. Benudhar Punji	Nickel and Palladium Complexes for C-H Functionalizations of Heteroarenes: Synthesis, Scope and Mechanistic Aspects	15.07.2019
383	10BB12A26068	Aarthy T	CSIR-NCL, Pune	BS	H.V. Thulasiram	Limonoid Biosynthesis in Azadirachta indica: Characterization of pathway genes and analysis of labeled metabolites through stable isotope feeding	23.07.2019
384	20EE13A26049	Dhanjay Mote	CSIR-NCL, Pune	ES	V.V. Ranade	Reaction engineering of urea alcoholysis: Case of dialkyl carbonates	23.07.2019

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385	10CC14A26023	V. S. V. S. N. Swamy	CSIR-NCL, Pune	CS	Dr. Sakya Singha Sen	Synthesis, Reactivity, and Catalytic Applications of Compounds with Heavier Group 14 Elements in Usual and Low Oxidation State	23.07.2019
386	10CC14J26006	Poulomi Sengupta	CSIR-NCL, Pune	CS	B.L.V. Prasad	Nanoparticle-mediated surface modification of hydrophobic polymeric films/scaffolds, and their application towards tissue engineering	31.07.2019
387	10CC13A26008	Ragini Awachat	CSIR-NCL, Pune	CS	Vaijayanti A. Kumar	Synthesis of unimolecular G-quadruplex based on 2'-OME DNA and GNA modifications in the loop region and multimolecular PNA G-quadruplexes and their functional	31.07.2019
388	10CC12A26030	Shahaji Gaikwad	CSIR-NCL, Pune	CS	Samir H. Chikkali	Late transition metal catalyzed insertion copolymerization of 1,1-disubstituted difunctional polar monomers with ethylene: Synthesis, reactivity and implications	19.08.2019
389	20EE13A26051	Nalinee Suryawanshi	CSIR-NCL, Pune	ES	Vinay M. Bhandari	Studies in desulfurization of transportation fuels	19.08.2019
390	10CC14A26029	Indraweep Chakrabarty	CSIR-NCL, Pune	CS	Nitin T. Patil	Catalytic approaches to biaryls and pyrrole/indole-based heterocycles via metal catalysis, Merged metal/metal and organo/metal catalysis	02.09.2019
391	20EE14A26052	Aniket Thosar	CSIR-NCL, Pune	ES	Chetan Gadgil	PEM fuel cells: Analytical modelling and experimental validation	11.09.2019
392	10CC16A26007	Bhausahab Rajput	CSIR-NCL, Pune	CS	Samir H. Chikkali	Isohexide and plant oil based renewable and degradable polymers	16.09.2019
393	10CC15J26027	Jagannath Rana	CSIR-NCL, Pune	CS	E. Balaraman	Earth-abundant metal catalyzed C-N bond activation of amides and alkylation reactions using alcohols	16.09.2019
394	20EE12A26076	Jaydeep Deshpande	CSIR-NCL, Pune	ES	Amol Kulkarni	Process design & scale-up of silver nanomaterial synthesis	17.09.2019
395	10BB13A26036	Vijay Rajput	CSIR-NCL, Pune	BS	M. Karthikeyan	The comparative structural and functional studies of acid ceramidase and acid ceramidase-like proteins using biophysical and computational techniques	24.09.2019

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396	10BB13A26033	Deepanjan Ghosh	CSIR-NCL, Pune	BS	V. Koteswara Rao	Structural and biochemical investigation of tat components	24.09.2019
397	10PP14A26050	T. Shrikanth Reddy	CSIR-NCL, Pune	PS	Arup Kumar Rath	Improving device performance of PbS quantum dot solar cells using inorganic hole transport layers	12.10.2019
398	10BB13J26036	Rahul Mawlankar	CSIR-NCL, Pune	BS	Syed G. Dastager	Polyphasic systematics of marine bacteria and their alpha-glucosidase inhibitor activity	15.10.2019
399	10CC16J26008	Shridhar Thorat	CSIR-NCL, Pune	CS	R.G. Gonnade	Investigations on polymorphs, cocrystals/salts of active pharmaceutical ingredients for physicochemical property enhancement	21.10.2019
400	10CC14A26005	Subrata Mukherjee	CSIR-NCL, Pune	CS	Udayakiran Marelli	N-Heterocyclic carbene-catalyzed selective synthesis of functionalized lactones and related chemistry	21.10.2019
401	10CC13A26005	Nilesh Mote	CSIR-NCL, Pune	CS	Samir H. Chikkali	Classical bidentate versus supramolecular ligands in ethylene polymerization	29.10.2019
402	10BB13J26038	Deepika Somani	CSIR-NCL, Pune	BS	Narendra Kadoo	Exploring wheat-Bipolaris sorokiniana interaction during spot blotch disease	1.11.2019
403	10BC14A26038	Amit Kumawat	CSIR-NCL, Pune	CS	Kumar Vanka	Molecular thermodynamic view of biomolecular signalling: Allostery and protein-protein interactions	18.11.2019
404	10CC13A26016	Pralhad Burute	CSIR-NCL, Pune	CS	Burate Pralhad Arjun	Carbon-carbon bond forming reactions using organocatalysts	26.11.2019
405	10CC13J26004	Satej Deshmukh	CSIR-NCL, Pune	CS	Samir Chikkali	Synthesis of imine, phosphinite ligands and applications in catalysis	26.11.2019
406	10CC14A26015	Manjur Akram	CSIR-NCL, Pune	CS	Manjur Oyasim Akram	Cross-coupling reactions via gold and merged gold/photoredox catalysis	26.11.2019

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407	10CC14J26016	Vidya Gunjal	CSIR-NCL, Pune	CS	Srinivasa Reddy	Studies toward bio-active macrocyclic peptides: Teixobactin, pseudoxylallemycin B, arthroamide and fusaristatin C.	26.11.2019
408	10CC15A26030	Abdul Khayum	CSIR-NCL, Pune	CS	Ulhas K Kharul	The macroscopic architecture of covalent organic frameworks for storage and purification	10.12.2019
409	10CC13A26019	Sneha Menon	CSIR-NCL, Pune	CS	Nayana Vaval	Triggers for protein conformational changes and self-assembly probed with fully atomistic computer simulations	10.12.2019
410	20EE14A26051	Aakash Sharma	CSIR-NCL, Pune	ES	Guruswamy Kumaraswamy	Relating the properties of cellulose fibers to structure	10.12.2019
411	10BB13A26042	Sandholu Anandsukeerthi	CSIR-NCL, Pune	BS	Kiran Kulkarni	Structural and functional studies on novel oxidoreductases specific to steroids and isoprenoids reduction	18.12.2019
412	10CC14J26007	Pranab Deb	CSIR-NCL, Pune	CS	Sayan Bagchi	Electrostatics and dynamics in molecular functions: A spectroscopic approach	31.12.2019
413	10CC13J26018	Shaikh Samir Rashid	CSIR-NCL, Pune	CS	Rajesh G. Gonnade	Investigation of molecular conformation of aromatic sulfonamide and sulfoester derivatives and effect of substituents on $\pi$ -stacking interactions	31.12.2019
414	10PP13J27005	Preeti Shrivastava	CSIR-NEERI, Nagpur	PS	Tapan Chakrabarti	Determination of toxicity and endocrine disruptive properties of water contaminants using in vitro and in vivo models	22.05.2019
415	10PP13J27004	Pinky Taneja	CSIR-NEERI, Nagpur	PS	Pawan Labhsetwar	Nitrate contamination of groundwater: Study on health effects and effective removal	23.07.2019
416	10PP13J27002	Rohini Khobragade	CSIR-NEERI, Nagpur	PS	Nitin K. Labhsetwar	Study of substituted and promoted mixed oxide type materials for catalytic diesel soot oxidation	23.07.2019
417	10PP13J27006	Richa Agrawal	CSIR-NEERI, Nagpur	PS	R.A. Pandey	Production of itaconic acid from starch-rich waste through biotechnological route	01.08.2019

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418	10PP14J27003	Smita Pal	CSIR-NEERI, Nagpur	PS	Asifa Qureshi	Exploring biofouling of membranes used in water treatment system	01.08.2019
419	10CC15A38023	Chandrasekhar Dangeti	CSIR-NEIST, Jorhat	CS	R.A Maurya	Visible light driven photochemical construction of fused indole frameworks	10.01.2019
420	10CC14A38002	Rashmi Prakash	CSIR-NEIST, Jorhat	CS	S Gogoi	Exploration of C-H activation and decarbonylative functionalization reactions for the synthesis of N- and O-containing heterocycles	21.02.2019
421	10CC14A38009	Manash Protim Hazarika	CSIR-NEIST, Jorhat	CS	Archana Moni Das	Studies on synthesis of nanocomposites using biopolymers and some organic functionalization reactions	11.03.2019
422	10CC14A38004	Swagata Baruah	CSIR-NEIST, Jorhat	CS	S Gogoi	CSIR- North East Institute of Science and Technology, Jorhat	30.03.2019
423	10CC15J38002	Jyotilima Saikia	CSIR-NEIST, Jorhat	CS	Dr BK Saikia	Investigation of atmospheric aerosols around coal-based industries: source apportionment, distribution correlation and risk assessment	22.05.2019
424	10CC14J38001	Gitashree Darabdhara	CSIR-NEIST, Jorhat	CS	MR Das	Reduced graphene oxide sheets decorated with bimetallic nanoparticles: Synthesis, characterization and their applications	16.07.2019
425	10CC15J38005	Pinky Saikia	CSIR-NEIST, Jorhat	CS	Dr RL Goswamee	Synthesis and application of some LDH based composites for the treatment of some toxic and green house gases	06.08.2019
426	10BB13A38001	Nilakshi Kakati	CSIR-NEIST, Jorhat	BS	D Kalita	Study on pineapple leaf fiber reinforced green composites based on thermoset polymers	02.09.2019
427	10CC16J38001	Jitu Saikia	CSIR-NEIST, Jorhat	CS	RL Goswamee	Synthesis and coating of nano particle loaded carbon on ceramic barriers prepared from local resources for treatment of contaminated water	10.12.2019
428	10BB15J38007	Kabita Gagoi	CSIR-NEIST, Jorhat	BS	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	31.12.2019

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429	10PP13J28001	Soumya Shukla	CSIR-NGRI, Hyderabad	PS	M. Ram Mohan	Petrogenetic characterisation of nalgonda granitoids, eastern dharwar craton	22.05.2019
430	10PP13J28006	Ajay Malkoti	CSIR-NGRI, Hyderabad	PS	Nimisha Vedanti	An accurate and efficient viscoelastic seismic modelling scheme: An example from DVP, India	22.05.2019
431	10PP13A28001	Sasi Kumar Reddy	CSIR-NGRI, Hyderabad	PS	Durbha Sai Ramesh	Stochastic Modeling of Earthquake Occurrences Affected by Transients	17.07.2019
432	10PP14A28003	Priyadarshi Chinmoy Kumar	CSIR-NGRI, Hyderabad	PS	Kalachand Sain	A novel approach for enhanced interpretation of 3D seismic data using meta-attributes: Examples from taranaki basin, off New Zealand	24.09.2019
433	10PP12A28009	Harika	CSIR-NGRI, Hyderabad	PS	V M Tiwari	Terrestrial water storage variability over Indian sub-continent from space borne observations	18.12.2019
434	10CC12J39001	Rakhi R	CSIR-NIIST, Thiruvananthapuram	CS	C.H. Suresh	DFT studies on ground and excited state properties of linear polyacene analogues and polycyclic aromatic hydrocarbons	30.01.2019
435	10CC14J39001	Anjali B.	CSIR-NIIST, Thiruvananthapuram	CS	C.H. Suresh	Predicting activation barrier, reduction potential and fluorescence using molecular electrostatic potential: Organic and organometallic systems	21.02.2019
436	10BB13A39011	Shilpa G	CSIR-NIIST, Thiruvananthapuram	BS	Priya S.	In vitro anticancer activity studies of diindolylmethane (DIM) conjugate of biaryls in human cervical and breast cancer cells	30.04.2019
437	10CC12A39013	Athira Krishna	CSIR-NIIST, Thiruvananthapuram	CS	Dr. R. Luxmi Varma	Design, synthesis, photophysical and electroluminescence studies of triphenylamine and carbazole derivatives	13.05.2019
438	10CC14J39005	Molji C.	CSIR-NIIST, Thiruvananthapuram	CS	K.N. Narayanan Unni	Studies on the preparation and device applications of self-assembled conjugated polymer nanocomposites	22.05.2019
439	10CC14J39002	Fathimath Salfeena C T	CSIR-NIIST, Thiruvananthapuram	CS	B.S. Sasidhar	Lewis acid catalysed transformations of chalcones: Synthesis of biologically and industrially relevant heterocyclic compounds	11.06.2019



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440	10CC13A39005	Tanwistha Ghosh	CSIR-NIIST, Thiruvananthapuram	CS	C. Vijayakumar	Thiophene oligomers for photovoltaic applications: Synthesis, self-assembly and optoelectronic properties	11.06.2019
441	10CC12A39004	S. Maniganda	CSIR-NIIST, Thiruvananthapuram	CS	Kaustabh Kumar Maiti	Design, Synthesis and biological evaluation of synthetic and nanocarrier delivery system for targeted cancer therapy	11.06.2019
442	10BB14A39006	Narisetty Vivek	CSIR-NIIST, Thiruvananthapuram	BS	Binod Parameswara n	Development of a bioprocess for microbial production of 1,3-propanediol from biodiesel derived crude glycerol	26.06.2019
443	10BB13A39009	Anju Alphonsa Jose	CSIR-NIIST, Thiruvananthapuram	BS	Binod Parameswara n	Process development for the production of microbial poly gamma glutamic acid and its applications	26.06.2019
444	10BB14A39007	Sithara Thomas	CSIR-NIIST, Thiruvananthapuram	CS	P. Nisha	Anticancer properties of selected phytochemicals against colorectal cancer	16.07.2019
445	10PP15A39012	A. Aashish	CSIR-NIIST, Thiruvananthapuram	PS	U.S Hareesh	Design and development of hybrid conductive nanostructured electrodes: A new paradigm for smart flexible electronics	16.07.2019
446	10CC12A39012	Dijith K. S	CSIR-NIIST, Thiruvananthapuram	CS	K.P. Surendran	Novel EMI shielding strategies for hybrid functional structures	31.07.2019
447	10PP14J39013	Anjaly Soman	CSIR-NIIST, Thiruvananthapuram	PS	K.N. Narayanan Unni	Optoelectronic properties of fluorescent organic light emitting diodes: Role of device engineering	11.09.2019
448	10CC14J39003	Jamsheena	CSIR-NIIST, Thiruvananthapuram	CS	L. Ravishankar	Design, synthesis and application of 1,2-dihydropyridines, dibenzoxazepines and diindolylmethanes	21.10.2019
449	10CC14J39017	Jerin K. Pancrecios	CSIR-NIIST, Thiruvananthapuram	CS	T.P.D. Rajan	Synthesis and characterization of multifunctional metallic and polymer composite coatings on light alloys	29.10.2019
450	10PP12A39017	Aiswarya R.	CSIR-NIIST, Thiruvananthapuram	PS	K.P. Surendran	Functional material inks for printed electronics	26.11.2019

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451	10CC15A39007	Ulaeto Sara Bill	CSIR-NIIST, Thiruvananthapuram	CS	T.P.D. Rajan	Development of smart anticorrosion coatings from biomass extracts	10.12.2019
452	20EE14A39012	Akshay V. R.	CSIR-NIIST, Thiruvananthapuram	ES	M. Vasundhara	Bottom-up nano-engineering of some functional semiconducting materials for thermoelectrics and spintronics applications	18.12.2019
453	10PP13A39012	Sudakshina B	CSIR-NIIST, Thiruvananthapuram	PS	M. Vasundhara	Studies on structural, magnetic and electrical transport behavior of Nd-based magnetoresistive mixed valent manganites	18.12.2019
454	10PP11A29002	Sangeeta Naik	CSIR-NIO, Goa	PS	A.C. Anil	Response of <i>Tetraselmis indica</i> to various environmental conditions	31.01.2019
455	10PP11A29003	Tresa Remya	CSIR-NIO, Goa	PS	Maria Judith Gonsalves	Abundance, diversity and activity of chemoautotrophs associated with mangrove sediment and mollusc <i>Polymesoda erosa</i>	05.03.2019
456	10PP13J29004	Jishad M	CSIR-NIO, Goa	PS	Dr. Jaya Kumar Seelam	Hydrodynamics of surfzone waves in meso-tidal regimes – Measurement and Modelling off central west coast of India.	05.03.2019
457	10PP12A29002	Sherin C K	CSIR-NIO, Goa	PS	V.V.S.S. Sarma	Variability in efficiency of biological pump in the India ocean using stable isotopes of carbon and nitrogen	29.04.2019
458	10PP12A29001	Deodatta Gajbhiye	CSIR-NIO, Goa	PS	Lidita Khandeparker	Immune response in a bivalve <i>Paphia malabarica</i> (Chemnitz 1782) from a tropical estuary	21.05.2019
459	10PP12A29005	Vineet Jain	CSIR-NIO, Goa	PS	D. Shankar	Role of the circulation and dynamical processes in determining salinity and sea-surface temperature in the Bay of Bengal	17.07.2019
460	10PP12A29004	Soumya Mukhopadhyay	CSIR-NIO, Goa	PS	D. Shankar	Observed variability of the east India coastal current on the continental slope and shelf during 2009-2018	17.07.2019
461	10PP13J29005	Pankaj Kumar	CSIR-NIO, Goa	PS	A.K. Chaubey	Extension of flood basalt on northwestern continental margin of India	31.07.2019

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462	10PP13A29008	Syed Mohammad Saalim	CSIR-NIO, Goa	PS	Rajeev Saraswat	Distribution and ecology of foraminifera off Puri-Visakhapatnam sector east coast of India and it's paleoclimatic implications	31.07.2019
463	10PP13A29002	Akhil Mishra	CSIR-NIO, Goa	PS	Anil K. Chaubey	Laxmi and Laccadive ridges in the Eastern Arabian Sea: Crustal structure, tectonics and their inter-relationship	22.08.2019
464	10PP13J29006	Azraj Dahihande	CSIR-NIO, Goa	PS	Dr. Narsinh Thakur	Sponge pumping and facilitation capacity: Influence of morphology and environmental factors	22.05.2019
465	20EE14A31001	Rajesh Kumar Rai	CSIR-NML, Jamshedpur	ES	J.K Sahu	Micro-mechanisms of high temperature deformation of a directionally solidified nickel base superalloy	10.04.2019
466	20EE13A31001	Rima Dey	CSIR-NML, Jamshedpur	ES	S. Tarafder	Multiaxial cyclic deformation in 304LN stainless steel	23.07.2019
467	10PP13A32005	Shibin Krishnan TC	CSIR-NPL, New Delhi	PS	Govind	Design and fabrication of optoelectronic devices based on III-Nitride semiconductors	03.01.2019
468	10PP11J32011	Neha Yadav	CSIR-NPL, New Delhi	PS	Chhemendra Sharma	Study of characterization of urban heat island in delhi	17.01.2019
469	20EE14A32024	Nagendra Singh Chauhan	CSIR-NPL, New Delhi	ES	Sivaiah Bathula	Synthesis and characterization of novel half-heusler based thermoelectric materials for power generation	21.01.2019
470	10PP14A32007	Ashima Sharma	CSIR-NPL, New Delhi	PS	T.K. Mandal	Study on the relationship of surface ozone with its precursors and meteorology over Delhi, India	22.01.2019
471	10PP15J32009	Monu Mishra	CSIR-NPL, New Delhi	PS	Govind	Surface and interface studies of III-Nitride semiconductors for sensors application	24.01.2019
472	10PP15J32002	Shefali Jain	CSIR-NPL, New Delhi	PS	Shailesh Narain Sharma	Tailoring the shape-controlled CZTS nanocrystals for various applications	11.02.2019

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473	20EE15J32022	Fathimath Salfeena C T	CSIR-NPL, New Delhi	ES	Dr. Vidya Nand Singh	Study of Electron Transport Properties of Cu <sub>2</sub> ZnSnS <sub>4</sub> Based Absorber Materials for Optoelectronic Device Applications	11.02.2019
474	10PP13A32009	Prashant Singh	CSIR-NPL, New Delhi	PS	Sanjay Kumar Srivastava	Fabrication and characterization of silicon nanostructures for solar cell applications	05.03.2019
475	10PP13J32003	Rajni Porwal	CSIR-NPL, New Delhi	PS	R.P Pant	Proximity effect in superconductor-ferromagnet heterostructures	11.03.2019
476	10CC15J32016	Neelima Kumari	CSIR-NPL, New Delhi	CS	Rachana Kumar	Synthesis and property evaluation of novel organic small molecule based electron acceptors for organic photovoltaic applications	25.03.2019
477	20EE13A32020	Rohtash Singh Garhwal	CSIR-NPL, New Delhi	ES	S.K Sharma	Distribution and trend of upper tropospheric and lower stratospheric (UTLS) Ozone	10.04.2019
478	10CC13J32007	Shipra Solanki	CSIR-NPL, New Delhi	CS	A.M Biradar	Synthesis and characterization of ordered nanomaterials for immunosensing applications	13.05.2019
479	32EE14J32004	Vattikonda Bharath	CSIR-NPL, New Delhi	ES	Poonam Arora	Development of laser cooled and optically pumped cesium atomic fountain	22.05.2019
480	10PP13A32001	Sweety	CSIR-NPL, New Delhi	PS	Ajeet Kumar	Resistive switching in niobium oxide thin film based devices and its applications	28.05.2019
481	10PP14J32001	Barsha Borgohain	CSIR-NPL, New Delhi	PS	H.K. Singh	Comparative study of structural, magnetic and magnetotransport characteristics of melt spun ribbons and thin films of Cr-substituted Mn-Ni-Sn based heusler	11.06.2019
482	20EE15J32019	Biplab Bhattacharya	CSIR-NPL, New Delhi	ES	Sudhir Husale	Quantum transport through topological insulator based nanostructures	26.06.2019
483	20EE15J32025	Ritu Verma	CSIR-NPL, New Delhi	ES	Dr. Ritu Srivastava	Study of optoelectronic properties of organic semiconductor devices: Vertical organic field effect transistor	16.07.2019

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484	10PP14A32006	Saraswati	CSIR-NPL, New Delhi	PS	S.K. Sharma	Study of ambient ammonia and other pollutants for their role in the formation of aerosol over Delhi, India	19.08.2019
485	10PP14A32002	Sumedha Gupta	CSIR-NPL, New Delhi	PS	Arun Kumar Upadhyaya	Ionospheric variability at earth and mars	29.08.2019
486	10PP15J32008	Kaweri Gambhir	CSIR-NPL, New Delhi	PS	Ranjana Mehrotra	Enhanced photonic and spectroscopic properties of plasmonic-organic nanohybrids & their metrological aspect	24.09.2019
487	10PP13J32004	Avirup Sen	CSIR-NPL, New Delhi	PS	T.K. Mandal	Chemical composition and source apportionment of ambient atmospheric aerosols over different environments of India and its adjoining oceans	24.09.2019
488	10PP16A32010	Atish Roy	CSIR-NPL, New Delhi	PS	Subhadeep De	Developing experimental setup for trapped ion based optical atomic clock	24.09.2019
489	20EE15A32015	Amrita Soni	CSIR-NPL, New Delhi	ES	G. Sumana	Nanostructured conducting polymer based biosensor for cancer detection	09.10.2019
490	20EE15A32013	Ram Datt	CSIR-NPL, New Delhi	ES	Vinay Gupta	Development of organic photovoltaic devices based on novel organic molecules	09.10.2019
491	20EE13A32024	Abhishek Sharma	CSIR-NPL, New Delhi	ES	Jai Prakash Tiwari	Organic solar cells: Fabrication, degradation and theoretical interpretation for futuristic device development	09.10.2019
492	20EE14A32022	Ajit Singh Ahlawat	CSIR-NPL, New Delhi	ES	Sumit Kumar Mishra	Development of light weight optical counter, gas measurement system and study of physical properties of atmosphere & aerosols	12.10.2019
493	20EE14A32021	Richa Baronia	CSIR-NPL, New Delhi	ES	Surinder P. Singh	Development of graphene supported metal-based anode catalysts for fuel cell applications	22.10.2019
494	20EE14A32029	Neha Aggarwal	CSIR-NPL, New Delhi	ES	Govind	Design & fabrication of GaN and AlGaN heterostructures based efficient optoelectronic devices	25.10.2019

**List of AcSIR Ph.D. students awarded their Ph.D. degree during the period January 1, 2019 to December 31, 2019**

495	10PP14A32010	Amit Kumar Gangwar	CSIR-NPL, New Delhi	PS	Bipin Kumar Gupta	Synthesis of luminescent materials for security ink applications	25.10.2019
496	20EE14A32026	Arun Barvat	CSIR-NPL, New Delhi	ES	Prabir Pal	Optoelectronics properties of van der waals MoS2 layered materials grown by pulsed laser deposition	10.12.2019
497	10PP15J32007	Sonia	CSIR-NPL, New Delhi	PS	N. Vijayan	Growth and characterizations of L-arginine based single crystals for non-linear optical applications	10.12.2019
498	10CC15J32015	Abhishek Kumar Pathak	CSIR-NPL, New Delhi	CS	S.R. Dhakate	Carbon fiber reinforced graphene based epoxy polymer nanocomposites for structural applications	31.12.2019
499	32EE14A41008	Ramendra Pandey	CSIR-SERC, Chennai	ES	Ulhas K. Kharul	Studies on humidification of PEM fuel cells	12.10.2019
500	20EE12A41001	A Kanchanadevi	CSIR-SERC, Chennai	ES	K. Ramanjaneyulu	Performance evaluation of seismically deficient and corrosion damaged beam-column sub-assemblages under seismic loading and development of upgradation and	18.12.2019