

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

Dated: July 15, 2020

NOTIFICATION

It is notified for all concerned that, the Chairman, Senate, Academy of Scientific and Innovative Research (AcSIR) dated 15.07.2020, has approved the notification for award of the Ph.D degree of the following students in the month from February to June 2020.

Sl. No.	Registration Number	Name	AcSIR Academic Centre	Faculty	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	10CC14J11002	M Krishnamurthy	CSIR-CLRI, Chennai	Chemical Sciences	Debasis Samanta	Click reaction on carbon nanomaterials and cellulose	05.02.2020
2	10CC13J39009	Swetha S.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	U.S. Hareesh	Investigations on ZnO based functional layers for enhanced photovoltaic performances in dye-sensitised solar cells	05.02.2020
3	10CC14J16005	Harshvardhan Singh	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Subhash Chandra Ghosh	Development of nanostructure metal oxides as efficient heterogeneous catalyst for C-H bond activation and functionalization	05.02.2020
4	10CC11J18014	K. Dargaiah	CSIR-IICT, Hyderabad	Chemical Sciences	J.S. Yadav	Studies towards total synthesis of biologically active natural products: (-) dolicolide, tumonoic acid H	05.02.2020
5	10CC11J18006	K. Ramesh	CSIR-IICT, Hyderabad	Chemical Sciences	J.S. Yadav	Studies towards the synthesis of oxygen and nitrogen containing heterocycles	05.02.2020
6	10CC14A32018	Pinki Rani Agarwal	CSIR-NPL, New Delhi	Chemical Sciences	S.R. Dhakate	Development of resin based carbon foam for removal of As(V) from contaminated water	05.02.2020
7	10CC15A05003	S. Rajeswari	CSIR-CECRI, Karaikudi	Chemical Sciences	S. Maruthamuthu	Application of electrochemical treatment methods for tannery and plating industrial effluents	05.02.2020

8	10CC16J18009	Satheeshkumar Reddy. K	CSIR-IICT, Hyderabad	Chemical Sciences	B. V. Subba Reddy	Synthesis of macrolactone core of aspergillide D, diverse oxacyclic spirooxindoles and imidazo heterocyclic cinnolines	05.02.2020
9	10CC14J39004	Jayanthi S. Panicker	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	C. Vijayakumar	Synthesis and study of thiophene based semiconducting small molecules for photovoltaic application	05.02.2020
10	20EE15J32030	Bhumika Ray	CSIR-NPL, New Delhi	Engineering Sciences	Ranjana Mehrotra	Binding mechanism of anticancer flavonoids and their derivatives with nucleic acid	05.02.2020
11	10BB14A08011	Priyanka B S	CSIR-CFTRI, Mysuru	Biological Sciences	Navin K. Rastogi	Integrated approach for the downstream processing of enzymes involving liquid emulsion membrane	05.02.2020
12	20EE15A18052	Mayank Kumar Singh	CSIR-IICT, Hyderabad	Engineering Sciences	S. Ramakrishna	Development and evaluation of hybrid dendrimer-mediated multifunctional brain targeting nanodevice	05.02.2020
13	10BB16A33004	Rajni Parmar	CSIR-IHBT, Palampur	Biological Sciences	R.K. Sharma	Next generation genomic studies for identification of key regulators and genome wide nucleotide variations for drought dissection in Tea (<i>Camellia sinensis</i> (L.) O. Kuntze)	05.02.2020
14	20EE14J15006	P. Sunita	CSIR-CSIO, Chandigarh	Engineering Sciences	Amit L. Sharma	Design of high transmission optical filter using an efficient optimisation algorithm	11.02.2020
15	20EE15J32021	Pankaj Kumar Maheshwari	CSIR-NPL, New Delhi	Engineering Sciences	V.P.S. Awana	Growth and superconductivity of pure and doped iron chalcogenides single crystals	11.02.2020
16	10BB14J18080	Vijaykumar Pillalamarri	CSIR-IICT, Hyderabad	Biological Sciences	Anthony Addlagatta	Structural, biochemical and inhibition studies of methionine aminopeptidases	11.02.2020
17	10BB16A18070	Srisha N. Rao	CSIR-IICT, Hyderabad	Biological Sciences	G. Narahari Sastry	Structure-(re)activity study of photosensitizers and drug molecules	11.02.2020
18	10CC15A16004	Arindam Kumar Das	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Vinod K Shahi	Acid/base stable ion-exchange membranes for electrolysis and electrodialysis	11.02.2020
19	10CC14J26002	Arun Dadwal	CSIR-NCL, Pune	Chemical Sciences	P.A. Joy	Studies on the effect of surfactant, base fluid and particle size on the thermal conductivity of magnetite nanofluids	11.02.2020
20	10CC15J33004	Rakesh Kumar	CSIR-IHBT, Palampur	Chemical Sciences	Upendra Sharma	Synthesis and derivatization of <i>N</i> -heterocyclic compounds through C-H bond functionalization	11.02.2020
21	10CC14J39008	Satyajit Das	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	A. Ajayaghosh	Photochemically and thermally controlled physical properties of self-assembled π -systems	11.02.2020

22	10CC14A16013	Parmar Bhavesh Kumar	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	E. Suresh	Structural and functional studies on multidimensional coordination polymeric networks	11.02.2020
23	10PP13J45001	Sunil Kumar T	CSIR-4PI, Bangalore	Physical Sciences	Anil Earnest	A study on characterization of seismogenesis along the plate boundary zones of Himalayan and Indo-Burmese arcs	11.02.2020
24	10BB15J16014	Bhakti Tanna	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Avinash Mishra	Non-targeted metabolite profiling of selected seaweeds along the Gujarat coast	11.02.2020
25	32EE12J41008	Nawal Kishore Banjara	CSIR-SERC, Chennai	Engineering Sciences	K. Ramanjaneyulu	Fatigue life assessment and enhancement of concrete flexural members	12.02.2020
26	20EE14A32027	Muni Raj Maurya	CSIR-NPL, New Delhi	Engineering Sciences	Vijay Kumar Toutam	Template assisted growth of nano heterostructures for sensor applications	20.02.2020
27	20EE14J32009	Nisha Prakash	CSIR-NPL, New Delhi	Engineering Sciences	S.P. Khanna	Development of hybrid photodetectors based on 2D materials and III-nitrides	20.02.2020
28	32EE12A41003	B.S.SINDU	CSIR-SERC, Chennai	Engineering Sciences	Saptarshi Sasmal	Multi-scale investigations on development of nano-engineered cementitious composite	20.02.2020
29	10CC14J39006	Sajitha M. J.	CSIR-NIIST	Chemical Sciences	Yoosaf K.	Facile synthesis of plasmonic nano-materials with improved characteristics for bio-photonic applications	20.02.2020
30	10CC14J05005	KR Prakash	CSIR-CECRI, Karaikudi	Chemical Sciences	A.S. Prakash	Strategies to improve the performance of high-capacity layered cathode materials for lithium ion battery	20.02.2020
31	10CC14J26008	Pravin Kumar Dwivedi	CSIR-NCL, Pune	Chemical Sciences	Manjusha V. Shelke	Development of nanostructured metal oxide-carbon composites for rechargeable li-ion battery	20.02.2020
32	10CC14J26003	Jayant Rathod	CSIR-NCL, Pune	Chemical Sciences	Pradeep Kumar	Synthetic explorations into carbon-carbon and carbon-nitrogen bond forming reactions	20.02.2020
33	10CC15J33003	Nidhi Sharma	CSIR-IHBT, Palampur	Chemical Sciences	Ashu Gulati	Chemical characterization and biological evaluation of polyphenolic compounds from <i>Arnebia</i> and <i>Hippophae</i>	20.02.2020
34	10CC13J39002	Sumina N. B.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Saju Pillai	Low temperature synthesis of wide spectrum active TiO ₂ for functional applications	20.02.2020
35	10CC16J16001	Geetanjali Shukla	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Vinod K Shahi	High Performance Acidic and Alkaline Charged Membranes for Electrochemical Processes	20.02.2020

36	10BB12A37020	Gurjinder Singh	CSIR-IIIM, Jammu	Biological Sciences	Mohd. Jamal Dar	Analyzing kinase dependent and independent functions of EGFR and IGF-1R receptor tyrosine kinases in normal and cancer cells	20.02.2020
37	10BB14A08012	Prasad P	CSIR-CFTRI, Mysuru	Biological Sciences	R V Sreedhar	Exploring stearidonic acid rich triacylglycerol biosynthetic pathway in <i>Buglossoides arvensis</i> using transcriptomic and lipidomic approaches	20.02.2020
38	10PP14J26027	Bipul Biswas	CSIR-NCL, Pune	Physical Sciences	Guruswamy Kumaraswamy	Preparation of colloidal chains and studies of their structure and dynamics	20.02.2020
39	10PP14A32003	Jagannath Panigarhi	CSIR-NPL, New Delhi	Physical Sciences	Vandana	ALD Deposited Single/Multilayer Thin Films for c-Si Surface Passivation	20.02.2020
40	10PP14A39009	Arun B	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	M. Vasundhara	Tuning the magnetic phase transitions and the magnetocaloric properties of rare-earth manganites for magnetic refrigeration applications	20.02.2020
41	10BB14A02014	Disha Sharma	CSIR-IGIB, New Delhi	Biological Sciences	Vinod Scaria	Identification and characterization of circular RNAs	02.03.2020
42	10BB14A10002	Ramesh Kumar Kushwaha	CSIR-CIMAP, Lucknow	Biological Sciences	C.S. Vivek Babu	Modulation of withanolides biosynthesis in <i>Withania somnifera</i> (L.) Dunal by plant-endophyte interactions	02.03.2020
43	32EE12J41007	C. Bharathi Priya	CSIR-SERC, Chennai	Engineering Sciences	N. Gopalakrishnan	Seismic vibration control of structures using magnetorheological (MR) damper coupled mass driver	02.03.2020
44	10PP13J28003	Nilesh Kumar Jaiswara	CSIR-NGRI, Hyderabad	Physical Sciences	Anand Kumar Pandey	Drainage pattern characterization of Brahmaputra river system in Eastern Himalaya to understand the role of gradation and tectonics in drainage evolution	02.03.2020
45	10CC16J05004	Srinu Akula	CSIR-CECRI, Karaikudi	Chemical Sciences	Akhila Kumar Sahu	Studies on metal-free electrocatalysts for oxygen reduction reaction in polymer electrolyte membrane fuel cells	02.03.2020
46	10CC13J39011	Remya R.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Biswapriya Deb	Solution processed transition metal oxides for optoelectronic applications	05.03.2020
47	10CC16A18026	Naresh Pogaku	CSIR-IICT, Hyderabad	Chemical Sciences	P. Radhakrishna	Development of novel methodologies for synthesis of sulfinates, sulfones, carbamates, oxazoles using TosMIC and α -oxygenated ketones by iodine catalysis	05.03.2020
48	10CC14J18019	Gundeboina Narasimha	CSIR-IICT, Hyderabad	Chemical Sciences	S.V. Manorama	Design, synthesis and surface functionalization of SPIONs for environmental remediation and biomedical applications	05.03.2020
49	10CC15J26014	Nadeem Ayesha	CSIR-NCL, Pune	Chemical Sciences	K. Sreekumar	Layered double hydroxides and their derived functional nanomaterials for sustainable energy applications	05.03.2020

50	10CC16J05003	V Parthiban	CSIR-CECRI, Karaikudi	Chemical Sciences	Akhila Kumar Sahu	Studies on Nafion hybrid polymer elec- trolyte membranes with improved electrochemical selectivity for direct methanol fuel cells	12.03.2020
51	10CC14A38007	Limi Goswami	CSIR-NEIST, Jorhat	Chemical Sciences	P Gogoi	Development of New Synthetic Meth- odologies for the Synthesis of Biphenyls, Fused Pyridines And Thiophenes	12.03.2020
52	10CC16J18011	Shaikh Dada Babasaheb	CSIR-IICT, Hyderabad	Chemical Sciences	Sidhanath V Bho- sale	Design and synthesis of multi- substituted naphthalene diimides: self- assembly and perovskite solar cell applications	12.03.2020
53	10BB14A22001	Ankita Rai	CSIR-IITR, Lucknow	Biological Sciences	Anurag Tripathi	Studies on dermal toxic potential of a mycotoxin, zearalenone	12.03.2020
54	10CC12A26039	Appasaheb Kadam	CSIR-NCL, Pune	Chemical Sciences	Subhash P. Chavan	Design & tactics for total synthesis of D2 receptor agonist quinagolide & devel- opment and application of on-water oxidation of furan in collective synthesis of bioactive natural products	12.03.2020
55	10BB14J36008	Alfa Sarita Mohanty	CSIR-IMMT, Bhubaneshwar	Biological Sciences	B.S. Jena	<i>Dillenia indica</i> L. bark extract mediated green synthesis of silver, gold and plat- inum nanoparticles and their applica- tions	12.03.2020
56	32EE14A31003	Ashok K	CSIR-NML, Jamshedpur	Engineering Sciences	G.L. Mandal	Analysis and control of slag carryover during steelmaking	12.03.2020
57	10BB14A37014	Mehal Gupta	CSIR-IIIM, Jammu	Biological Sciences	GD Singh	Modulation of NLRP3 inflammasome - mediated sterile inflammation	16.03.2020
58	10BB12A08006	Sajan Chandran- gadhan	CSIR-CFTRI, Mysuru	Biological Sciences	Prakash M Halami	Effect of bifidobacterial probiotics on alleviation of inflammation	16.03.2020
59	10BB15J37019	Arem Qayum	CSIR-IIIM, Jammu	Biological Sciences	Shashank Singh	Therapeutic potential and molecular mechanism of a novel β -boswellic acid analog in mono and combination thera- py for targeting KRAS mutant colon cancer	16.03.2020
60	10BB16A04001	Akanksha Mishra	CSIR-CDRI, Lucknow	Biological Sciences	Shubha Shukla	Investigating the role of dopamine D1 and D2 receptors during adult neuro- genesis in Parkinsonian Rats	16.03.2020
61	10BB15J26040	Sanskriti Agrawal	CSIR-NCL, Pune	Biological Sciences	Mahesh J. Kulkarni	Studies of conformational and function- al transitions of N-acetyl galactosamine binding lectins from <i>Bauhinia purpurea</i> and <i>Wisteria floribunda</i>	16.03.2020
62	10BB15A04008	Sonam Gupta	CSIR-CDRI, Lucknow	Biological Sciences	Sarika	A study to evaluate the endoplasmic reticulum stress mediated signaling pathways in rotenone induced neuro- toxicity	17.03.2020

63	10BB14A37004	Vikas Kumar	CSIR-IIIM, Jammu	Biological Sciences	Ram A. Vishwakarma	Modulation of physicochemical properties of natural product/phytopharmaceutical leads using formulation approaches	17.03.2020
64	10BB14A08019	Deepesh Panwar	CSIR-CFTRI, Mysuru	Biological Sciences	Mukesh Kapoor	Understanding the molecular basis of prebiotic of manno-oligosaccharides in probiotic <i>Lactobacillus</i> sp.	17.03.2020
65	10CC14J37010	Faheem Rasool	CSIR-IIIM, Jammu	Chemical Sciences	Debaraj Mukherjee	Study towards stereoselective synthesis of medicinally important glycosides from sugar enol-ethers	28.03.2020
66	10BC14A37001	Divya Dheer	CSIR-IIIM, Jammu	Chemical Sciences	Ravi Shankar	Design and synthesis of polymer based targeted drug delivery systems and studies towards the synthesis and anti-cancer potential of triazoles	28.03.2020
67	10CC16J18008	Rammurthy Banothu	CSIR-IICT, Hyderabad	Chemical Sciences	N Narender	Development of ECO-friendly protocols for oxidative halogenations and catalytic C(sp ²)-C(sp ³) bond esterification using ammonium halides and oxone	28.03.2020
68	10CC14A26034	Yogesh Mrathe	CSIR-NCL, Pune	Chemical Sciences	M.V. Badiger	Design, synthesis and crystallization behaviour of new borassus incorporated poly(lactic acid) composites and nano-composites	28.03.2020
69	10CC13A26020	Vinita Dhaware	CSIR-NCL, Pune	Chemical Sciences	Anuya Nisal	Synthetic polypeptides and biopolymers: Synthesis, self-assembly and cellular interactions	28.03.2020
70	10CC15A16006	Abhishek Joshi	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	S. Adimurthy	Transannulation of triazoles and pyridotriazoles for the synthesis of fused heterocycle	28.03.2020
71	10CC14J39018	Deepithi Krishnan	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	E. Bhoje Gowd	Directed assembly of hierarchical supramolecular block copolymers	28.03.2020
72	32EE14A41004	Shatabdi Mallick	CSIR-SERC, Chennai	Engineering Sciences	M.B. Anoop	Governing creep mechanisms in cement paste containing fly ash - effect of fly ash content and role of water through microindentation studies	11.05.2020
73	10PP15J32004	Ashutosh Rathi	CSIR-NPL, New Delhi	Physical Sciences	G.A. Basheed	Interplay between quantum magnetism and charge dynamics in 3d and 5d magnetic oxides	11.05.2020
74	10CC13A36022	Anupam Manna	CSIR-IMMT, Bhubaneswar	Chemical Sciences	Sanjib Das	Design and synthesis of porous polymeric materials for sensing, separation and catalytic transformation of environmental pollutants	11.05.2020
75	10CC15A19001	Rajkumar Yadav	CSIR-IIP, Dehradun	Chemical Sciences	Anil K. Sinha	Titania-based nanomaterials for H ₂ production and CO ₂ utilisation using solar energy	11.05.2020
76	10PP13J05004	Santhosh	CSIR-CECRI, Karaikudi	Physical Sciences	B. Subramanian	Investigations on electrochromic properties of oxide semiconducting thin films prepared by laser ablation/spin coating	11.05.2020

77	10BB13A33006	Shiv Kumar	CSIR-IHBT, Palampur	Biological Sciences	Yogendra S. Padwad	Mechanistic role of phloretin and phloridzin in the pathophysiology of type-2 diabetes mellitus and colon inflammation	11.05.2020
78	32EE12J19011	Indrajit Ghosh	CSIR-IIP, Dehradun	Engineering Sciences	Ankur Bordoloi	Single-step synthesis of light olefins(C2-C4) from syngas	15.05.2020
79	10CC14A16003	Arunachalam R	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	P.S. Subramanian	Enantiomeric resolution of metalloheli-cates and catalytic applications	15.05.2020
80	10CC14J05012	V. Manju	CSIR-CECRI, Karaikudi	Chemical Sciences	A. Palaniappan	Engineered sp ² carbonaceous materials for electrocatalysis: The role of nitrogen, non-noble metals and metal chalcogeni-des	15.05.2020
81	10BB15J25001	Nitanshi Jauhari	CSIR-NBRI, Lucknow	Biological Sciences	D.K. Upreti	Bacteria-mediated degradation of petroleum hydrocarbons in <i>in-vitro</i> conditions	17.5.2020
82	10BB13A25013	Ram Naresh	CSIR-NBRI, Lucknow	Biological Sciences	V.A. Sane	Role of GhNAC2 in root development	17.05.2020
83	10BB16A33001	Anamika Sharma	CSIR-IHBT, Palampur	Biological Sciences	Yogendra Padwad	Therapeutic potential of <i>Berberis lycium</i> royle fruits and underlying molecular mechanism in amelioration of ulcerative colitis and rheumatoid arthritis	28.05.2020
84	10BB14A25001	Shipra Pandey	CSIR-NBRI, Lucknow	Biological Sciences	Aradhana Misra	Synthesis & characterization of bio-nanomaterials for management of early blight disease in tomato	28.05.2020
85	10BB16A10007	Samvedna Shukla	CSIR-CIMAP, Lucknow	Biological Sciences	M.P. Darokar	Studies on plant essential oils for their utilization as preservatives and enhancing shelf life of selected vegeta-bles/fruits	28.05.2020
86	10BB14A39008	Sujitha B. S.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	M. Arumugam	Biochemical and molecular characteriza-tion of nitrogen stress mediated lipid accumulation in <i>Scenedesmus quadri-cauda</i> CASA CC202	28.05.2020
87	10BB13J02017	Abhilash Gangadharan	CSIR-IGIB, New Delhi	Biological Sciences	Debasis Dash	Predicting the inessentiality of multiple gene deletions using computational methods on high-throughput data	28.05.2020
88	10CC15J18028	Ravulakollu Srinivasaro	CSIR-IICT, Hyderabad	Chemical Sciences	Surya Prakash Singh	Synthesis of Near-IR bodipy, Aza-bodipy and squaraine molecules for organic photovoltaics	28.05.2020
89	10BB13A25007	Meenakshi Kushwaha	CSIR-NBRI, Lucknow	Biological Sciences	Vivek Pandey	Contribution of microbial diversity in soil organic matter (SOM) pool in a tropical dry deciduous forest	28.05.2020
90	10BB14A02002	Aksheev Bhambri	CSIR-IGIB, New Delhi	Biological Sciences	Beena Pillai	Understanding inter and intra-cellular signaling in polyglutamine disease	28.05.2020

91	32EE12J15009	Ripul Ghosh	CSIR-CSIO, Chadigarh	Engineering Sciences	H.K. Sardana	Time-frequency distributions for target detection and recognition using seismic and acoustic signals	28.05.2020
92	10PP16J32004	Ravi Kumar	CSIR-NPL, New Delhi	Physical Sci- ences	Sanjay R. Dhakate	Studies on Optimization of Nitrogen Vacancy Centers in Nanodiamonds for Bright Emission	28.05.2020
93	10CC14J39010	Sijila Rosely C. V.	CSIR-NIIST, Thiruvanan- thapuram	Chemical Sciences	E. Bhoje Gowd	Structure and properties of poly(L- lactide)/boron nitride nanocomposites	28.05.2020
94	20EE15J32027	Manjri Singh	CSIR-NPL, New Delhi	Engineering Sciences	Surinder P. Singh	Graphene oxide based heterostructures for photodetective and switching devic- es	28.05.2020
95	10BB14J08012	Aruna P	CSIR-CFTRI, Mysuru	Biological Sciences	R.P. Singh	Fractionation of pomegranate seeds for oil and its utilization in the development of value added products	03.06.2020
96	10BB13A22007	Manish Kumar Tripathi	CSIR-IITR, Lucknow	Biological Sciences	Mahendra Pratap Singh	A study on the molecular mechanism of silymarin-mediated protection against MPTP- Induced parkinsonism: role of autophagy	03.06.2020
97	10BB13A22008	Mohd Sami Ur Rasheed	CSIR-IITR, Lucknow	Biological Sciences	Mahendra Pratap Singh	A study on the role of Nrf2 in Cyp2d22- mediated neuroprotection against maneb- and paraquat- induced Parkin- sonism	04.06.2020
98	10BB12A08003	Achintya Kumar Dolui	CSIR-CFTRI, Mysuru	Biological Sciences	Vijayaraj P	Profiling and functional characterization of rice bran lipases	09.06.2020
99	10CC16J32007	Sonal Gupta	CSIR-NPL, New Delhi	Chemical Sciences	Asit Patra	Synthesis and characterization of poly(3,4-ethylenedioxythiophene) and its derivatives for organic electronics applications	09.06.2020
100	10CC16A10011	Sudeep Tandon	CSIR-CIMAP, Lucknow	Chemical Sciences	Rakesh Pandey	Extraction, Isolation and chemical char- acterization of aroma molecules for their bioactive and anti-aging activities	09.06.2020
101	10CC15J11002	Ramireddy Ravikanth Reddy	CSIR-CLRI, Chennai	Chemical Sciences	B.V.N. Phani Kumar	NMR approaches for the study of bind- ing and dynamics of polyphenols and ionic liquids with proteins	09.06.2020
102	10CC15A26025	Farsa Ram	CSIR-NCL, Pune	Chemical Sciences	Kadhiravan Shanmuganathan	Nanocellulose reinforced polymer composites for energy applications	09.06.2020
103	10CC14J18064	Thippani Anitha	CSIR-IICT, Hyderabad	Chemical Sciences	K. Rajender Reddy	Oxidative P-H bond transformations towards the construction of O-P and C-P bonds: Synthesis of oxazoline and BOD- IPY derivatives	09.06.2020
104	10CC15A37006	Mukesh Kumar	CSIR-IIIM, Jammu	Chemical Sciences	Parvinder Pal Singh	Development of New C-H Functionaliza- tion methods and their applications	09.06.2020

105	10PP13A39015	Lekshmi D R	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	K.P. Surendran	Multilayer composites for magnetodielectric and magnetoelectric applications	10.06.2020
106	20EE16A32030	Rabia Sultana	CSIR-NPL, New Delhi	Engineering Sciences	V.P.S. Awana	Growth and characterization of pure and doped topological insulators	22.06.2020
107	20EE13A43003	Beenu Raj	CSIR-CIMFR, Dhandbad	Engineering Sciences	V V L Kanta Rao	Separation of polyethylene terephthalate from multilayer packaging film waste and conversion to unsaturated polyester resin for application in mining and concrete repair	22.06.2020
108	10BB14J25008	SumanB	CSIR-NBRI, Lucknow	Biological Sciences	Pankaj K Srivastava	Environmental studies on arsenic bioavailability and its regulation for risk assessment and remediation of contaminated soils	22.06.2020
109	10BB13A22004	Ankur Kumar Srivastava	CSIR-IITR, Lucknow	Biological Sciences	Devendra Parmar	Studies on zinc oxide (ZnO) nanoparticles induced alteration in adult and developing brain	22.06.2020
110	10BB15A33003	Gopal Singh	CSIR-IHBT, Palampur	Biological Sciences	Ram Kumar Sharma	Next-generation sequencing studies for creation of genomic resources in <i>Stevia rebaudiana Bertoni</i>	22.06.2020
111	10BB13A25005	Arpita Bhattacharya	CSIR-NBRI, Lucknow	Biological Sciences	Aradhana Mishra	Defence modulating strength of endophytes in inducing resistance against tomato wilt disease	22.06.2020
112	10BB15J10002	Harshita Pandey	CSIR-CIMAP, Lucknow	Biological Sciences	Laiq ur Rahman	Pathway engineering in <i>Stevia rebaudiana</i> for enhanced secondary metabolite production	22.06.2020
113	10BB15J37008	Asmita Magotra	CSIR-IIIM, Jammu	Biological Sciences	Surdarshan Singh	Pharmacokinetics, efficacy and safety profiling of nitrofuranyl methyl piperazine class of anti-tubercular agent for preclinical studies	22.06.2020
114	10BB13J26037	Smrati Sanghi	CSIR-NCL, Pune	Biological Sciences	Naremdra Kadoo	Biochemical and molecular characterization of polyunsaturated fatty acids producing microbes	22.06.2020
115	10BB14J08011	J K Naveen Kuar	CSIR-CFTRI, Mysuru	Biological Sciences	P Prabhasankar	Ferritin enriched wheat based food products and their iron bioavailability efficacy	22.06.2020
116	10BB14J26022	Pranjali Oak	CSIR-NCL, Pune	Biological Sciences	V.S. Gupta	Biochemical and molecular analysis of spongy tissue disorder in mango (<i>Mangifera indica</i> cv. <i>Alphonso</i>)	22.06.2020
117	10CC15J37027	Shilpi Balgota	CSIR-IIIM, Jammu	Chemical Sciences	Sanghapal D Sawant	Development of novel transition metal-free methods for the formation of C-X(C-N, C-O, C-S, C-I) bond	22.06.2020
118	10CC16J18001	B. Manohar Reddy	CSIR-IICT, Hyderabad	Chemical Sciences	K. Bhanuprakash	Design, synthesis and characterization of organic donor materials having potential applications for organic bulk heterojunction solar cells	22.06.2020

119	10BB14A10004	Amit Kumar	CSIR-CIMAP, Lucknow	Biological Sciences	Velusamy Sundaresan	Biosystematics studies on Indian Ocimum	22.06.2020
120	10CC15J38004	Purna Kanta Boruah	CSIR-NEIST, Jorhat	Chemical Sciences	Manash R. Das	Reduced graphene oxide sheets decorated with magnetic metal oxide nanoparticles and its application in environmental remediation	22.06.2020
121	10CC14J18036	N. Naga Malleswara Rao	CSIR-IICT, Hyderabad	Chemical Sciences	A.V. Sessa Sainath	Glucose and its epimers-based multivalent glycopolymer architectures: Synthesis and characterization for their nanoparticles formation and biocompatibility	22.06.2020
122	10BB17J08006	Saritha G Pandit	CSIR-CFTRI, Mysuru	Biological Sciences	Mohan A Dhale	Evaluation of red pigment from <i>Talaromyces purpureogenus</i> CFRM02 against alcohol-induced liver disease (ALD) and its toxicology	22.06.2020
123	20EE14A35003	Pradeep singh	CSIR-AMPRI, Bhopal	Engineering Sciences	D.P. Mondal	Ti alloy foam synthesized using mechanically alloyed powder through space holder technique: Study of compressive deformation and corrosion behaviour	22.06.2020
124	10CC15A26010	Tamal Kanti Das	CSIR-NCL, Pune	Chemical Sciences	Udaya Kiran Mareeli	N-heterocyclic carbene-catalyzed umpolung of aldimines for the synthesis of nitrogen heterocycles and related chemistry	22.06.2020
125	10BB13J03002	P Anuradha Reddy	CSIR-CCMB, Hyderabad	Biological Sciences	Karthikeyan Vasudevan	Elucidating population dynamics of Tiger (<i>Panthera tigris tigris</i>) using DNA-based genetic analysis	22.06.2020
126	10BB13A18036	Sreetama Pal	CSIR-IICT, Hyderabad	Biological Sciences	Amitabha Chattopadhyay	Lipid-protein interactions in membranes: Role of negatively charged lipids	22.06.2020
127	10BB14A02035	Subhoshree Ghose	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Sengupta	Perspectives on vitamin B12 deficiency induced DNA methylation alterations and cardiometabolic risk	30.06.2020
128	10BB13J08003	Chinmayee C V	CSIR-CFTRI, Mysuru	Biological Sciences	Sridevi Annapurna Singh	Microbial milk clotting enzymes : Specificity, structure and food applications	30.06.2020
129	10CC13A36014	Santosh Kumar Mohanta	CSIR-IMMT, Bhubaneswar	Chemical Sciences	R K Dwari	Surface pre-treatment for efficient tribo-electrostatic separation of coal and minerals	30.06.2020
130	10CC13A39002	Nabeela Kallayi	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Saju Pillai	Nanocellulose fibers as green platform for functional hybrid materials and their applications	30.06.2020
131	10CC14A26003	Ganesh Ghotekar	CSIR-NCL, Pune	Chemical Sciences	M. Muthukrishnan	Asymmetric synthesis of biologically important compounds and development of synthetically useful C-C and C-O bond forming reactions via transition metal free conditions	30.06.2020
132	10CC13J26027	Vir Bahadur	CSIR-NCL, Pune	Chemical Sciences	M.S. Shashidhar	Acyl transfer reactions in molecular crystals, cocrystals and associated studies	30.06.2020

133	10CC15J26020	Goudappagouda	CSIR-NCL, Pune	Chemical Sciences	Santhosh Babu Sukumaran	Modulation of ground and excited state properties of donor acceptor organic small molecules towards lighting, light-harvesting and electronic applications	30.06.2020
134	20EE13A26044	Sayan Pal	CSIR-NCL, Pune	Engineering Sciences	Amol Kulkarni	Understanding flow of solids in continuous flow reactors	30.06.2020
135	10CC16J18016	Bhima Sridevi	CSIR-IICT, Hyderabad	Chemical Sciences	B.V. Subba Reddy	Design, synthesis and biological evaluation of tryptanthrin, pyrazolyl-thiazole, imidazoquinoline and quinoxaline congeners	30.06.2020


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