

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

Dated: January 12, 2021

### NOTIFICATION

It is notified for all concerned that, the Chairman, Senate, Academy of Scientific and Innovative Research (AcSIR) dated 12.01.2021, has approved the notification for award of the Ph.D degree of the following students in the month from October to December 2021.

Sl. No.	Registration Number	Name	AcSIR Academic Centre	Faculty	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	10CC16A18019	M. Latha	CSIR-IICT, Hyderabad	Chemical Sciences	J. Vatsala Rani	Development of non-aqueous electrolytes and graphite based composite cathodes for rechargeable Mg and Al batteries	06.10.2020
2	10CC14J16003	Chinnaraja E	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	P. S. Subramanian	Synthesis, characterization of metallohelicates and its application to asymmetric catalysis	06.10.2020
3	10CC17J26046	Vedikuyilazhagan	CSIR-NCL, Pune	Chemical Sciences	Manjusha Shelke	Wearable energy storage: Design, fabrication and testing of graphene/conducting polymer/metal oxide based flexible solid-state ultracapacitors	06.10.2020
4	10CC16J26010	Somnath Kashid	CSIR-NCL, Pune	Chemical Sciences	Sayan Bagchi	Investigation of hydrogen bonding interactions and dynamics of carbonyls using ultrafast infrared spectroscopy and molecular dynamics simulation	06.10.2020
5	10PP16A38011	Antara Sharma	CSIR-NEIST, Jorhat	Physical Sciences	Santanu Baruah	A study on seismic anisotropy of the crust in relation to the localized tectonic stress pattern in Shillong - Mikir plateau and its vicinity of North East India	06.10.2020
6	10BB14A38010	Moonmee Bharadwaz	CSIR-NEIST, Jorhat	Biological Sciences	H P Deka Boruah	Isolation, purification and characterization of staphylocoagulase, a blood coagulating protein from a <i>Staphylococcus</i> sp.	06.10.2020
7	10CC15J18020	Karale Uttam Babasaheb	CSIR-IICT, Hyderabad	Chemical Sciences	Haridas B. Rode	Design, synthesis and biological evaluation of imidazo[1,2-a]pyridines, thiazoles, quinolines and other heterocycles	06.10.2020

8	10BB15J18045	Sandeepchowdary Bala	CSIR-IICT, Hyderabad	Biological Sciences	Anthony Addlagatta	Structural, biochemical and species specific inhibition studies of methionine aminopeptidases	06.10.2020
9	20EE14A24004	Gantayata Gouda	CSIR-NAL, Bangalore	Engineering Sciences	Soumendu Jana	Investigation of operability issues encountered in generic turbojet engine	06.10.2020
10	10PP17J15003	Arushi Gupta	CSIR-CSIO, Chandigarh	Physical Sciences	Amit L. Sharma	Electrochemical nanobiosensors for detection of waterborne pathogens	06.10.2020
11	10PP15J32011	Kritika Anand	CSIR-NPL, New Delhi	Physical Sciences	Nidhi Singh	Synthesis and characterization of Mn-based rare-earth free permanent magnet material	12.10.2020
12	32EE13A41001	A. Thirumalaise Ivi	CSIR-SERC, Chennai	Engineering Sciences	N. Anandavalli	Mesoscale characterisation of mechanical behaviour of concrete under different strain rates	12.10.2020
13	32EE16A01002	Krithika	CSIR-CBRI, Roorkee	Engineering Sciences	Ajay Chaurasia	Studies on alternative fine aggregates in concrete as replacement to river sand	12.10.2020
14	10BB17J25003	Swapnil Pandey	CSIR-NBRI, Lucknow	Biological Sciences	Puneet Singh Chauhan	Extraction and characterization of phytomolecules from <i>Betula utilis</i> L. for their anti-aging and neuroprotective activities in <i>Caenorhabditis elegans</i>	12.10.2020
15	10CC15J38003	Priyakshree Borthakur	CSIR-NEIST, Jorhat	Chemical Sciences	Manash R Das	Transition metal sulphide nanoparticles fabricated on 2D nanosheets: Synthesis, characterization and their applications in environmental remediation	16.10.2020
16	10BB14A08003	Yoya Luithui	CSIR-CFTRI, Mysuru	Biological Sciences	M.S. Meera	Processing of Job's tears ( <i>Coix lachryma-jobi</i> L.) for the development of food ingredients	16.10.2020
17	10BB15A33006	Anika	CSIR-IHBT, Palampur	Biological Sciences	Amitabha Acharya	Development of biologically active nanomaterials using green approach: Synthesis, characterization and their in vitro activity evaluation	16.10.2020
18	10BB15A39024	Varsha Karunakaran	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Kaustabh Kumar Maiti	Development of surface enhanced raman scattering based diagnostic platform for cancer and Alzheimer's disease	16.10.2020
19	10BB12A22010	Anuradha Yadav	CSIR-IITR, Lucknow	Biological Sciences	Rajnish K Chaturvedi	Cellular and molecular mechanism(s) of cypermethrin mediated effects on neurogenesis in the rat brain	16.10.2020
20	20EE14A32030	Umesh Pant	CSIR-NPL, New Delhi	Engineering Sciences	D D Shivagan	Development and realization of metal-carbon eutectic fixed points for high-temperature thermometry	16.10.2020

- 21	32EE14A14004	Minal	CSIR-CRRI, New delhi	Engineering Sciences	Ch. Ravi Sekhar	Integrated travel demand model for evaluation of sustainable transport system	22.10.2020
22	10PP15A32007	Sahil Sharma	CSIR-NPL, New Delhi	Physical Sciences	P K Dubey	Design, development and analysis of instrumentation for ultrasonic characterization of liquids	22.10.2020
23	10PP15A39016	Rejith R. G.	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	M. Sundararajan	Geo-exploration of strategic mineral deposits along Varkala-Kovalam coast, South-West India using hyperspectral remote sensing	22.10.2020
24	10PP15A32008	Ramesh Chodipilli	CSIR-NPL, New Delhi	Physical Sciences	Sunil Singh Kushvaha	Growth and characterization of GaN nanostructures by laser molecular beam epitaxy	21.10.2020
25	10PP16A32015	Avinash Vishwakarma	CSIR-NPL, New Delhi	Physical Sciences	Sivaiah Bathula	Synthesis, microstructural and thermoelectric characterization of half-heusler and silicon-germanium based alloys	21.10.2020
26	10CC16J26016	Kavita Kisan Mohita	CSIR-NCL, Pune	Chemical Sciences	Baijayantimala Garnaik	Synthesis of poly (L-lactide) using zinc-aleuritic acid complex and chitosan as nanocarriers for drug delivery in burn wound and cancer	21.10.2020
27	10CC14A16011	Nilesh Girdhanbhai Vadodariya	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Ramavatar Meena	Preparation of seaweed polymer based value added materials	21.10.2020
28	10CC16J32009	Ridham Dhawan	CSIR-NPL, New Delhi	Chemical Sciences	Saroj Kumari	Utilization of waste plastic matrix with different industrial fillers for societal applications	21.10.2020
29	10CC13A36015	Sanjukta Dey	CSIR-IMMT, Bhubaneswar	Chemical Sciences	Laxmidhar Besra	Development of corrosion resistant ceramic coatings stable at high temperature on low carbon steel by electrophoretic deposition	21.10.2020
30	10CC15J16011	Vyas Gaurav Ashokbhai	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Divesh N Srivastava	Development of functional materials for application in sensing and removal of environmentally important ions	21.10.2020
31	10CC14A16017	Shibaji Ghosh	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Bishwajit Ganguly	In silico studies towards understanding the interactions of small molecules/ions with macromolecular systems	21.10.2020
32	10CC15J18010	Sourav Das	CSIR-IICT, Hyderabad	Chemical Sciences	Chittaranjan Patra	Anti-cancer activity and toxicological evaluation of bimetallic (Ag@Au and Ag@Pt) nanocomposites and vanadium pentoxide (V2O5) nanoparticles	21.10.2020
33	10CC16J26017	Sayantan Acharya	CSIR-NCL, Pune	Chemical Sciences	Sarika Maitra Bhattacharyya	Diffusion through crowded environment: An MD simulation study	21.10.2020

34	10CC15A38024	Satheesh Borra	CSIR-NEIST, Jorhat	Chemical Sciences	RA Maurya	Applications of $\alpha$ -keto vinyl azides in the photochemical synthesis of fused imidazolidines, benzofurans and pyrroles	21.10.2020
35	10BB15J16022	Shristi Ram	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Sandhya Mishra	Studies on carotenoid production from bacteria isolated from water bodies across Gujarat	21.10.2020
36	10BB13A02002	Adarsh Kumar Mishra	CSIR-IGIB, New Delhi	Biological Sciences	Anurag Agrawal	Studying molecular mechanisms involved in tunneling nanotube formation	21.10.2020
37	10BB15J08012	Smitha Padmanabha	CSIR-CFTRI, Mysuru	Biological Sciences	V Baskaran	Studies on the modulatory effects of lutein and unsaturated fatty acids on experimentally induced cataract in rats	21.10.2020
38	10CC14A38005	Urmila Baruah	CSIR-NEIST, Jorhat	Chemical Sciences	PJ Saikia	Functionalization of olefins with methyl methacrylate and their performance evaluation as lube oil additive	21.10.2020
39	10BB13A02010	Prashant Bajpai	CSIR-IGIB, New Delhi	Biological Sciences	Anurag Agrawal	Understanding the role of gut microbial metabolites in mitochondrial function	23.10.2020
40	10PP16A28002	Ankita Chatterjee	CSIR-NGRI, Hyderabad	Physical Sciences	Shakeel Ahmed	Vulnerability dynamics of fluoride contamination in granitic aquifer	23.10.2020
41	10BB13A39010	Jubi Jacob	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	B. S. Dileep Kumar	Probing actinomycetes and its metabolites for agricultural and medicinal use	29.10.2020
42	10BB16A04003	Amit Manhas	CSIR-CDRI, Lucknow	Biological Sciences	Kumaravelu Jagavelu	Analysis of high-mobility group box isoform 3 in myocardial infarction, and investigating the cardioprotective potential of natural products in various rodent cardiac stress models	29.10.2020
43	10BB14J16019	R Soundarya	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Sandhya Mishra	Studies on microbial siderophores for enhancement of microalgal growth	29.10.2020
44	10BB14A02010	Bipul Kumar	CSIR-IGIB, New delhi	Biological Sciences	Hemant K. Gautam	Study of acne microbiome from Indian population and their control through nanoparticles	29.10.2020
45	10BB14A08004	Nida Ume Salma	CSIR-CFTRI, Mysuru	Biological Sciences	Jyothi Lakshmi A	Studies on the efficacy of flaxseed protein in the prevention of alcohol induced hepatic damage	29.10.2020
46	10BB17J17001	Gaurav Das	CSIR-CGCRI, Kolkata	Biological Sciences	Surajit Ghosh	Chemical modulators targeted to mitochondria and microtubule for cancer therapy	29.10.2020
47	10BB17J37011	Rahul Vikram Singh	CSIR-IIIM, Jammu	Biological Sciences	Vikash Babu	Development of amidase catalyzed process for the synthesis of vorinostat drug	29.10.2020

48	10CC15A18022	M. Sandeep	CSIR-IICT, Hyderabad	Chemical Sciences	K. Rajender Reddy	Copper or iodine mediated organic transformations to access functionalized fused imidazo[1,5-a]-N-heteroaromatics	29.10.2020
49	10CC17J26035	Rajith I V	CSIR-NCL, Pune	Chemical Sciences	Sreekumar Kurungot	Transition metal sulfide derived nanocomposites for oxygen reduction reaction and water splitting applications	29.10.2020
50	10CC16A04032	Ratnakar Dutt Shukla	CSIR-CDRI, Lucknow	Chemical Sciences	Atul Kumar	Design and synthesis of novel <i>N</i> -heterocyclic scaffolds as anti-tubercular agents	29.10.2020
51	10PP12A27003	Alok Kumar Meher	CSIR-NEERI, Nagpur	Physical Sciences	A.K. Banswal	Development of analytical methods for determination of cyanide species and adsorbents for its removal from water and wastewater	29.10.2020
52	20EE16J24002	M Dilli Babu	CSIR-NAL, Bangalore	Engineering Sciences	Abhay A Pashikar	Investigation of pilot workload through simulator and In-flight studies	29.10.2020
53	32EE14A18001	Alka Kumari	CSIR-IICT, Hyderabad	Engineering Sciences	B. Satyavathi	An exploration of process intensifying approach for the removal of morpholine from its aqueous stream: Chemical-physical equilibrium, optimization studies & mathematical modeling	03.11.2020
54	10CC17J26024	Manisha Aher	CSIR-NCL, Pune	Chemical Sciences	Moneesha Fernandes	Effect of 3'-fluoro substitution and loop modification in 2'-phosphodiester-linked thrombin-binding aptamer (TBA) on its structure and function	09.11.2020
55	10CC16A18024	M. Ashok Raju	CSIR-IICT, Hyderabad	Chemical Sciences	B. Davidraju	Design and development of copper based catalysts for the transformation of biomass to value added chemicals	09.11.2020
56	10BB14A02015	Farina Sultan	CSIR-IGIB, New delhi	Biological Sciences	Vivak T. Natarajan	Understanding the role of metabolic remodelling during melanogenesis	09.11.2020
57	10BB16J18030	Ganesh Kumar Raut	CSIR-IICT, Hyderabad	Biological Sciences	Manika Pal Bhadra	Understanding the role of prohibitin in cellular homeostasis and diseases	09.11.2020
58	10BB17J08008	Sushma U	CSIR-CFTRI, Mysuru	Biological Sciences	Alok Kumar Srivastava	Studies on the detection of melamine in food samples	09.11.2020
59	10BB14A03003	K. Santosh Kumar	CSIR-CCMB, Hyderabad	Biological Sciences	Rajan Sankaranaray anan	Mechanism and physiological role of chiral proofreading modules involved in translation of the genetic code	09.11.2020
60	10BB15A08001	Varun Kumar	CSIR-CFTRI, Mysuru	Biological Sciences	Purnima Kaul Tiku	Identification of potential peptide/s from pigeon pea by-product inhibiting 3-hydroxy- 3-methylglutaryl coenzyme a reductase enzyme	11.11.2020

61	10BB14A16024	Rajesh Kumar Jha	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Avinash Mishra	Cloning and characterization of some drought and salt regulatory protein encoding genes from <i>Salicornia brachiata</i>	11.11.2020
62	10BB15A02007	Ananya Nandy	CSIR-IGIB, New delhi	Biological Sciences	Sheetal Gandotra	Studying physiology of mycobacterium in triglyceride rich environment	11.11.2020
63	10BB15J16019	Neha Patel	CSIR-CSMCRI, Bhavnagar	Biological Sciences	S. Haldar	Study the bacterial diversity associated with Indian coral reef ecosystem and their role in coral health	12.11.2020
64	10BB15A38006	Prachurjya Dutta	CSIR-NEIST, Jorhat	Biological Sciences	J Kalita	An investigation of nutritional and medicinal values of a few edible insect species of North-East India	13.11.2020
65	10PP16J24007	Sreevidya	CSIR-NAL, Bangalore	Physical Sciences	Prasanta Chowdhury	Study of GMR based spin valve multilayer systems and their application in angle sensing	18.11.2020
66	10CC14A32014	Himani Uppal	CSIR-NPL, New Delhi	Chemical Sciences	Nahar Singh	Study of functionalized materials for effective removal of toxic contaminants from water	18.11.2020
67	10MM14J45001	Ramees Raja Meer	CSIR-4PI, Bangalore	Mathematical & Information Sciences	Imtiyaz A Parvez	Crustal structure and quantified earthquake hazard in the North-West Himalayas	18.11.2020
68	10CC16J32008	Srishti Jain	CSIR-NPL, New Delhi	Chemical Sciences	Sudhir Kumar Sharma	Chemical characterization and source apportionment of aerosols using receptor models at different urban sites of Indo Gangetic Plains (IGP) of India	18.11.2020
69	10CC15A19002	Ajay K Chouhan	CSIR-IIP, Dehradun	Chemical Sciences	Om P Khatri	Chemically functionalized graphene: Lubricant additive to thin film lubrication	18.11.2020
70	20EE13A31008	Vikas Singh	CSIR-NML, Jamshedpur	Engineering Sciences	Suchandan Kumar Das	Mathematical modelling and plant studies of steel flow and solidification phenomena in a high-speed slab caster	20.11.2020
71	10BB13J10009	Nimisha Tiwari	CSIR-CIMAP, Lucknow	Biological Sciences	Anirban Pal	Immune-modulating and adjuvant potential of <i>Asparagus racemosus</i> against pathogens microbes viz., <i>Salmonella typhimurium</i> and <i>Staphylococcus aureus</i>	20.11.2020
72	10BB15A39025	Salin Raj P	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	K.G. Raghu	Elucidation of hyperglycaemia mediated mitochondrial dysfunction and associated complications in heart and evaluation of ferulic acid against the same	20.11.2020
73	10BB16A33010	Meenakshi Thakur	CSIR-IHBT, Palampur	Biological Sciences	Rakesh Kumar	Studies of microclimate modification and pruning time on growth, yield and quality of damask rose ( <i>Rosa damascena</i> Mill.)	20.11.2020

74	10CC15J32013	Rahul Sharma	CSIR-NPL, New Delhi	Chemical Sciences	Parveen Saini	Designing of graphene based 3D assemblies and their application in wastewater treatment	24.11.2020
75	10CC15A18023	K Satyam	CSIR-IICT, Hyderabad	Chemical Sciences	S. Suresh	Development of <i>N</i> -heterocyclic carbene (NHC) catalyzed novel umpolung strategies for the synthesis of biologically important, natural $\beta$ -carboline and dibenzoxepine derivatives	24.11.2020
76	10CC15J19001	Astha Shukla	CSIR-IIP, Dehradun	Chemical Sciences	Rajaram Bal	Development of nanocatalysts for reduction of nitroarenes and C-C bond forming reactions	24.11.2020
77	10CC16A18043	Veerabhush anam Kadiyala	CSIR-IICT, Hyderabad	Chemical Sciences	Galla V. Karunakar	Gold-catalyzed formation of 6-hydroxyindoles, 11H-benzo[ <i>a</i> ]carbazole-9-ols and furan substituted 2,3-dihydroquinazolinones	24.11.2020
78	10CC15A32010	Shilpi Verma	CSIR-NPL, New Delhi	Chemical Sciences	Surinder P. Singh	Investigation on graphene oxide based nanocomposites for point-of-care electrochemical biosensors	24.11.2020
79	10CC16A18015	K. Mallesh	CSIR-IICT, Hyderabad	Chemical Sciences	Ch. Raji Reddy	Development of new synthetic strategies towards fused isoquinolone based alkaloids and pandangolide 1	24.11.2020
80	32EE15A41005	Sumon Dey	CSIR-SERC, Chennai	Engineering Sciences	Madan Kumar Lakshmanan	Design and optimization of solar tree for smart cities	24.11.2020
81	20EE14A32031	Lalit Mohan Joshi	CSIR-NPL, New Delhi	Engineering Sciences	Anurag Gupta	Electrical and magnetic properties of superconductors with constrained dimensions	24.11.2020
82	10BB13J18063	M. Rajasekhar	CSIR-IICT, Hyderabad	Biological Sciences	M. Srinivasa Rao	Geo-spatial approach for the integrated control of malaria in Visakhapatnam district of Andhra Pradesh	24.11.2020
83	10PP15A32006	Shubhda Srivastava	CSIR-NPL, New Delhi	Physical Sciences	T.D. Senguttuvan	Graphene synthesis by chemical vapour deposition technique and its gas sensing applications	25.11.2020
84	20EE12A15018	Girish Chandra Mohanta	CSIR-CSIO, Chandigarh	Engineering Sciences	Akash Deep	Development of zeolitic imidazolate framework-8 (ZIF-8) based drug delivery platforms	25.11.2020
85	32EE14A01002	Santhakumar G.	CSIR-CBRI, Roorkee	Engineering Sciences	S.R. Karade	An investigation on performance enhancement of recycled aggregate mortar	25.11.2020
86	32EE14A18002	Pavani Vadthy	CSIR-IICT, Hyderabad	Engineering Sciences	S. Sridhar	Processing of aqueous solutions by novel membrane separation techniques for reclamation of value added products	25.11.2020

87	10BB14A08015	Rahul G	CSIR-CFTRI, Mysuru	Biological Sciences	Ajay Tumaney	Understanding the mechanism of polyunsaturated fatty acid (PUFA) accumulation in chia ( <i>Salvia hispanica</i> ) seeds	26.11.2020
88	10BB13A37009	Bhumika Wadhwa	CSIR-IIIM, Jammu	Biological Sciences	Fayaz Malik	To explore the role of AKT isoforms in cancer cell plasticity and therapeutic response	26.11.2020
89	10CC16A26030	Aarti Gaikwad	CSIR-NCL, Pune	Chemical Sciences	C.V. Rode	Development of one step combustion method at liquid-liquid interface for the synthesis of semiconductors quantum dot thin films	27.11.2020
90	10CC14J18030	M.M.Ch. Sekhar Jaggarapu	CSIR-IICT, Hyderabad	Chemical Sciences	Rajkumar Banerjee	Towards development of receptor-targeted carbon nanospheres and lipid-based therapeutics against brain and pancreatic cancer	27.11.2020
91	10CC15A39005	Sarnya Giridharan	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	A. Ajayaghosh	Design, synthesis and studies on new molecular probes for diagnosis and treatment of cancer	02.12.2020
92	10CC17J26036	Siddheshwar Bhange	CSIR-NCL, Pune	Chemical Sciences	Sreekumar Kurungot	Heteroatom (N/S) doped graphitic carbon coordinated with transition metals (Fe/Co) as platinum-free electrocatalysts for energy applications	03.12.2020
93	10CC13A18033	V. Venu Gopal	CSIR-IICT, Hyderabad	Chemical Sciences	Rajkumar Banerjee	Design, synthesis and bioactivity evaluation of novel receptor specific lipids and carbon monoxide releasing molecules for chemo-immunotherapy of brain tumor and chemotherapy of melanoma tumor	03.12.2020
94	10CC15J37025	Rohit Singh	CSIR-IIIM, Jammu	Chemical Sciences	Ram A. Vishwakarma	Modification of natural products for the potential anti-inflammatory effects and development of synthetic methodology	03.12.2020
95	10CC15J18039	Shantharjun	CSIR-IICT, Hyderabad	Chemical Sciences	Rajender Reddy	Iron or iodine mediated C-C, C-X (X=N, O, I) bond formation reactions on quinoline and isoquinoline derivatives: application towards the synthesis of arsindoline-a derivatives	03.12.2020
96	10CC15J16007	Romil Mehta	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Amit Bhattacharya	Separation of pesticides from water through low pressure tailor-made membranes	03.12.2020
97	10BB14J08001	Amarjeet Kumar	CSIR-CFTRI, Mysuru	Biological Sciences	V.B. Kudachikar	Extension of shelf life of fresh mango and tomato fruits with special reference to control anthracnose disease by using plant based volatile bioactive molecule(s).	09.12.2020
98	10BB14A02011	Deepthi Shankaran	CSIR-IGIB, New Delhi	Biological Sciences	Vivek Rao	Novel mechanism of type I IFN induction by modern <i>Mycobacterium tuberculosis</i> strains and its relevance in immune pathogenesis and disease progression	09.12.2020

99	10BB15J08002	Prakruthi Appiah	CSIR-CFTRI, Mysuru	Biological Sciences	Prasanna Vasu	Designing, expression and characterization of large neutral amino acid rich protein for possible application in phenylketonuria	09.12.2020
100	10BB14A25002	Sonal Srivastava	CSIR-NBRI, Lucknow	Biological Sciences	Suchi Srivastava	Role of phosphate accumulating bacteria in abiotic stress amelioration and elucidation of its mechanism	09.12.2020
101	10MM15J44001	Sivakami Dhulap	CSIR-URDIP, Pune	Mathematical & Information Sciences	Paromita Banerjee	Non-obviousness for patentability: statutory requirements and implications for IP strategy: (pharmaceutical inventions: Case study)	09.12.2020
102	32EE13A41004	Smriti Raj	CSIR-SERC, Chennai	Engineering Sciences	B.H. Bharatkumar	Investigation on structural behaviour of near optimal configuration of sandwich panel	09.12.2020
103	20EE13A15009	Shambo Roy Chowdhury	CSIR-CSIO, Chandigarh	Engineering Sciences	Vinod Karar	Signal acquisition and processing strategies for e-nose sensor arrays	09.12.2020
104	32EE14A15010	Rashmi Achla Minz	CSIR-CSIO, Chandigarh	Engineering Sciences	Samir K Mondal	Nanostructured optical fiber probes as plasmonic sensor	09.12.2020
105	10BB14A16020	Ankita Alexander	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Avinash Mishra	Differential expression of some important genes of <i>Arachis hypogaea</i> after inoculation with plant growth promoting rhizobacteria	10.12.2020
106	10CC16J05008	C Venkateswara	CSIR-CFTRI, Mysuru	Chemical Sciences	S. Senthil Kumar	Impact of reactive oxygen species in electrogenerated chemiluminescence	11.12.2020
107	10CC15A18032	Makane Vitthal Balaji	CSIR-IICT, Hyderabad	Chemical Sciences	Haridas B. Rode	Synthesis of novel $\alpha$ -aminoacyl amides, oxadiazoles and 4,5-dihydropyrrolo[1,2-a]quinoxaline derivatives as antituberculosis agents	11.12.2020
108	10BB15A26036	Amit Kumar Sahu	CSIR-NCL, Pune	Biological Sciences	Syed G Dastager	Bioactive potentials of novel Streptomyces: Fermentation, purification, structural elucidation with in-vitro, in-vivo efficacy and its toxicity evaluation	17.12.2020
109	20EE12A15004	Punjan Dohare	CSIR-CSIO, Chandigarh	Engineering Sciences	Amol P Bhondekar	Understanding olfaction: A CFD based approach for the development of bio-inspired sensor chamber for electronic nose	17.12.2020
110	20EE12A45001	Ashapurna Marndi	CSIR-4PI, Bangalore	Engineering Sciences	G K Patra	Time series analysis with deep learning: Applications to environmental data	17.12.2020
111	30EE15A09001	Sukanya Kundu	CSIR-CGCRI, Kolkata	Engineering Sciences	M. K. Naskar	Porous carbon, layered-double hydroxides and their composites for waste water treatment	17.12.2020

112	10MM13A30004	Debanjana Dey	CSIR-NISTADS, New Delhi	Mathematical & Information Sciences	Suman Ray	Science and policy convergence in livestock breeding and biodiversity in India	17.12.2020
113	10CC16A18025	Naresh Gantasala	CSIR-IICT, Hyderabad	Chemical Sciences	P. Srihari	Stereoselective total synthesis of (-)-dolabriferol; studies towards the synthesis of polyketide disciformycins A & B and synthetic analogues of aspergillide-C	17.12.2020
114	10CC16A32029	Hema Bhardwaj	CSIR-NPL, New Delhi	Chemical Sciences	G. Sumana	Nanostuctured material integrated immunosensor for food toxin detection	17.12.2020
115	32EE15A31002	Minal Shah	CSIR-NML, Jamshedpur	Engineering Sciences	Swapan Kr Das	Study on the kinetics of nano-structured bainitic steels	17.12.2020
116	10CC15J18021	Upare Atul Nandkumar	CSIR-IICT, Hyderabad	Chemical Sciences	Ch. Raji Reddy	Development of oxime acetate based novel annulations: Synthesis of pyrimidine, pyrrolo[2,1-a]isoindoledione and chromenopyrrole	24.12.2020
117	10CC17A04031	Rohit Singh	CSIR-CDRI, Lucknow	Chemical Sciences	T Narendra	Isolation and chemical transformation of natural products and synthesis of natural products analogues of biological importance	24.12.2020
118	10CC15J05001	Sanivarapu Suresh	CSIR-CECRI, Karaikudi	Chemical Sciences	G. Sreedhar	Photo-electrochemical water splitting behavior of rare earth metal node complexes	24.12.2020
119	10CC14A26008	Anup Kumar Singh	CSIR-NCL, Pune	Chemical Sciences	K. Krishnamoorthy	Self-assembly of i-Indigo molecules	24.12.2020
120	10BB14J25006	Vinod Kumar	CSIR-NBRI, Lucknow	Biological Sciences	Vidhu A. Sane	Characterization of root specific transcription factor SIMYBHTH from tomato	24.12.2020
121	10BB14A04001	Sourav Chattopadhyay	CSIR-CDRI, Lucknow	Biological Sciences	Sabyasachi Sanyal	Investigating the effect of sexual dimorphism on AdipoR1 expression and adiponectin signalling pathway	24.12.2020
122	10BB16A25009	Ashish Sharma	CSIR-NBRI, Lucknow	Biological Sciences	P. K. Trivedi	CRISPR/Cas9-mediated genome editing of Arabidopsis thaliana miR858 and functional characterization of associated miPEP	24.12.2020
123	10BB14A02032	Shweta	CSIR-IGIB, New Delhi	Biological Sciences	Malabika Datta	To study the role of mitochondria-associated ER membrane (MAM) proteins in ER-mitochondria interaction during pancreatic cell death	24.12.2020
124	20EE13A15007	Yogeshwar Singh Dadwal	CSIR-CSIO, Chandigarh	Engineering Sciences	Satish Kumar	Automated detection of disaster victims in cluttered environments	24.12.2020

125	10PP15A32002	Satbir Singh	CSIR-NPL, New Delhi	Physical Sciences	Bipin Kumar Gupta	Synthesis and characterizations of luminomagnetic materials for strategic applications	24.12.2020
126	10BB15A16008	Bachani Pooja	CSIR- CSMCRI, Bhavnagar	Biological Sciences	Sandhya Mishra	Studies on potassium solubilizing bacteria using K-feldspar for its application as plant growth promoter	24.12.2020
127	10BB14A02006	Ananda Kishore Mukherjee	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Chowdhury	Transcriptional activity of TRF2 is telomere length dependent	24.12.2020
128	10CC15A16002	Chiranjit Sen	CSIR- CSMCRI, Bhavnagar	Chemical Sciences	Subhash Chandra Ghosh	Regioselective C–C and C–Heteroatom bond formation via C–H bond functionalization	31.12.2020
129	32EE13A01007	Monalisa	CSIR-CBRI, Roorkee	Engineering Sciences	N. Gopalakrishnan	Influence of recycled fine aggregates on performance of self-compacting concrete	31.12.2020
130	10CC17J05001	Anantharaj	CSIR-CECRI, Karaikudi	Chemical Sciences	V. Saranyan	Interfacial modifications of photoanode for dye-sensitized solar cells	31.12.2020
131	10CC16J37012	Shweta Sharma	CSIR-IIIM, Jammu	Chemical Sciences	Parvinder Pal Singh	Medicinal chemistry of small molecule disrupters of Nef-CD80/CD86 interaction: Validation and lead optimization to develop new generation anti-HIV agents	31.12.2020

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