



वैज्ञानिक और नवीकृत अनुसंधान अकादमी
ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH
(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19,
Kamla Nehru Nagar, Ghaziabad – 201002, U.P., India

एसीएसआईआर, सीएसआईआर-एचआरडीसी परिसर, सेक्टर - 19,
कमला नेहरू नगर, गाज़ियाबाद - 201002, उ.प्र., भारत

No. AcSIR/7/10(1)-2024

Dated: January 30, 2024

NOTIFICATION

It is notified for all concerned that, the Chairman, Senate, Academy of Scientific and Innovative Research (AcSIR) dated 30.01.2024, has approved the notification for award of the Ph.D degree of the following students in the months September to December, 2023

Sl. No.	Registration Number	Name	AcSIR Academic Centre	Faculty	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	10BB17A11004	Surya Lakshmi P	CSIR-CLRI, Chennai	Biological Sciences	N. Ayyadurai	Ribosomal synthesis of L-3,4-dihydroxyphenylalanine (L-DOPA) incorporated proteins for bio-medical applications	02.09.2023
2	10CC17A39016	Krishnapriya K. V.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Nishanth K.G.	Development of eco-friendly anticorrosive coatings from plant leaf extracts for steel protection in marine environment	02.09.2023
3	10CC19J18018	Sanjeev Kumar	CSIR-IICT, Hyderabad	Chemical Sciences	Ajay K Singh	Development of novel strategies and continuous flow approaches for the synthesis of bio-active molecules	04.09.2023
4	10BB15A02003	Aarti Darra	CSIR-IGIB, New Delhi	Biological Sciences	Anurag Agrawal	Gut microbiome and physiology as determinants of metabolic risk in Indians	06.09.2023
5	10CC19A32091	Komal Bhardwaj	CSIR-NPL, New Delhi	Chemical Sciences	Rachana Kumar	An approach towards synthesis of substituted perylenediimides for applications in organic electronics	06.09.2023

6	10BB16J37005	Sabiyah Akhter	CSIR-IIIM, Jammu	Biological Sciences	Qazi Naveed Ahmad	Characterization and evaluation studies of bioactive compounds from <i>Acorus calamus</i> L.; A high value aromatic medicinal plant	06.09.2023
7	10CC19J26009	Prachi Kour	CSIR-NCL, Pune	Chemical Sciences	Shatabdi Mukharjee	Rational design and synthesis of low- dimensional halide perovskites with improved ambient air stability for optoelectronic applications	06.09.2023
8	10CC18A37028	Javeed Ahmad Tali	CSIR-IIIM, Jammu	Chemical Sciences	Ravi Shankar	Site selective functionalisation of 2- phenylimidazo[1,2- a]pyridina-3- carbaldehyde	06.09.2023
9	10CC17A39018	Ajay S. V.	CSIR- NIIST, Thiruvanan thapuram	Chemical Sciences	K.P. Prathish	A study on the emissions of dioxin- like persistent organic pollutants from open burning of municipal solid wastes in Indian context	06.09.2023
10	20EE19J15011	Anas Saifi	CSIR- CSIO, Chandigarh	Engineering Sciences	Kamlesh Kumar	Anthracene and disperse red 1 based visible light and multi- responsive soft actuators	06.09.2023
11	10CC17A26026	Himanshu Bajpai	CSIR-NCL, Pune	Chemical Sciences	Gopinath Subramanian Chinnakonda	Solar light driven photocatalysis for hydrogen and value- added products generation	06.09.2023
12	10BB16A26040	Divya Patni	CSIR-NCL, Pune	Biological Sciences	Santosh Kumar Jha	Thermodynamic regulation of the amyloid-like aggregation of the functional domains of TDP-43	11.09.2023
13	10CC18J26007	Priyanka Halder	CSIR-NCL, Pune	Chemical Sciences	Santosh B Mhaske	Development of novel processes for sulfur- containing scaffolds, natural product orbicularisine and uricosuric agent sulfapyrazone	11.09.2023
14	10BB15A02009	Asgar Hussain Ansari	CSIR-IGIB, New Delhi	Biological Sciences	Debasis Dash	A systematic approach for designing optimized sgRNA for CRISPR-based genome-editing	11.09.2023
15	10BB18J10009	Devendra Kumar	CSIR- CIMAP, Lucknow	Biological Sciences	Saudan Singh	Optimizing deficit irrigation practices for better adaptability, enhancing yield and quality of essential oil in selected cultivars of menthol mint (<i>Mentha arvensis</i> L.)	11.09.2023

16	10BB17A37001	Dilpreet Kour	CSIR-IIIM, Jammu	Biological Sciences	Ajay Kumar	Small molecule-based targeting of NLRP3 inflammasome mediated inflammation	11.09.2023
17	10BB18J04003	Alok Tripathi	CSIR- CDRI, Lucknow	Biological Sciences	Divya Singh	Identification and characterization of novel genes and mi- RNAs regulating osteoblast functions using integrated mi- RNA and m-RNA transcriptome analysis	11.09.2023
18	10BB18J38004	Dibyendu Das	CSIR- NEIST, Jorhat	Biological Sciences	Prasenjit Manna	A study on the antidiabetic potential of protein isolates from indigenous fermented soybean foods of Northeast India	11.09.2023
19	10BB16A11004	Ane Nishitha V	CSIR- CLRI, Chennai	Biological Sciences	K Purna Sai	Molecular insights into Scaffold proteins and their potential application in therapeutics	11.09.2023
20	10BB18J33004	Neha Baliyan	CSIR- IHBT, Palampur	Biological Sciences	Rakshak Kumar	Characterization of probiotics from traditional fermented foods of high-altitude Himalayan region for the formulation of value-added product	11.09.2023
21	10CC17J26012	Asish Bera	CSIR-NCL, Pune	Chemical Sciences	Pradip Maity	Phosphite catalysed enantioselective radical reactions	11.09.2023
22	10PP18A32015	Pooja Semalti	CSIR-NPL, New Delhi	Physical Sciences	S N Sharma	An investigation of multicomponent chalcogenides-based nanocrystals for emerging energy harvesting applications	11.09.2023
23	20EE17A15018	Lalit Maurya	CSIR- CSIO, Chandigarh	Engineering Sciences	Prasant Kumar Mahapatra	Non-contact breathing monitoring using visible-thermal imaging	11.09.2023
24	10CC19A05008	Nasrin Kabeer	CSIR- CECRI, Karaikudi	Chemical Sciences	M Sathish	Mxene-based hybrid materials for next generation supercapacitor application	18.09.2023
25	10PP18J32005	Pardeep	CSIR-NPL, New Delhi	Physical Sciences	Basheed G.A.	Structural, magnetic and magneto-transport studies of skyrmions host β -Mn type $\text{Co}_{10-x}\text{Zn}_{10-x}/2\text{Mn}_x$ ($x = 0, 2, 4 \& 6$) chiral magnets	18.09.2023
26	10PP18A32032	Manju Kumari	CSIR-NPL, New Delhi	Physical Sciences	S R Dhakate	Growth of acid phthalate family single crystals and its characterization for optical applications	18.09.2023

27	10CC18A16022	Sumesh Chandra Upadhyay	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Arvind Kumar	Studies on separation of pure salts from effluent / solid waste generated from chemical industries	18.09.2023
28	10BB18J16007	Ghadge Vishal Ashok	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Pramod B. Shinde	Insights on structure and application of eumelanin isolated from endophytes of <i>Salicornia brachiata</i> Roxb.	18.09.2023
29	10BB16J25004	Vandana Anand	CSIR-NBRI, Lucknow	Biological Sciences	Suchi Srivastava	Studies on plant microbe co-operation as a tool for arsenic stress amelioration in rice	18.09.2023
30	10BB17A04014	Unnati Kushavah	CSIR-CDRI, Lucknow	Biological Sciences	Mohammad Imran Siddiqi	Computer-aided identification of potential inhibitors with therapeutic relevance in type II Diabetes	18.09.2023
31	10BB16A22003	Archana Yadav	CSIR-IITR, Lucknow	Biological Sciences	Chetna Singh	Secondary signaling molecules and apoptotic mechanisms involved in maneb- and paraquat-induced toxicity in rat polymorphs/HL-60 cells	18.09.2023
32	10PP17J38004	Chandan Dey	CSIR-NEIST, Jorhat	Physical Sciences	Santanu Baruah	Seismotectonics and earthquake precursor studies in and around the Kopili Fault based on multiple geophysical approach	18.09.2023
33	10CC19J18002	Banoth Venkateswara Rao	CSIR-IICT, Hyderabad	Chemical Sciences	K. Suresh Babu	Isolation and synthetic studies of secondary metabolites from traditional medicinal plants (<i>Mallotus philippensis</i> & <i>Leonotis nepetifolia</i>) and evaluation of their anti-cancer activities	18.09.2023
34	10CC17J10002	Nannaware Ashween Deepak	CSIR-CIMAP, Lucknow	Chemical Sciences	P. K. Rout	Improved distillation process for the isolation of volatiles from aromatic plants using solar energy and comparison with conventional energy sources	18.09.2023
35	10BB17A04005	Anuradha Seth	CSIR-CDRI, Lucknow	Biological Sciences	Susanta Kar	Dissecting the role of protein arginine methyltransferases in the pathogenesis of experimental visceral leishmaniasis	18.09.2023
36	10BB15A22016	Vipin Kumar Yadav	CSIR-IITR, Lucknow	Biological Sciences	Amit Kumar	Dissecting the contribution of different types of autophagy in K-ras driven genotoxic stress and tumorigenesis	18.09.2023

37	20EE17A35001	Anshul Badkul	CSIR-AMPRI, Bhopal	Engineering Sciences	S Saxena	Design and development of metal foam in-filled sandwich panel using experimental & FEM analysis	18.09.2023
38	10CC19A05002	Lawal Usman	CSIR-CECRI, Karaikudi	Chemical Sciences	V Ravi Babu	Tailoring of poly(lactic acid) based composites for sustainable food packaging application	18.09.2023
39	10BB16A22002	Onila Lugun	CSIR-IITR, Lucknow	Biological Sciences	Alok Kumar Pandey	Role of endo-lysosomal pathway in the cobalt oxide nanoparticles (Co ₃ O ₄ -NPs)-induced toxicity	18.09.2023
40	10BB16A08001	SVVS Ravi Mangu	CSIR-CFTRI, Mysuru	Biological Sciences	Kunal Sharan	Understanding the effect of maternal hypercholesterolemia on the offspring's bone developmental programming pathways in mice models and its correlation in human subjects	18.09.2023
41	10CC18A18037	Attunuri Nagireddy	CSIR-IICT, Hyderabad	Chemical Sciences	M Sridhar Reddy	Annulations through carbo-rhodation of alkynes for modular construction of Bi-cyclic scaffolds	18.09.2023
42	10BB17J16005	Madhav Kumar	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Doongar Ram Chaudhary	Isolation, characterization and application of biofilm forming marine bacteria from Gujarat coast	04.10.2023
43	10BB17A19012	Arfin Imam	CSIR-IIP, Dehradun	Biological Sciences	Pankaj K Kanaujia	Multifunctional microbial consortium for removal of polycyclic aromatic hydrocarbons from petroleum contaminated soil	04.10.2023
44	10PP19A28004	Benjamin Boadi	CSIR-NGRI, Hyderabad	Physical Sciences	Sunder Raju Venkata Perumala	Exploration targeting of lode-gold deposits in the sefwi granite-greenstone belt, Ghana: an integrated geoscience and GIS approach	04.10.2023
45	10BB17J39010	Soumya M. P.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	K. Madhavan Nampoothiri	Process development, molecular and chemical approaches to improve the production and bioactivity of an exopolysaccharide from a probiotic <i>Lactobacillus plantarum</i> for food applications	04.10.2023



46	10BB17J39013	Lekshmi Sundar M. S.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	K. Madhavan Nampoothiri	Integrated bioprocess for conversion of xylose to xylonic acid by recombinant <i>Corynebacterium glutamicum</i>	04.10.2023
47	10BB17A25007	Jahnabi Gogoi	CSIR-NBRI, Lucknow	Biological Sciences	Tikam Singh Rana	Taxonomic revision and molecular phylogeny of Indian <i>Uraria</i> Desv. (Leguminosae) and genetic diversity assessment of <i>Uraria picta</i> (Jacq.) Desv. ex DC.	04.10.2023
48	10BB18J04043	Arun Agarwal	CSIR-CDRI, Lucknow	Biological Sciences	J R Gayen	Development and characterization of phytosomes as drug delivery system of formononetin: a potential anti-osteoporotic agent	04.10.2023
49	20EE16J15007	Pallavi Sharma	CSIR-CSIO, Chandigarh	Engineering Sciences	Sudipta Sarkar	Development of divalent ion doped triboluminescence ZnS based composites for impact sensor application	04.10.2023
50	10CC19A16014	Gupta Anil Ramprakash	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Saroj Sharma	Synthesis of metallo-polymeric network of zirconium for the mitigation of toxic ions from water	05.10.2023
51	10CC18A18012	Seetha Bala Subrahanyam	CSIR-IICT, Hyderabad	Chemical Sciences	Mohana Krishna Reddy Mudiam	DES-based DLLME coupled with hyphenated analytical techniques: a viable approach for the development of green analytical methods towards the quantitative analysis of xenobiotics or their biotransformed metabolites in food samples	05.10.2023
52	10BB18A17003	Bidisha Das	CSIR-IICB, Kolkata	Biological Sciences	Krishnananda Chattopadhyay	Role of metal ion co-factors in the aggregation of SOD1	05.10.2023
53	20EE16J12002	Dibyendu Kumar Das	CSIR-CMERI, Durgapur	Engineering Sciences	Dip Narayan Ray	Attention modelling: visual cues and active perception based approach	18.09.2023
54	20EE16J18023	Nandala Shivaprasad	CSIR-IICT, Hyderabad	Engineering Sciences	S. Sridhar	Morphology controlled synthesis, characterization, and separation performance of novel polymeric membranes	07.10.2023
55	10PP18J15003	Saurabh Kaushik	CSIR-CSIO, Chandigarh	Physical Sciences	Tejpal Singh	Understanding Eastern Himalayan cryosphere using remote sensing	07.10.2023

56	10CC17J26005	Mhamane Nitin Bharat	CSIR-NCL, Pune	Chemical Sciences	Gopinath Subramanian Chinnakonda	Towards bridging pressure and material gaps in heterogeneous catalysis: surface science approach	07.10.2023
57	10CC18J04042	Sumit Kumar Rastogi	CSIR- CDRI, Lucknow	Chemical Sciences	Ravindra Kumar	Step-economical synthesis and bio- evaluation of small heterocyclic molecules employing green methodologies	07.10.2023
58	10CC15A43005	Priyanka Kumari Ujala	CSIR- CIMFR, Dhanbad	Chemical Sciences	K M P Singh	Study on effects of gravity fractionation on elemental distribution of some selected coals	07.10.2023
59	10BB18A33016	Shalika Rathore	CSIR- IHBT, Palampur	Biological Sciences	Rakesh Kumar	Enhancement of growth, yield and quality traits of <i>Matricaria chamomilla</i> L. through agronomic interventions in the Western Himalayan region	07.10.2023
60	10BB17A33007	Manglesh Kumari	CSIR- IHBT, Palampur	Biological Sciences	Rajiv Kumar	Exploring the molecular mechanism of <i>Picrorhiza kurroa</i> Royle ex Benth. adaptation along an altitude gradient in the Himalayan region	07.10.2023
61	10BB17J25005	Abhishek Singh Chauhan	CSIR- NBRI, Lucknow	Biological Sciences	Debasis Chakrabarty	VetiverDB: transcriptome database of two <i>Chrysopogon</i> <i>zizanioides</i> morphotypes	07.10.2023
62	10BB18A25020	Ranjith Layola MR	CSIR- NBRI, Lucknow	Biological Sciences	Tikam Singh Rana	Phylogeography and population genetic structure of Indian wild bananas (<i>Ensete</i> <i>superbum</i> and <i>Ensete</i> <i>glaucum</i>)	07.10.2023
63	10CC18A26006	Wagh Mahendra Ashok	CSIR-NCL, Pune	Chemical Sciences	Gangadhar Jessy Sanjayan	<i>De novo</i> designed triple and quadruple hydrogen bonded motifs: synthesis and structural investigations	07.10.2023
64	10CC15J39005	Daisymol K. B.	CSIR- NIIST, Thiruvanan thapuram	Chemical Sciences	K.R. Gopidas	Design, synthesis and photo-physical studies of donor-acceptor systems for achieving long-lived charge- separated state	07.10.2023
65	10CC17J18010	Gangathade Namdeo Bhimrao	CSIR-IICT, Hyderabad	Chemical Sciences	S Chandrasekhar	Synthetic studies towards teixobactin, dysoxylactam A and dihydroacremol	07.10.2023
66	10CC17A04028	Sajiya Parveen	CSIR- CDRI, Lucknow	Chemical Sciences	Atul Goel	Synthesis of N/S- Heterocyclic compounds for biomedical application	07.10.2023

67	50BB15A08003	Neenu RaviKumar	CSIR-CFTRI, Mysuru	Biological Sciences	Vikas Singh Chauhan	Amelioration of vitamin B12 and micronutrient deficiency through <i>Spirulina</i> supplementation	07.10.2023
68	10PP18A28021	Balaboina Vikramraju	CSIR-NGRI, Hyderabad	Physical Sciences	M Ram Mohan	Petrological and geochemical characterization of granitoids from the north-eastern part of the Eastern Dharwar Craton, India	07.10.2023
69	10BB18J08001	Jyoti Semwal	CSIR-CFTRI, Mysuru	Biological Sciences	M.S. Meera	Prolamin and resistant starch of sorghum as functional ingredients: effect of processing	07.10.2023
70	10BB18A22013	Renu Negi	CSIR-IITR, Lucknow	Biological Sciences	A. B. Pant	Human iPSCs derived brain organoid: potential applicability to assess the neurotoxicity/neurodegeneration	07.10.2023
71	10BB15A22008	Kavita Dubey	CSIR-IITR, Lucknow	Biological Sciences	Alok Pandey	Studies on physico-chemical characteristics and potential toxicity of size-fractionated urban particulate matter	07.10.2023
72	10CC19J33004	Rahul Kumar	CSIR-IHBT, Palampur	Chemical Sciences	Sushil Kumar Maurya	Synthesis of small molecule-drug conjugates and their therapeutic efficacy	08.10.2023
73	10CC17A39014	Indulekha M	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	A Ajayghosh	Metal-organic assemblies for multifunctional electrochromic materials and devices	08.10.2023
74	10CC17J26015	Veer Sairam Dnyaneshwar	CSIR-NCL, Pune	Chemical Sciences	Santhosh Babu Sukumaran	New molecular designs for donor-acceptor strapped macromolecules and polymers of perylenebisimide	08.10.2023
75	10CC17J26034	Abha Dangi	CSIR-NCL, Pune	Chemical Sciences	Udaya Kiran Marelli	Study of conformations in <i>N</i> -substituted peptides beyond <i>N</i> -methylation & development of bioactive peptide analogs based on Tau derived AcPHF6 and AcPHF6*, and Icosalide A	08.10.2023



76	10CC17A26013	Lakshmi Goswami	CSIR-NCL, Pune	Chemical Sciences	A.K. Bhattacharya	Design and synthesis of potent bioactive scaffolds via [3+2] cycloaddition, glaser and Cadiot-Chodkiewicz coupling reactions; Cu catalyzed C-C bond forming reactions employing donor-accepter cyclopropanes and bioactives from <i>Aspergillus terreus</i>	08.10.2023
77	10BB18A04024	Suparna Kumari	CSIR-CDRI, Lucknow	Biological Sciences	Rajesh Kumar Jha	Evaluation of stomatin-like protein 2 (SLP-2) in pathogenesis of endometriosis	08.10.2023
78	10CC18A19001	Shivam Rawat	CSIR-IIP, Dehradun	Chemical Sciences	T Bhaskar	Lignocellulosic biomass and saccharide-derived functional carbons for supercapacitor applications	14.10.2023
79	10BB20J33004	Vijay Kumar Bhardwaj	CSIR-IHBT, Palampur	Biological Sciences	Rituraj Purohit	Elucidation of the therapeutic potential of plant-derived Himalayan bioactive molecules against a diverse target space by advanced computational tools	17.10.2023
80	10MM15J30004	Priti	CSIR-NIScPR, New Delhi	Mathematical and Information Sciences	Vipan Kumar	Resource potential of biodegradable waste: quantification and pathways	17.10.2023
81	20EE19J36005	Supriya Gupta	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Asheesh K Yadav	Development of innovative electroactive constructed wetlands to enhance wastewater treatment performance and resource recoveries	17.10.2023
82	20EE18J26014	Shetty Rohit Ravi	CSIR-NCL, Pune	Engineering Sciences	Sanjay Pandurang Kamble	Treatment of industrial and domestic wastewater using advanced techniques	17.10.2023
83	10BB17A08005	Duppeti Haritha	CSIR-CFTRI, Mysuru	Biological Sciences	Bettadaiah B. K.	Characterization of flavor compounds from the shrimp <i>Litopenaeus vannamei</i>	17.10.2023
84	20EE16J08012	Jyoti Lavania	CSIR-CFTRI, Mysuru	Engineering Sciences	Navin Kumar Rastogi	Solvent resistant nanofiltration membranes for processing rice bran oil	17.10.2023
85	10BB17A37011	Gifty Sawhney	CSIR-IIIM, Jammu	Biological Sciences	Zabeer Ahmad	Evaluation of anti-inflammatory activity of Arteannuin-B and its novel spiroisoxazoline derivatives	17.10.2023

86	10BB17A22007	Annapurna Maurya	CSIR-IITR, Lucknow	Biological Sciences	Abhay Raj	Studies on bacterial biofilm mediated bioremediation of tannery effluent for environmental safety	17.10.2023
87	10BB15A02027	Ragavendran P V	CSIR-IGIB, New Delhi	Biological Sciences	Sheetal Gandotra	Role of <i>Mycobacterium tuberculosis</i> membrane proteins in modifying its complex lipids	17.10.2023
88	10BB17A08002	Anjali P	CSIR-CFTRI, Mysuru	Biological Sciences	Sreedhar R V	Genetic transformation of <i>Linum usitatissimum</i> (flax) with <i>Delta-6-desaturase</i> from <i>Buglossoides arvensis</i>	17.10.2023
89	10BB17A04020	Salique Hassan Shaham	CSIR-CDRI, Lucknow	Biological Sciences	Renu Tripathi	Role of LEF and TCF protein in Cerebral Malaria	17.10.2023
90	50BB16A08038	Tehreem Maradagi	CSIR-CFTRI, Mysuru	Biological Sciences	P. Ganesan	Elucidation of molecular mechanism underlying the inhibitory potential of lutein/zeaxanthin on high glucose-induced proliferation of human hepatocellular carcinoma (HepG2) cells	17.10.2023
91	10BB17A04006	Bandita Nayak	CSIR-CDRI, Lucknow	Biological Sciences	Satish Mishra	The Neddylation pathway of <i>Plasmodium</i> is essential for mosquito transmission	17.10.2023
92	10BB16A04020	Varsha Kumari	CSIR-CDRI, Lucknow	Biological Sciences	Niti Kumar	Understanding the role of RBR-E3 ubiquitin ligase in <i>Plasmodium falciparum</i>	17.10.2023
93	10CC17A26002	Deshpande Pooja Shrikant	CSIR-NCL, Pune	Chemical Sciences	B L V Prasad	Development of electrocatalyst with better efficiency: revisiting methanol oxidation process	17.10.2023
94	10PP16A32011	Babita	CSIR-NPL, New Delhi	Physical Sciences	Dilip Dhondiram Shivagan	Optimization of thermal parameters for Acoustic Gas Thermometry (AGT)	26.10.2023
95	10CC17J26038	Kakde Navnath Ramrav	CSIR-NCL, Pune	Chemical Sciences	Asha K	Green approaches to synthesis and scale-up of π -conjugated polymers	26.10.2023
96	10MM19A42002	Ankita Rathore	CSIR-NIScPR, New Delhi	Mathematical and Information Sciences	G. Mahesh	Public perception of nanotechnology in India	09.11.2023
97	50BB15A08004	Ajana P	CSIR-CFTRI, Mysuru	Biological Sciences	Vikas Singh Chauhan	Modulators of glucose metabolism from <i>Spirulina</i> and elucidation of their mechanism of action	20.11.2023

98	10CC18A32062	Archana	CSIR-NPL, New Delhi	Chemical Sciences	S. N. Sharma	Green route synthesis of metal/metal oxide nanoparticles and nano-composites for biological applications	20.11.2023
99	10BB16A02011	Manoj Kumar	CSIR-IGIB, New Delhi	Biological Sciences	Debojyoti Chakraborty	Tracing neuronal sub- lineages using Cas9- mediated genetically encoded fluorescent barcodes	20.11.2023
100	10PP18A32006	Ashish Bhatt	CSIR-NPL, New Delhi	Physical Sciences	D. D. Shivagan	Development and metrological characterization of metal-carbon eutectic sources for thermometry applications	20.11.2023
101	10CC17A04030	Lalita Devi	CSIR- CDRI, Lucknow	Chemical Sciences	Namrata Rastogi	Exploring diazo group chemistry for the synthesis of privileged aza-heterocycles	20.11.2023
102	10PP18A32011	Jyoti Saroha	CSIR-NPL, New Delhi	Physical Sciences	S. N. Sharma	Transition metal oxide- based hybrid nanocomposites for photocatalytic and energy storage applications	20.11.2023
103	10CC20J37034	Ankita Sharma	CSIR-IIIM, Jammu	Chemical Sciences	Sandip B Bharate	Exploration of the coumarin scaffold to discover the multi- targeted ligands for Alzheimer's disease	20.11.2023
104	10PP18A32035	Mohd Asif	CSIR-NPL, New Delhi	Physical Sciences	Ashok Kumar	Resistive switching for nonvolatile memory elements	20.11.2023
105	10PP18A32033	Manoj Kumar	CSIR-NPL, New Delhi	Physical Sciences	Vidya Nand Singh	Tin selenide for thermoelectric and optoelectronic applications	20.11.2023
106	10BB18J04018	Priya Tiwari	CSIR- CDRI, Lucknow	Biological Sciences	Kashif Hanif	A study on the role of Angiotensin Converting Enzyme 2/ Angiotensin (1-7)/ Mas Receptor (ACE2/Ang (1-7)/MasR) axis in neuroinflammation in hypertension	21.11.2023
107	10CC17A18017	S Vinay Kumar	CSIR-IICT, Hyderabad	Chemical Sciences	P Srihari	An integrated continuous flow micro- total process system (μ -TPS) for the synthesis of API's celecoxib, sildenafil and studies towards the total synthesis of paecilomycin C	20.11.2023
108	10CC17A39010	Meghana Mary Thomas	CSIR- NIIST, Thiruvanan thapuram	Chemical Sciences	Saju Pillai	Bio-inspired responsive photonic crystals: photonic band gap modulation for sensing applications	21.11.2023

109	20EE18A36002	Arya Jyoti Deo	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Santosh Kumar Behera	Vision based instrumentation for iron ore disc pelletizer	21.11.2023
110	10CC15A39006	Hazim Fayiz P. N	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Karunakaran Venugopal	Synthesis, photophysical characterization and applications of N-heterocyclic based multibranched donor-acceptor derivatives	21.11.2023
111	10CC17A04024	Dharmendra Katiyar	CSIR-CDRI, Lucknow	Chemical Sciences	Tajender Singh Thakur	Design and synthesis of novel macrocycles and inclusion complexes for drug delivery applications	21.11.2023
112	10CC17J26031	Kale Someshwar Balu	CSIR-NCL, Pune	Chemical Sciences	Utpal Das	Exploring the conjugate addition reactions of <i>para</i> -quinone methides to access spiro, fused heterocycles and diarylmethanes	21.11.2023
113	10CC17A26028	Atapalkar Ranjit Shabu	CSIR-NCL, Pune	Chemical Sciences	A. A. Kulkarni	Continuous flow synthesis of APIs and polymers: mechanochemistry, ozonolysis and anionic polymerization	21.11.2023
114	10PP18A32022	Anju	CSIR-NPL, New Delhi	Physical Sciences	Rina Sharma	High resolution spectroscopy for development of wavelength standards	21.11.2023
115	10BB16A02007	Barun Chatterjee	CSIR-IGIB, New Delhi	Biological Sciences	Soumya Sinha Roy	Understanding the effect of hyperhomocysteinemia on the cardiovascular system	21.11.2023
116	10BB16A22001	Garima Singh	CSIR-IITR, Lucknow	Biological Sciences	Chetna Singh	A study on the molecular mechanism of antioxidant-mediated neuroprotection against zinc-induced Parkinsonism	21.11.2023
117	10CC17J19004	Rubina Khatun	CSIR-IIP, Dehradun	Chemical Sciences	Rajaram Bal	Synthesis of nanostructured catalysts for methane transformation to syngas	21.11.2023
118	10CC17J32014	Priyanka Dutta	CSIR-NPL, New Delhi	Chemical Sciences	G Shumana	Fabrication of uric acid biosensor using morphology controlled advanced metal-oxide nanostructured materials	21.11.2023
119	10BB16A02016	Salwa Naushin	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Sengupta	Multiomics approach to identify potential biomarkers of coronary artery disease: Indian perspective	21.11.2023



120	10BB18A27013	Smita Dutta	CSIR-NEERI, Nagpur	Biological Sciences	Suresh Kumar M.	Bioethanol production from floral waste using thermophilic bacteria	21.11.2023
121	20EE17A08019	Gopika S Kumar	CSIR-CFTRI, Mysuru	Engineering Sciences	Navin K Rastogi	Enriching bioactives from curcumin-removed-turmeric-oleoresin fractions by nanofiltration	21.11.2023
122	10BB17J18047	Konda Satyanand Yadagiri	CSIR-IICT, Hyderabad	Biological Sciences	Mohana Krishna Reddy Mudiam	Application of LC-MS/MS in the monitoring of emerging contaminants and study the effects of plant based nano silver in microorganism through metabolomics	21.11.2023
123	10BB16A26046	Ammu Suresh	CSIR-NCL, Pune	Biological Sciences	Kiran A. Kulkarni	Structural and functional studies on a ribosome biogenesis GTPase, EngA : implications for the design of novel anti-microbial peptides	21.11.2023
124	10BB17A22008	Rajesh Kumar	CSIR-IITR, Lucknow	Biological Sciences	Abhay Raj	Characterization of bacteria for the biodegradation of lignin and feasibility studies to evaluate the biological process for pulp and paper mill effluent treatment	21.11.2023
125	10CC18A26052	Vikash Chaturvedi	CSIR-NCL, Pune	Chemical Sciences	Manjusha V. Shelke	Role of carbon materials to realize high energy ultracapacitor devices	21.11.2023
126	10PP18A32053	Sushantika Choudhary	CSIR-NPL, New Delhi	Physical Sciences	M Saravanan	Synthesis and characterization of cost-effective magnesium-silicon based thermoelectric materials for intermediate temperature range energy conversion applications	21.11.2023
127	10CC16A26026	Darole Ratanamala Subhash	CSIR-NCL, Pune	Chemical Sciences	B Senthil Kumar	Synthesis of anthrone-spirolactam scaffolds via metal-catalysed C-H oxidation of Cyclotriveratrylenes (CTVs): evaluation of biological activity and fluorescence profile	21.11.2023
128	10BB16A26045	Gaurav Tanuja Prabhakar	CSIR-NCL, Pune	Biological Sciences	Ashok P Giri	Characterization of hybrid <i>Ocimum</i> lines using morphological, chemical, and genetic approaches	21.11.2023

129	10BB20J04048	ABDULKAREEM ADAM OLAITAN	CSIR- CDRI, Lucknow	Biological Sciences	Kashif Hanif	A study on the effect of selective estrogen receptor modulation by ormeloxifene on estrogen metabolism in pulmonary hypertension	21.11.2023
130	10BB18J02005	Richa Mishra	CSIR-IGIB, New Delhi	Biological Sciences	Naveen Arora	Immunomodulation by fusion proteins in allergy therapeutics	21.11.2023
131	10BB17J16003	Vaghela Pradipkumar Ghanshyambhai	CSIR- CSMCRI, Bhavnagar	Biological Sciences	Arup Ghosh	Isolation, screening and characterization of bioactive ingredients from seaweeds and development of new formulation(s) for enhancing crop productivity	21.11.2023
132	50BB16A08033	Devika R Nair	CSIR- CFTRI, Mysuru	Biological Sciences	Rama Prasad TR	Understanding the modulatory potentials of probiotic <i>Lactobacillus fermentum</i> MCC2760 on the lipidemic effects of saturated and omega-6 fats in experimental rats	21.11.2023
133	10BB16A02020	Surendra Singh Patel	CSIR-IGIB, New Delhi	Biological Sciences	Beena Pillai	Identification and characterization of factors involved in nerve regeneration from <i>Eisenia fetida</i>	21.11.2023
134	10BB19J18003	Deepika Pamarthy	CSIR-IICT, Hyderabad	Biological Sciences	Nishant Jain	Identification of ferroptosis signatures to tailor small molecule based inhibitor for papillary thyroid cancer	21.11.2023
135	10PP18A28001	Arathi G Panicker	CSIR- NGRI, Hyderabad	Physical Sciences	M. Ram Mohan	Petrogenesis of mafic-ultramafic rocks from the Holenarsipur greenstone belt: implications on the evolution of the Western Dharwar Craton	21.11.2023
136	10BB16A02004	Anjali Bajaj	CSIR-IGIB, New Delhi	Biological Sciences	Sridhar Sivasubbu	Genetics and genomics of cardiac channelopathies in India	21.11.2023
137	10BB16A18077	Mohammed Tanveer Ahmed	CSIR-IICT, Hyderabad	Biological Sciences	Rajkumar Banerjee	Progesterone-cationic lipid conjugate-based nanoaggregates for cancer cell-selective delivery of drug and metal organic frameworks	21.11.2023
138	10CC18A18002	Bhusanur Dnyaneshwar Irappa	CSIR-IICT, Hyderabad	Chemical Sciences	Sidhanath Vishwanath Bhosale	Design, synthesis, self-assembly and sensing applications of functionalized tetraphenylethylene	21.11.2023



139	10CC17J32015	Shiv Prakash	CSIR-NPL, New Delhi	Chemical Sciences	Saroj Kumari	Development of coal tar pitch derived carbon foam for electrocatalytic water splitting	21.11.2023
140	10CC18J18013	Jyoti Kannoujia	CSIR-IICT, Hyderabad	Chemical Sciences	S Prabhakar	Impurity profiling of agrochemicals and evaluation of toxic metabolites of food grains	21.11.2023
141	10CC19A10010	Kripa Shankar Nainawat	CSIR- CIMAP, Lucknow	Chemical Sciences	Atul Gupta	Value addition of naturally occurring Oxygen Heterocycles for biological actions	21.11.2023
142	10PP18A32043	Sudha Yadav	CSIR-NPL, New Delhi	Physical Sciences	Mukesh Jewariya	Growth and characterization of amino acid based single crystals for nonlinear optical and terahertz applications	21.11.2023
143	10PP18J32004	Arjun Singh	CSIR-NPL, New Delhi	Physical Sciences	K. K. Maurya	Design and development of hyperthermia cancer treatment by tuning magnetic fluid characteristics	21.11.2023
144	10BB19J08014	Muguluri Raj Kumar	CSIR- CFTRI, Mysuru	Biological Sciences	Sudheer Kumar Yannam	Non-thermal processing of tender coconut water using UV-C light emission diodes	21.11.2023
145	10BB16A02005	Anurag Raj	CSIR-IGIB, New Delhi	Biological Sciences	Debasis Dash	Development of proteogenomic method for identification and characterization of human tissue specific proteoforms	21.11.2023
146	10BB17A02030	Surabhi Rathore	CSIR-IGIB, New Delhi	Biological Sciences	Lipi Thukral	Molecular switches in Notch signaling pathway	21.11.2023
147	10CC20J37036	Deendyal	CSIR-IIIM, Jammu	Chemical Sciences	Sandip B Bharate	Chromone based CDK inhibitors as anticancer agents: design, synthesis and pharmacological evaluation	04.12.2023
148	10CC18A12014	Riyanka Das	CSIR- CMERI, Durgapur	Chemical Sciences	Priyabrata Banerjee	Synthesis and detailed characterization of redox non-innocent sensory receptors <i>via</i> C-N bond formation reaction and their versatile real-field sensing applications	04.12.2023
149	10BB20J64007	Priya Agnihotri	DST-BSIP, Lucknow	Biological Sciences	Hukum Singh	Eocene arthropods in amber from the Kutch and Cambay Lignites, Gujarat, India: their bearing on palaeoenvironments	06.12.2023

150	20EE18A01003	Ekansh Agarwal	CSIR-CBRI, Roorkee	Engineering Sciences	Anindya Pain	Probabilistic stability analysis of reinforced soil retaining structures under static and seismic conditions	06.12.2023
151	10BB18A20006	Nisha Mahey	CSIR-IMTech, Chandigarh	Biological Sciences	Hemraj Nandanwar	Exploration and evaluation of novel multidrug resistance inhibitors to target ESKAPE pathogens	06.12.2023
152	10PP17A36003	Rojalin Debata	CSIR-IMMT, Bhubaneswar	Physical Sciences	Bibhuranjan Nayak	Mineralogical and petrogenetic studies of the chromite deposit and associated PGE mineralization around Bangur, Boula-Nuasahi area, Odisha, India	06.12.2023
153	10PP18A32008	Yogesh Kumar	CSIR-NPL, New Delhi	Physical Sciences	V.P.S. Awana	Investigation of the magneto-conductivity of topological materials	06.12.2023
154	10PP17A29002	Bhagyashree Doley	CSIR-NIO, Goa	Physical Sciences	Abhishek Saha	Petrology and geochemistry of submarine volcanic arc rocks from Andaman subduction zone, Northeast Indian Ocean: Implications on mantle processes and geodynamic settings	06.12.2023
155	10PP18A32024	Avritti Srivastava	CSIR-NPL, New Delhi	Physical Sciences	Sanjay Kumar Srivastava	Development of efficient hybrid silicon solar cell employing effective surface micro-engineering	06.12.2023
156	10PP17J32002	Shishir Kumar Singh	CSIR-NPL, New Delhi	Physical Sciences	Radhakrishnan S.R.	Studies on aerosols and clouds over a high-altitude station using Raman lidar	06.12.2023
157	10CC18J26001	Ankade Shidheshwar Baliram	CSIR-NCL, Pune	Chemical Sciences	Benudhar Punji	Iron and nickel-catalyzed functionalization of heteroarenes and hydrogenation of ketones	06.12.2023
158	10CC17A26011	Walko Priyanka Shivram	CSIR-NCL, Pune	Chemical Sciences	R Nandini Devi	Visible light driven photocatalytic hydrogen evolution via water splitting using novel approaches in semiconductor catalysts	06.12.2023
159	10BB19A17015	Ankita Sarkar	CSIR-IICB, Kolkata	Biological Sciences	Partha Chakrabarti	Impact of gut microbiota derived metabolites in metaflammation	06.12.2023
160	10PP17A27009	Balwant Pandurang Laxmikant	CSIR-NEERI, Nagpur	Physical Sciences	Paras Ranjan Pujari	Development of a non-invasive geophysical technique to assess the effectiveness of the soil-bioremediation process	06.12.2023

161	10BB17J37003	Pankul Kotwal	CSIR-IIIM, Jammu	Biological Sciences	Utpal Nandi	Exploring the pharmacokinetic modulation of bedaquiline by using phytochemicals under the purview of improved efficacy and better tolerability	06.12.2023
162	10BB17J08002	Mehar Jitendra Gajanan	CSIR-CFTRI, Mysuru	Biological Sciences	Sandeep Mudliar	<i>Spirulina platensis</i> cultivation using automated open raceway pond with CO ₂ -Fed pH control: Metabolite profiling and microbial population dynamics investigation	06.12.2023
163	10BB19J02008	Akash Pratap Singh	CSIR-IGIB, New Delhi	Biological Sciences	Hemant K. Guutam	Inhibition studies on lipases associated with acne disease and their control by natural active compounds	06.12.2023
164	10BB16A02019	Shuvra Shekhar Roy	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Chowdhury	Investigating novel genome regulatory functions of G-quadruplexes	06.12.2023
165	10BB17A02034	Zeba Ahmadi	CSIR-IGIB, New Delhi	Biological Sciences	Pradeep Kumar	Self assembling nanostructures: design and development for biomedical applications	06.12.2023
166	10BB19J02002	Sundaram Acharya	CSIR-IGIB, New Delhi	Biological Sciences	Debojyoti Chakraborty	Rational engineering of an enhanced genome editing protein for therapeutic gene correction	06.12.2023
167	10CC18A37022	Mohammad Yaqoob Bhat	CSIR-IIIM, Jammu	Chemical Sciences	Qazi Naveed Ahmad	Strategic approaches to exigent phosphoroselenoates and amide linkages employing selenosulfonates, alcohols and tetrahydrofuran	06.12.2023
168	10BB18A22010	Ankit Kumar	CSIR-IITR, Lucknow	Biological Sciences	G.C.Kisku	Study of Gomti river water quality and risk assessment using aquatic ecology at Lucknow city stretch	06.12.2023
169	10BB17A22005	Saumya Mishra	CSIR-IITR, Lucknow	Biological Sciences	A.B. Pant	Investigate the cellular responses of experimental exposure of nitrate in human brain cells	06.12.2023
170	10CC17J18028	Arvapally Manasa	CSIR-IICT, Hyderabad	Chemical Sciences	Mohana Krishna Reddy Mudiam	Exploring new and improved analytical approaches for the quantitative evaluation of multi-class analytes in food samples	06.12.2023
171	10CC18A19008	Komal Saini	CSIR-IIP, Dehradun	Chemical Sciences	T Bhaskar	Biomass based carbon materials for wastewater treatment	06.12.2023

172	10CC17A38008	Rajiv Goswami	CSIR-NEIST, Jorhat	Chemical Sciences	Swapnali Hazarika	Studies on thin film nanocomposite polymeric membranes for removal of dyes and charge effect on nanofiltration	06.12.2023
173	10BB16A08004	Raja N	CSIR-CFTRI, Mysuru	Biological Sciences	Usharani Dandamudi	Identification and functional characterization of Alpha Beta Hydrolase Domain (ABHD) containing protein 16B	06.12.2023
174	10BB16J08003	Kanwate Balaji Wamanrao	CSIR-CFTRI, Mysuru	Biological Sciences	Tanaji G. Kudre	Studies on preparation, characterization, and applications of gelatin hydrolysate from <i>Labeo rohita</i> swim bladder	06.12.2023
175	10BB16J16002	Khandare Shrikant Dilip	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Doongar Ram Chaudhary	Bioremediation of chlorine containing plastic by marine bacteria	06.12.2023
176	10BB18A02005	Bani Jolly	CSIR-IGIB, New Delhi	Biological Sciences	Vinod Scaria	Understanding transmission dynamics and clinical severity of COVID-19 using genomic approaches	06.12.2023
177	10BB17A11002	Sisila V	CSIR-CLRI, Chennai	Chemical Sciences	N Ayyadurai	Genetically engineered underwater bioadhesive protein for tissue engineering application	06.12.2023
178	10CC18A05005	Abbasriyaludeen A	CSIR-CECRI, Karaikudi	Chemical Sciences	P Murugan	Synthesis and optoelectronic properties of π -twisted chromophores for bulk heterojunction organic solar cells	06.12.2023
179	20EE18A27005	Ankit Gupta	CSIR-NEERI, Nagpur	Engineering Sciences	Nitin Kumar Labhasetwar	Experimental and computational modelling based optimised design of traditional mud cookstove	08.12.2023
180	10BP17A27014	Navneet Kumar	CSIR-NEERI, Nagpur	Physical Sciences	Anirban Middey	Air pollution coupled with regional weather extreme variability in Vidarbha region: an observation & modelling approach	08.12.2023
181	10PP18A32019	Abhishek Kumar	CSIR-NPL, New Delhi	Physical Sciences	R.P. Aloysius	Low- temperature transport and optoelectronics properties in superconducting tungsten- nanodevices	15.12.2023
182	10CC18J04030	Alisha Ansari	CSIR-CDRI, Lucknow	Chemical Sciences	K.V.Sashidhara	Studies towards the discovery of natural and nature-like molecules as potential biodynamic agents	18.12.2023

183	10CC18A18014	Chellu Ramesh Kumar	CSIR-IICT, Hyderabad	Chemical Sciences	M Sridhar	Novel applications of β -oxodithioesters for the construction of sulfur heterocycles-thiadiazolidines and thiazolidin-4-ones	18.12.2023
184	20EE18J19001	Sudip Kumar Ganguly	CSIR-IIP, Dehradun	Engineering Sciences	Anjan Ray	Studies on optimization of foaming and kinetics of catalytic thiol oxidation in LPG sweetening	18.12.2023
185	10CC18A18013	Chilaka Sai Krishna	CSIR-IICT, Hyderabad	Chemical Sciences	M Sridhar	Novel strategies for the synthesis of Aza-heterocycles by 1,3-dipolar annulation reactions of nitrile oxides and nitrile imines	18.12.2023
186	10CC20J05001	Vinoth R	CSIR-CECRI, Karaikudi	Chemical Sciences	Vinu Mohan AM	Development of wearable microfluidic sensors for electrochemical monitoring of biomarkers in body fluids	18.12.2023
187	10CC18A16002	Krishnan R	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Ankush Biradar	Synthesis of multifunctional catalysts and their applications in biomass valorization	18.12.2023
188	10CC18A19007	Vikas Verma	CSIR-IIP, Dehradun	Chemical Sciences	Anil Kumar Sinha	Production of sustainable and renewable fuels using catalytic hydroprocessing pathways	18.12.2023
189	10BB16A37001	Mohammad	CSIR-IIIM, Jammu	Biological Sciences	Nazia Abbas	Molecular cloning and characterization of bHLH transcription factors from <i>Artemisia annua</i> L. and their possible regulatory role in artemisinin biosynthetic pathway	18.12.2023
190	10MM19J42001	Manoj Varghese	CSIR-NIScPR, New Delhi	Mathematical and Information Sciences	Manish Mohan Gore	A comparative study on the impact of interventions to popularise science in Delhi schools	18.12.2023
191	10CC17J32010	Krishan Kumar	CSIR-NPL, New Delhi	Chemical Sciences	Monika J. Kulshrestha	Chemical characteristics and source apportionment of atmospheric organic aerosols in and around Delhi region	18.12.2023
192	10PC17A15006	Poonam Kumari	CSIR-CSIO, Chandigarh	Chemical Sciences	Manoj Kumar Nayak	Magnetic graphene based ion exchangers for separation and detection of ionic species	18.12.2023
193	10BB17J22006	Ishu Singh	CSIR-IITR, Lucknow	Biological Sciences	Y Shukla	Assessment of carcinogenic and co-carcinogenic potential of bisphenol A	18.12.2023

194	10BB16A22014	Anima Kumari	CSIR-IITR, Lucknow	Biological Sciences	Vinay K Khanna	A study to unravel the molecular targets in lambda-cyhalothrin induced neurotoxicity	18.12.2023
195	10CC18A26005	Deshmukh Samadhan Haridas	CSIR-NCL, Pune	Chemical Sciences	Sayan Bagchi	Revealing the molecular picture of surface ligand-interaction in thiocyanate-capped nanocrystals by 2D IR spectroscopy	18.12.2023
196	10BB17A33009	Bipasha Bhattacharjee	CSIR-IHBT, Palampur	Biological Sciences	Vipin Hallan	Functional characterization of At/Cs nuclear factor - YB8 (NF-YB8) transcription factors in viral disease progression	18.12.2023
197	32EE18A15017	Prerita Kalra	CSIR-CSIO, Chandigarh	Engineering Sciences	Vinod Karar	Analysis of visual fatigue while using augmented reality displays in aviation environments	18.12.2023
198	10BB18J25005	Pravesh	CSIR-NBRI, Lucknow	Biological Sciences	Priyanka Agnihotri	Systematic studies on the genus <i>Anemone</i> s.l. (Ranunculaceae) in India	18.12.2023
199	10BB18A18075	Ashaparveen. S	CSIR-IICT, Hyderabad	Chemical Sciences	Ramesh Ummanni	Unravelling the molecular mechanisms of Dimethylarginine Dimethylaminohydrolase-1 (DDAH1) overexpression and its antioxidant role in control of oxidative stress in prostate cancer	18.12.2023
200	10BB16J26021	Ashish Kumar	CSIR-NCL, Pune	Biological Sciences	Thulasiram H V	Transcriptome analysis and functional characterization of triterpene synthases from <i>Euphorbia grantii</i> , <i>Euphorbia tirucalli</i> and <i>Azadirachta indica</i>	18.12.2023
201	10BB19A37017	Raghu Rai Sharma	CSIR-IIIM, Jammu	Biological Sciences	Sheikh Tasduq Abdullah	Mechanistic studies and therapeutic interventions in diet-induced experimental chronic liver damage	18.12.2023
202	10CC18A39010	Aswathy M	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	K V Radhakrishnan	Exploring the anti-cancer potential of phytochemicals against oral squamous cell carcinoma and developing their glycosylation strategies with organic Brønsted acid	18.12.2023
203	10BB17A22002	Jitendra Vishwakarma	CSIR-IITR, Lucknow	Biological Sciences	Sanghamitra Bandyopadhyay	Effect of arsenic and thyroid hormone deficiency on the cerebellum in rats	19.12.2023

204	10CC18A17011	Sandipan Ghorai	CSIR-IICB, Kolkata	Chemical Sciences	R. Natarajan	Chiral self-sorting in metal-organic cages and helicates	26.12.2023
205	20EE16J15006	Amandeep Singh	CSIR-CSIO, Chandigarh	Chemical Sciences	VD Shivlingi	Investigations on shock mitigation of embedded electronics	26.12.2023
206	20EE20J18049	Malluri Siva Naga Sai	CSIR-IICT, Hyderabad	Engineering Sciences	B Satyavathi	Sustainable translation of waste agricultural residues to furfural and its derivatives through a green catalytic route	26.12.2023
207	10CC20J18036	Ratul Paul	CSIR-IICT, Hyderabad	Chemical Sciences	John Mondal	Metalated porous organic polymer for photocatalytic carbon dioxide valorization	26.12.2023
208	10BB17A04004	Anu Chauhan	CSIR-CDRI, Lucknow	Biological Sciences	Sudheer Kumar Singh	Study of selected genes of <i>Mycobacterium tuberculosis</i> for their role in survival and persistence	26.12.2023
209	10BB17A02009	Manish	CSIR-IGIB, New Delhi	Biological Sciences	Mohammed Faruq	Elucidating cellular pathophysiological mechanisms of SCA12 in patient derived cell lines	26.12.2023
210	10BC19A18041	Sandeep Vaidya	CSIR-IICT, Hyderabad	Chemical Sciences	P Sirhari	Molecularly targeted cationic lipid based drug/siRNA delivery for the effective cancer therapy	26.12.2023
211	10BB16A18064	Messa Saraswathi	CSIR-IICT, Hyderabad	Biological Sciences	Suni Misra	Isolation and structural characterization of bioactive metabolites from endophytic fungi for the control of <i>Xanthomonas</i> pathovars	26.12.2023
212	10BB17A33005	Mahinder Partap	CSIR-IHBT, Palampur	Biological Sciences	Ashish Warghat	Development of plant cell culture system for biomass production and enhancement of specialized metabolites in <i>Picrorhiza kurroa</i> (Royle ex benth.); an endangered Himalayan medicinal herb	26.12.2023
213	10BB18A39032	Poornima M. S.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Raghu K G	An <i>in vitro</i> investigation on <i>Dillenia indica</i> L. for its beneficial effects against pathological lipogenesis and adipogenesis	26.12.2023



214	20EE18J26016	Sphurti Kulkarni	CSIR-NCL, Pune	Engineering Sciences	Amol A. Kulkarni	Valorization of waste biomass derived chemicals via supercritical water hydrolysis and continuous flow ozonolysis	26.12.2023
215	10BB16A22015	Anugya Srivastava	CSIR-IITR, Lucknow	Biological Sciences	Vinay Kumar Khanna	Molecular targets in cadmium induced neurotoxicity and protective efficacy of quercetin	26.12.2023
216	10BB18J22001	Alika Sarkar	CSIR-IITR, Lucknow	Biological Sciences	M.P.Singh	A study on a crosstalk of redox-sensitive proteins in cypermethrin-induced parkinsonism	26.12.2023
217	10BB18J18024	A. Niharika Reddy	CSIR-IICT, Hyderabad	Biological Sciences	S.V Kalivendi	Elucidating the role of nitazoxanide mediated mitochondrial uncoupling in the clearance of α -synuclein by autophagy: implications for Parkinson's disease	26.12.2023
218	10BB15J22004	Pramod Kumar	CSIR-IITR, Lucknow	Biological Sciences	G.C.Kisku	Environmental health risk assessment of fine fly ash particles in the vicinity of selected coal thermal power plant	26.12.2023
219	10BB17A26059	Navle Vishwambar Digambar	CSIR-NCL, Pune	Biological Sciences	Koteswara Rao	Prevalence and genetic diversity of mycotoxigenic <i>Fusarium</i> species and their biocontrol agent	26.12.2023
220	10CC18A19004	Ankit Mishra	CSIR-IIP, Dehradun	Chemical Sciences	Anil Kumar Sinha	Renewable fuels preparation using transition metal-based nano-catalysts	26.12.2023
221	10BB18A33002	Kiran Dindhoria	CSIR-IHBT, Palampur	Biological Sciences	Rakshak Kumar	Microbiome analysis of hypersaline environments to elucidate adaptational strategies and bioprospection	26.12.2023
222	10BB17A18051	Jolly Janette Mendonza	CSIR-IICT, Hyderabad	Biological Sciences	Nishant Jain	Understanding the molecular mechanisms of menadione triazole congeners on HDAC Inhibition and miRNA differentiation in neuroblastoma cells	26.12.2023
223	10BB18A04009	Kusum Devi	CSIR-CDRI, Lucknow	Biological Sciences	Baisakhi Moharana	To explore novel strategies to repair emphysematous lung and pulmonary inflammation in airway disorders	26.12.2023
224	10PP17A32009	Prashant Kumar	CSIR-NPL, New Delhi	Physical Sciences	R.P. Pant	Spin dynamic and magneto optical studies on mixed ferrites nanofluids and nanocomposites	26.12.2023

225	10PP18J36003	Rajesh Bhatta	CSIR-IMMT, Bhubaneswar	Physical Sciences	Nilima Dash	Petrographic, mineralogical and geochemical studies of the lower gondwana coals from Talcher basin, Odisha, India	26.12.2023
226	10PP18A32049	Yogesh Singh	CSIR-NPL, New Delhi	Physical Sciences	Vidya Nand Singh	Fabrication and characterization of antimony selenide-based photodetectors	26.12.2023
227	10BB17A04012	Javed Miyan	CSIR-CDRI, Lucknow	Biological Sciences	Smrati Bhaduria	Targeting RAS-mSIN1 interaction selectively inhibits mTORC2: implications in mitigating breast cancer metastasis <i>in vivo</i>	26.12.2023
228	10CC16A11003	Karuppusamy M	CSIR-CLRI, Chennai	Chemical Sciences	V Subramaniam	Rational design and development of organic electronic materials using density functional theory methods	26.12.2023
229	10CC19J22003	Neha Gupta	CSIR-IITR, Lucknow	Chemical Sciences	Devendra Kumar Patel	Method development for contaminants & green synthesis of nanoparticles for extraction of diazepines and metabolomics study of oxazepam on <i>Wistar</i> rat	26.12.2023
230	10CC17A38003	Jyotshna Phukon	CSIR-NEIST, Jorhat	Chemical Sciences	Sanjib Gogoi	Studies on metal-catalyzed annulation reactions of phenylvinylacetamides, pentafulvenes, 4-hydroxycoumarins and phenylpropionic acids	26.12.2023
231	10CC17A18038	Ramesh Gorre	CSIR-IICT, Hyderabad	Chemical Sciences	S Chandrasekhar	Synthetic studies towards (+)-Hongoquercin A&B and N-heterocycles	26.12.2023
232	10CC18A38005	Koushik Dutta	CSIR-NEIST, Jorhat	Chemical Sciences	Ajit Singh	Synthesis of biodegradable polymer film from kraft lignin	26.12.2023
233	10BB16J22003	Ajit Kumar Rai	CSIR-IITR, Lucknow	Biological Sciences	Neeraj K Satija	Role of osteoblast in chemoprotection of acute myelocytic leukemia cells against daunorubicin	29.12.2023
234	10BB19J22007	Srishti Mehrotra	CSIR-IITR, Lucknow	Biological Sciences	Sandeep Sharma	Development of multi-analyte sensors for detection of spoilage in packaged orange juice	29.12.2023

235	10CC18A26003	Kulkarni Anand Mukund	CSIR-NCL, Pune	Chemical Sciences	Chepuri Venkata Ramana	Transition metal catalysed synthesis of tetracyclic heterocyclic compounds and development of phthalic diesters/diamides as potential antifungal agents	29.12.2023
236	10CC17J18024	Munipalle Kiran	CSIR-IICT, Hyderabad	Chemical Sciences	Mangala Gowri Ponnappalli	Targeting neuroblastoma by limonoids from the underutilised fruits of <i>X. granatum</i> , synthesis of new 2-arylidine scaffolds of gedunin and biotransformation of xanthinosin	29.12.2023
237	10CC18J18006	Siva Sankaram Golli	CSIR-IICT, Hyderabad	Chemical Sciences	B.V.Subba Reddy	Development of C-H functionalization strategy for the construction of fused benzimidazole frameworks	29.12.2023
238	10CC19A18014	Devulapally Yogananda Chary	CSIR-IICT, Hyderabad	Chemical Sciences	B V Subba Reddy	Metal catalyzed C-H functionalization of Aza-aromatic systems for the construction of fused and bridged scaffolds	29.12.2023
239	10BB18A18072	Shagufta Haque	CSIR-IICT, Hyderabad	Biological Sciences	C Patra	Therapeutic angiogenesis and toxicological evaluation of smartly engineered casein manganese oxide nanomaterials	29.12.2023
240	10BB16A25007	Bushra Khatoon	CSIR-NBRI, Lucknow	Biological Sciences	Hemant Yadav	Exploration of genetic diversity in guar (<i>Cyamopsis tetragonoloba</i>) germplasm using SNP markers	29.12.2023
241	10CC18A19006	Akash Verma	CSIR-IIP, Dehradun	Chemical Sciences	S Viswanandham	Development of double metal cyanide catalysts for the synthesis of industrially viable polyether polyols	29.12.2023
242	10BB17A37017	Arushi	CSIR-IIIM, Jammu	Biological Sciences	Meenu Katoch	Exploration of myxobacteria for bioactive metabolites	29.12.2023
243	10BB19A33021	Shriya Bhatt	CSIR-IHBT, Palampur	Biological Sciences	Mahesh Gupta	Development of soluble dietary fiber based product and elucidating its role in the management of ulcerative colitis	29.12.2023
244	10BB16J22004	Sarika Yadav	CSIR-IITR, Lucknow	Biological Sciences	Anurag Tripathi	Immunological interventions to generate immune tolerance against allergen and mitigate Type I hypersensitivity	29.12.2023

245	10BB18A10001	Amit Kaushik	CSIR-CIMAP, Lucknow	Biological Sciences	Ashutosh K. Shukla	Investigation of anti-allergic potential of <i>Achyranthes aspera</i> through traditional and modern concepts	29.12.2023
246	10BB16A39018	Suryalekshmi V. A.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Krishnakumar B	Investigation of quorum quenching property of a novel <i>Bacillus velezensis</i> and its application in biofilm control	29.12.2023
247	10BB16J22005	Sanghjyoti Singh	CSIR-IITR, Lucknow	Biological Sciences	Rajnish K Chaturvedi	Role of bisphenol-A exposure on regulation of ubiquitin proteasomal system mediated neurogenesis in the rat brain	29.12.2023
248	10CC17A38004	Lisamoni Kalita	CSIR-NEIST, Jorhat	Chemical Sciences	L. Saikia	Mesoporous CeO ₂ based nanocomposites for organic transformation and environmental remediation	29.12.2023
249	10CC16A17008	Raju Biswas	CSIR-IICB, Kolkata	Chemical Sciences	N Natrajan	Novel synthetic receptors from <i>N,N'</i> -dimethyl urea for the recognition of ions	29.12.2023
250	10CC18J04031	Alka Sharma	CSIR-CDRI, Lucknow	Chemical Sciences	K V Sashidhara	Isolation and synthesis of analogues of bioactive compounds from Indian Medicinal Plants	29.12.2023
251	10CC20J26017	Dongapure Pavan Naganath	CSIR-NCL, Pune	Chemical Sciences	R Nandini Devi	Design and Development of Heterogeneous Catalysts for CO ₂ Hydrogenation Processes and their Mechanistic Studies	29.12.2023
252	10CC18A18034	Gottam Sreenivasulu	CSIR-IICT, Hyderabad	Chemical Sciences	Galla V Karunakar	Synthetic explorations of substituted alkynes to access pyrazolopyridines, benzofulvenes, quinoline and isoquinoline derivatives	29.12.2023
253	10CC18J18003	Akshaya R	CSIR-IICT, Hyderabad	Chemical Sciences	Sutapa Ghosh	Electroactive nanocomposite architectures for energy and neurobiological applications	29.12.2023
254	10PP18A32007	Dheeraj Sah	CSIR-NPL, New Delhi	Physical Sciences	Sushil Kumar	Extraction and analysis of metals and silicon from waste solar modules	29.12.2023
255	10PP21A28002	George Biswas	CSIR-NGRI, Hyderabad	Physical Sciences	Tanvi Arora	Mapping variability in structure and functioning of diverse basaltic aquifers	29.12.2023

256	10PP18A32010	Bijender	CSIR-NPL, New Delhi	Physical Sciences	Ashok Kumar	Capacitive and resistive flexible pressure sensors based on elastomeric dielectric layer	29.12.2023
257	10PP18J32006	Charanjeet Singh	CSIR-NPL, New Delhi	Physical Sciences	Ashok Kumar	Ferroelectric pressure sensors and energy harvesters based on Samarium modified Lead Magnesium Niobate-Lead Titanate ceramics and films	29.12.2023
258	10PP18J32002	Humaira Ghayas	CSIR-NPL, New Delhi	Physical Sciences	Sachchidanand Singh	Effect of aerosols on photosynthetically active radiation and ultraviolet radiation over Delhi	29.12.2023
259	10CC18A39009	Rajimol P. R.	CSIR- NIIST, Thiruvanan thapuram	Chemical Sciences	T P D Rajan	Multifunctional smart coatings derived from biomass extracts for mild steel and aluminium alloys	29.12.2023
260	10BB18J04027	Simmi Anjum	CSIR- CDRI, Lucknow	Biological Sciences	Shakil Ahmed	Understanding the role of Wat1/mLst8, a TOR complex protein in the regulation of mitochondrial integrity in <i>Schizosaccharomyces pombe</i>	29.12.2023
261	10BB17A04003	Anil Kumar Singh	CSIR- CDRI, Lucknow	Biological Sciences	Arun Kumar Trivedi	Deciphering the mechanisms regulating CCAAT/enhancer- binding protein alpha (C/EBP α) stability in cellular differentiation	29.12.2023
262	10CC16A19002	Saurabh Kumar	CSIR-IIP, Dehradun	Chemical Sciences	N Viswanandham	Synthesis of novel porous nano materials as catalysts for the production of fuels and chemicals	29.12.2023
263	10CC19J16004	Surjit Bhai	CSIR- CSMCRI, Bhavnagar	Chemical Sciences	Bishwajit Ganguly	<i>In silico</i> studies on artificial nucleic acids toward their stabilities with metal ions, modified backbones and their use in molecular recognition of DNA & RNA with metals/hydrocarbon surfaces	29.12.2023
264	20EE18J26015	Ghugre Pravin Devram	CSIR-NCL, Pune	Engineering Sciences	Dr. Nilesh A. Mali	Development of energy efficient distillation configurations for separation of binary azeotropic systems	29.12.2023
265	20EE18A35003	Payal Bakshi	CSIR- AMPRI, Bhopal	Engineering Sciences	Asokan Pappu	Development and performance evaluation of mineral waste particulates reinforced polymer composites	29.12.2023

266	20EE19J15025	Naveen Sharma	CSIR-CSIO, Chandigarh	Engineering Sciences	Prashant K Mahapatra	A non-invasive approach for healing assessment of diabetic foot ulcer	29.12.2023
267	20EE17J15008	Keshav Samrat Modi	CSIR-CSIO, Chandigarh	Engineering Sciences	Umesh Tiwari	Analysis and design of the metasurfaces based devices for field enhancement	30.12.2023
268	20EE16J15014	Kaushal Vairagi	CSIR-CSIO, Chandigarh	Engineering Sciences	S. Mondal	Common-path optical coherence tomography with quasi-bessel beam from negative axicon optical fiber tip probe	30.12.2023
269	10CC17A39003	Shibna Balakrishnan	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Joshay Joseph	Design of triphenylamine derivatives for organic electronics applications: synthesis, photophysics and device studies	30.12.2023
270	10BB16A26042	Chaurasiya Arvindkumapr Hirallal	CSIR-NCL, Pune	Biological Sciences	Mahesh J Kulkarni	Evaluation of RAGE polymorphisms and glycated albumin peptides for the risk prediction of type 2 diabetes and diabetic nephropathy	30.12.2023
271	10BB20J26028	Hirlekar Swarali Hemant	CSIR-NCL, Pune	Biological Sciences	Anuya Nisal	Biosurfactants: synthesis, characterization and their hydrogels with silk fibroin for biomedical applications	30.12.2023
272	10BB17J26061	Sapkale Vibhavari Dnyaneshwar	CSIR-NCL, Pune	Biological Sciences	Mahesh Dharne	A metagenomics roadmap to infer taxonomic and functional diversity of hypersaline Lonar Lake (India) and its agriculture applications	30.12.2023
273	50BB16A08040	Nivedha K	CSIR-CFTRI, Mysuru	Biological Sciences	P Prabhasankar	Development of hypoglycaemic foods enriched with <i>Sesbania grandiflora</i> bioactives and its biological validation	30.12.2023
274	10BB19J10005	Yusuf Hussain	CSIR-CIMAP, Lucknow	Biological Sciences	Abha Meena	Exploring the anticancer activity of selected phytochemicals in combination with sorafenib in liver and lung cancer	30.12.2023
275	20EE18A36004	Shakti Prasad Sethi	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Debi Prasad Das	Development of monitoring and fault diagnosis techniques for plasma process	31.12.2023

276	10CC19J16002	Singh Ankit Kumar	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Ramavatar Meena	Designing of functional bio-based materials for potential environmental and medical applications	31.12.2023
277	10BB17A02029	Simanti Pal	CSIR-IGIB, New Delhi	Biological Sciences	Munia Ganguli	Targeted delivery of peptide conjugated nanoparticles in triple negative breast cancer	31.12.2023
278	20EE16J31002	Sundara Bharthy R	CSIR-NML, Jamshedpur	Engineering Sciences	M Ghosh	Correlation of microstructure with mechanical properties and stretch flangeability for nano precipitation strengthened high strength steel	31.12.2023
279	10BB17A02016	Praveen Singh	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Sengupta	Understanding the effects of parental vitamin B12 deficiency on the metabolic health of offspring	31.12.2023
280	10BB18J27011	Nimkande Vijay Dnyandeo	CSIR-NEERI, Nagpur	Biological Sciences	Amit Bafana	Screening and characterization of lipase producing bacteria for treatment of lipid-rich wastewater	31.12.2023



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