


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)-2023

Dated: September 12, 2023

NOTIFICATION

It is notified for all concerned that, the Chairman, Senate, Academy of Scientific and Innovative Research (AcSIR) dated 12.09.2023, has approved the notification for award of the Ph.D degree of the following students in the months May to August 2023

Sl. No.	Registration Number	Name	AcSIR Academic Centre	Faculty	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	20EE17A15008	Palwinder Kaur	CSIR-CSIO, Chandigarh	Engineering Sciences	Amol P Bhondekar	On impedance characteristic studies of conducting polymer based gas sensors	04.05.2023
2	20EE15A08012	Trishitman Das	CSIR-CFTRI, Mysuru	Engineering Sciences	Navin Kumar Rastogi	Development of forward osmosis process for pomegranate and beetroot juice concentrates	04.05.2023
3	32EE15A31001	Snehashish Tripathy	CSIR-NML, Jamshedpur	Engineering Sciences	Sandip Ghosh Chowdhury	Nano-pearlitic transformation in hypereutectoid steels: Thermodynamics and microstructural characterization	04.05.2023
4	10PP18A32030	Kalpana Yadav	CSIR-NPL, Delhi	Physical Sciences	Sanjay Yadav	Development and study of ultrasonic C-Scan system for metrological and industrial applications	10.05.2023
5	10CC18J38014	Yenamareddy Bhargav Kumar	CSIR-NEIST, Jorhat	Chemical Sciences	Garikapati Narahari Sastry	First principles calculations, database design and analysis of molecular interactions	10.05.2023
6	10BB15A26038	Yadav Sagar Ashok	CSIR-NCL, Pune	Biological Sciences	Narendrakumar Yeshwant Kadoo	Molecular analysis of wheat-Bipolaris sorokiniana interaction	10.05.2023
7	10BB19J18014	Shainy Sambyal	CSIR-IICT, Hyderabad	Biological Sciences	H.M Sampath Kumar	Predclinical immunopharmacological evaluation of novel glycolipid and glycopeptide adjuvant based viral vaccine candidates	10.05.2023



8	10BB17J33007	Usha Kumari Rattan	CSIR-IHBT, Palampur	Biological Sciences	Vipin Hallan	Elucidating the role of homeobox 27 during disease development by cucumber mosaic virus	10.05.2023
9	10BB19A04008	Devireddy Venkata Siva Reddy	CSIR-CDRI, Lucknow	Chemical Sciences	Amit Misra	Pulmonary delivery of 1, 25-dihydroxy vitamin D3 for the treatment of pulmonary tuberculosis	10.05.2023
10	10BB15J17003	Arkaprabha Choudhury	CSIR-IICB, Kolkata	Biological Sciences	Saumen Datta	Structural and biophysical characterization of proteins pertaining to pantothenate biosynthesis pathway and type three secretion system of gram-negative bacteria	10.05.2023
11	10PP17A32001	Mandeep Singh	CSIR-NPL, Delhi	Physical Sciences	Sanjay R Dhakate	Biopolymers based carbon nanofibers flexible sheet for supercapacitor application	10.05.2023
12	10CC18A26011	Bhoite Shubhangi Prakash	CSIR-NCL, Pune	Chemical Sciences	Ram Rup Sarkar	Asymmetric synthesis of bioactive molecules and development of synthetic methodologies involving C-C and C-N bond formation	10.05.2023
13	10CC17J18012	Shashikant Patil	CSIR-IICT, Hyderabad	Chemical Sciences	Subhash Ghosh	Synthetic study of calcaripeptide C, metacridamide B and maltepolide C	10.05.2023
14	50BB15A08008	Anusree L	CSIR-CFTRI, Mysore	Biological Sciences	Ravi Kumar	Biochemical characterisation of flavin adenine dinucleotide synthetase (FADS) involved in riboflavin metabolism from Staphylococcus aureus	10.05.2023
15	20EE16J12003	Sucharita Saha	CSIR-CMERI, Durgapur	Engineering Sciences	Arpita Mukherjee	Studies on micro electrode fabrication and pulsed power supply development for micro-nano scale EDM	10.05.2023
16	10BB16J25005	Udit Yadav	CSIR-NBRI, Lucknow	Biological Sciences	Poonam C. Singh	Comparative study of chemical & bio-fungicide on tomato plant endophytes and its implications on plant defense	10.05.2023
17	10PP19A28003	Gunnam Venkata Ratnalu	CSIR-NGRI, Hyderabad	Physical Sciences	Ratnakar Dhakate	Hydrogeophysical investigations for the assessment of soil and groundwater contamination and contaminant transport modelling in Peenya Industrial Park, Bengaluru, Karnataka	10.05.2023

18	10CC20J37031	Gulshan Kumar	CSIR-IIIM, Jammu	Chemical Sciences	Ravi Shankar	Site selective formation of andrographolide derivatives and evaluation of their anti-proliferative activity	17.05.2023
19	10CC19A37047	Davinder Singh	CSIR-IIIM, Jammu	Chemical Sciences	Ravi Shankar	Development of pH/redox responsive drug delivery system for tacrolimus and studies towards the synthesis of imidazo [1,2-a] pyridine analogues for anti-cancer activity	17.05.2023
20	10CC16J26005	Moumita Roy	CSIR-NCL, Pune	Chemical Sciences	Asha S K	Synthesis of PS-b-P4VP and polythiophene block copolymers and study of their solution state self-assembly	17.05.2023
21	10BB16A08006	Arya Devi. K. P	CSIR-CFTRI, Mysore	Biological Sciences	Asha Martin	Molecular insights related to the propensity of dietary molecules to modulate Sirtuins (SIRT1)	17.05.2023
22	10BB16J08007	Aisha Siddiq A	CSIR-CFTRI, Mysuru	Biological Sciences	Asha Martin	Studies on selected molecules of dietary origin as potential modulators of Proprotein convertase subtilisin / kexin 9	17.05.2023
23	10BB17A37002	Opendar Surmal	CSIR-IIIM, Jammu	Biological Sciences	Bikarma Singh	Floristic characteristics and ethnomedicinal assessment of Bhallesa region in district Doda (J&K) of Western Himalaya	17.05.2023
24	10PB17A15005	Disha	CSIR-CSIO, Chandigarh	Biological Sciences	Manoj Kumar Nayak	Development of carbonaceous nanostructures based biosensor platform for steroid hormone sensing	17.05.2023
25	10CC16A18004	Bharathkumar Yasam	CSIR-IICT, Hyderabad	Chemical Sciences	Srihari Pabbaraja	Stereoselective total synthesis of (-)-melearoride A, and (-)-PF1163B, scalable synthesis of honokiol and development of indole fused isoquinolines as potential anticancer agents	17.05.2023
26	20EE18A16015	Patil Sanjay Devram	CSIR-CSMCRI, Bhavnagar	Engineering Sciences	Subarna Maiti	Design & development of energy efficient modular indigenous desalination system mounted mobile/carrier for potable water distribution for sustained emergency response & recovery	17.05.2023
27	30EE14A41008	V N Surendra Gupta Murikipudi	CSIR-SERC, Chennai	Engineering Sciences	Madan Kumar Lakshmanan	Engineering of high contrast gratings for spectrum tailoring applications	17.05.2023

28	10BB17A04015	Madhu Sharma	CSIR-CDRI, Lucknow	Biological Sciences	Prabhat Ranjan Mishra	Development and evaluation of therapeutic approaches for efficient delivery of ribociclib and doxorubicin via smart delivery system for cancer chemotherapy	17.05.2023
29	50BB17A08032	P Meena Kumari	CSIR-CFTRI, Mysuru	Biological Sciences	SP Muthukumar	Bio-efficacy of Lactobacillus fermentum MCC2760 based probiotic formulation for hypercholesterolemia and gut microbiome	17.05.2023
30	20EE18J24002	Sowmya B	CSIR-NAL,	Engineering Sciences	P.K.Panda	A study on preparation and characterization of electrospun polymer nanofiber membranes with varied wettability	19.05.2023
31	20EE14A31005	E Zachariah Chacko	CSIR-NML, Jamshedpur	Engineering Sciences	Sarmishtha Palit Sagar	Development of temperature monitoring system for billet mould to understand defects and assess operational performance in industrial billet casting	22.05.2023
32	10CC19J26027	Shebeeb K H	CSIR-NCL, Pune	Chemical Sciences	Ulhas K Kharul	Membrane based on crystalline porous materials: Preparation and investigation for gas and niche liquid separations	22.05.2023
33	10BB16A22011	Ved Prakash	CSIR-IITR, Lucknow	Biological Sciences	Anbumani Sadasivam	Toxicity evaluation of 4-Methylbenzylidene camphor (4-MBC) in Zebrafish (Danio rerio)	22.05.2023
34	10CC18A16001	Mariappan M	CSIR- CSMCRI, Bhavnagar	Chemical Sciences	Lakhya Jyoti Konwar	Exploring valorization of carbohydrate derived bio- renewables using heterogeneous catalysts	22.05.2023
35	10CC19A32093	Mehak Ahuja	CSIR-NPL, New Delhi	Chemical Sciences	Rachana Kumar	Design and synthesis of novel naphthalenediimide derivatives for opto- electronic applications	22.05.2023
36	10BB18J33001	Anil Kumar	CSIR-IHBT, Palampur	Biological Sciences	Rakshak Kumar	Exploration of microbial diversity and adaptational strategies from Himalayan glacier forefield	22.05.2023
37	10BB17A03002	Kamal Saba	CSIR-CCMB, Hyderabad	Biological Sciences	Anant Bahadur Patel	Investigation of metabolic and molecular changes during healthy aging and in Alzheimer's disease	22.05.2023

38	10BB15A25006	Sanket Kumar	CSIR-NBRI, Lucknow	Biological Sciences	Brahmanand Singh	Development of phyto-synthesized nanoparticles with enhanced anti- quorum sensing and anti-biofilm activities against Pseudomonas aeruginosa PA01	22.05.2023
39	10CC17A32002	Sonali Mehra	CSIR-NPL, Delhi	Chemical Sciences	Avanish Kumar Srivastava	Investigations of metal-oxides and halides based perovskites for photocatalytic and optoelectronic applications	22.05.2023
40	10CC17A39011	Vipin G. Krishnan	CSIR-NIIST, Thiruvanantha puram	Chemical Sciences	E. Bhoje Gowd	Semicrystalline polymer-based aerogels: structure, morphology and multifunctional properties	22.05.2023
41	10PP16J05009	G.Thamarai Selvi	CSIR-CECRI, Karaikudi	Physical Sciences	Sailendra Kumar Jha	Understanding and improving of lithium- ion batteries through reformulation of models, simulation and experiments	22.05.2023
42	10BB19J33013	Vijeta Patial	CSIR-IHBT, Palampur	Biological Sciences	Dharam Singh	Bioprospecting L- asparaginase(s) from bacteria of Western Himalayas for application in food processing	23.05.2023
43	10BB16J02003	Sunanda	CSIR-IGIB, New Delhi	Biological Sciences	Bhavana Prasher	To understand the variability in thermal response amongst healthy individuals at the cellular level using Ayurgenomics approach	24.05.2023
44	10BB15J26036	Sharavni Nandikol	CSIR-NCL, Pune	Biological Sciences	Thulasiram H V	Integrated metabolomics and transcriptomics based approach to gain insights on limonoid biosynthesis in meliaceae plants	31.05.2023
45	10CC17J10004	Pooja Gaur	CSIR-CIMAP, Lucknow	Chemical Sciences	Karuna Shanker	HPLC based bio- activity profiling of selected Indian medicinal plants for Lipase inhibitors	31.05.2023
46	10CC17A18009	Gadamani Suresh Babu	CSIR-IICT, Hyderabad	Chemical Sciences	Lingaiah N	Studies on the catalysts prepared by conventional and γ - radiation methods for hydrogenation of biomass-derived molecules	31.05.2023
47	10CC17J18017	Mali Maruti Arvind	CSIR-IICT, Hyderabad	Chemical Sciences	Subhash Ghosh	Functionalization of 1- alkene-1,2-bisborane for the synthesis of heterocyclic and carbocyclic compounds	31.05.2023
48	10BB17J37013	Maridul Kundan	CSIR-IIIM, Jammu	Biological Sciences	Prashant Misra	Identification and molecular characterization of R2R3-MYB family transcription factor genes from Cannabis sativa	31.05.2023

49	10BB18J37004	Shahid Hussain Naikoo	CSIR-IIIM, Jammu	Biological Sciences	Sheikh Tasduq Abdullah	Molecular mechanisms and therapeutic intervention of 3-(1'-methyltetrahydropyridinyl)-2,4,6-trihydroxy acetophenone (IIIM-8) in skin hyperpigmentation and photoaging	07.06.2023
50	10CC18A18038	Jha Babli Krishan Dev	CSIR-IICT, Hyderabad	Chemical Sciences	Chandrasekhar Srivari	Late stage functionalization towards high scaffold diversity of bioactive molecules	07.06.2023
51	10CC17J26028	More Satish Govind	CSIR-NCL, Pune	Chemical Sciences	Gurunath Suryavanshi	Organocatalytic enantioselective synthesis of bioactive macro-lactones and development of synthetic methodologies involving C-C and C-N bond formations	07.06.2023
52	10BB17A04002	Akancha Mishra	CSIR-CDRI, Lucknow	Biological Sciences	Satish Mishra	Understanding the biology of malaria parasite using reverse genetic approaches: implications for the development of drugs and vaccine	07.06.2023
53	10CC15A26026	Anirban Sen	CSIR-NCL, Pune	Chemical Sciences	Samir H. Chikkali	Chiral ligand and transition metal (Fe, Rh) complexes for catalytic alkoxylation, polymerization, hydrosilylation and hydrogenation	07.06.2023
54	10BB19A04004	Umesh Kumar Goand	CSIR-CDRI, Lucknow	Biological Sciences	Jiaur Rahaman Gayen	Effect of pancreastatin inhibitor on immunometabolic alterations in diet-induced obesity and steatohepatitis	07.06.2023
55	10CC17A18014	Gangadhar Maram	CSIR-IICT, Hyderabad	Chemical Sciences	Praveen Kumar Reddy Adiyala	Synthesis of functionalized heterocyclic scaffolds via organo-boron/palladium-catalyzed strategies and efforts towards synthesis of petrosynol	07.06.2023
56	10CC18A18039	Gandhi Bhukya	CSIR-IICT, Hyderabad	Chemical Sciences	K. Shiva Shanker	Synthesis of castor-derived oleochemicals for biological and industrial applications	07.06.2023
57	50BB16A08037	Uma Majeshwari S	CSIR-CFTRI, Mysore	Biological Sciences	M.Madhava Naidu	Improved method for extraction of bioactives from fenugreek seed fractions: characterization of 4-hydroxyisoleucine (4-HIL) and its effect on diabetic nephropathy	07.06.2003

58	10BB15A25004	Shiv Narayan	CSIR-NBRI, Lucknow	Biological Sciences	P A Shirke	Exploring impact of drought on anatomical and physio-molecular response of guar [Cyamopsis tetragonoloba (L.) Taub.]	07.06.2023
59	10CC15J18004	Gundabathini Sandhyarani	CSIR-IICT, Hyderabad	Chemical Sciences	BLA Prabhavathi Devi	Glycerol-based carbon materials: novel eco-friendly heterogeneous catalysts for organic transformations	07.06.2023
60	10BB18J04021	Rohil Hameed	CSIR-CDRI, Lucknow	Biological Sciences	Aamir Nazir	Studies on glial cell biology in context of neurodegenerative diseases employing transgenic Caenorhabditis elegans model	07.06.2023
61	10CC13A11001	Raghavendra V	CSIR-CLRI, Chennai	Chemical Sciences	V Subramanian	Evaluation of density functional theory, machine learning and quantum computing based computational methodologies for characterizing properties of various molecules	08.06.2023
62	10BB17A26053	Rashmi Das	CSIR-NCL,Pune	Biological Sciences	Subashchandrasekhar Chinnathambi	Purinergic receptor P2Y12 involves in full-length Tau oligomers-induced microglial chemotaxis, phagocytosis and endocytic trafficking via filopodia-associated actin remodelling	08.06.2023
63	20EE17A15011	Divya Khurana	CSIR-CSIO, Chandigarh	Engineering Sciences	Sanjeev Soni	Plasmonic photothermal agent loaded with photosensitizer and chemotherapeutic drug for cancer therapy	08.06.2023
64	32EE15A31007	Krishna Kumar	CSIR-NML, Jamshedpur	Engineering Sciences	Manoj Kumar	Computational and experimental investigations of magnesium metal vapour condensation behaviour during silicothermic reduction and distillation refining	08.06.2023
65	10MM18A30003	Suvita Rani	CSIR-NITADS, Delhi	Mathematical and Information Sciences	Sujit Bhattacharya	India's plant variety protection and farmers' right act: implications for agriculture innovation system	08.06.2023
66	10BB17J37009	Tahira Khaliq	CSIR-IIIM, Jammu	Biological Sciences	Qazi Parvaiz Hassan	Isolation, characterisation, quantification and biological evaluation of bioactive molecules of Rumex dentatus	08.06.2023

67	10BB18J37005	Khalid Bashir Mir	CSIR-IIIM, Jammu	Biological Sciences	Anindya Goswami	Elucidating the role of ATF4 in ER stress mediated autophagy to senescence switching by Arteannuin B derivative β -(4- fluorobenzyl) in vitro and in vivo breast cancer model	09.06.2023
68	10CC19J32003	Lakhan Taneja	CSIR-NPL, Delhi	Chemical Sciences	S. Swarupa Tripathy	Development of novel adsorbents for defluoridation of drinking water & its optimization for field testing	19.06.2023
69	10CP18A27028	Vijaya Laxmi	CSIR-NEERI, Nagpur	Physical Sciences	Ritesh Vijay	Design and demonstration of sustainable noise barrier in urban environment	19.06.2023
70	10CC16A26021	Surapaneni Sai Geetika	CSIR- NCL,Pune	Chemical Sciences	Ashootosh V. Ambade	Nanocarriers based on lipids and stimuli- responsive polymers for targeted delivery of anti-cancer drugs	19.06.2023
71	10PP17A05003	Velmurugan R	CSIR-CECRI, Karaikudi	Physical Sciences	B. Subramanian	Transition metal oxides/sulphides based thin film electrodes by pulsed laser ablation for flexible supercapacitor devices	19.06.2023
72	10CC17A19001	Pratiksha Joshi	CSIR-IIP, Dehradun	Chemical Sciences	Om Prakash Khatri	Aerogel and aerogel templated materials for environmental and energy applications	19.06.2023
73	10CC15J18017	Pawar Mithun Shankar	CSIR-IICT, Hyderabad	Chemical Sciences	H.M Sampath Kumar	Design and synthesis of novel monophosphoryl lipid A and α - galactosylceramide based immunoadjuvants	19.06.2023
74	10BB15A26039	Amrita Ghosh	CSIR- NCL,Pune	Biological Sciences	Ashok Prabhakar Giri	Structural and functional characterization of covalently modified proteins	19.06.2023
75	10BB18J04017	Pavan Kumar Yadav	CSIR-CDRI, Lucknow	Biological Sciences	Manish Kumar Chourasia	Design and development of nanocarrier for effective delivery of chemotherapeutics against breast cancer	19.06.2023
76	10CC17J26019	Gaikwad Supriya Hanamant	CSIR-NCL, Pune	Chemical Sciences	Shatabdi P Mukharjee	Synthesis of metal/semiconductor nanocomposite materials: photocatalysis, adsorption and SERS application	19.06.2023
77	10PP15A28001	Arjun V. H	CSIR- NGRI,Hyderab ad	Physical Sciences	V.M.Tiwari	Continental lithospheric strength inferred from joint modelling of gravity, telescismic travel time residuals and topography	19.06.2023

78	10PP17J15001	Mradula	CSIR-CSIO, Chandigarh	Physical Sciences	Sunita Mishra	Development of biosensing platform for the detection of thyroid disorder	19.06.2023
79	10MM14J30003	Praveen Rawat	CSIR- NISTADS, New Delhi	MIS	Lalsiemlien Pulamte	Determinants of innovative behaviour of firms – evidence from indian national innovation survey	22.06.2023
80	10CC18A18030	Botta Bhavani	CSIR-IICT, Hyderabad	Chemical Sciences	Giribabu Lingamallu	Construction of self- assembled nanostructures from semiconducting macrocyclic derived donor-acceptor systems	22.06.2023
81	20EE15A32012	Hemant Kumar Verma	CSIR-NPL, Delhi	Engineering Sciences	Kamlesh Kumar Maurya	Nanostructured metal-oxide synthesis, growth and characterization for engineering applications	22.06.2023
82	10BB16A02008	Iti Gupta	CSIR-IGIB, Delhi	Biological Sciences	Debasis Dash	Unraveling the vitiligo pathogenesis through integrative genomics approach	25.06.2023
83	20EE18A15010	Vikas	CSIR-CSIO, Chandigarh	Engineering Sciences	Sanjeev Soni	Investigation of optical interaction in plasmonic photothermal therapeutics	25.06.2023
84	20PE18A32081	Deepshikha Yadav	CSIR-NPL, New Delhi	Engineering Sciences	P K Dubey	Studies on electrochemical and physical transduction techniques for biosensing applications	25.06.2023
85	20EE18A39022	Sourava Chandra Pradhan	CSIR-NIIST, Thiruvanantha puram	Engineering Sciences	Suraj Soman	Probing interfacial charge dynamics in dye-sensitized solar cells using copper electrolytes for indoor photovoltaics	25.06.2023
86	20EE17J24003	Viswanatharao A N	CSIR-NAL, Bangalore	Engineering Sciences	VPS Naidu	Information fusion methodology for detection of flutter signature in a transonic fan stage of gas turbine aero- engine	26.06.2023
87	10PP16A32008	Chhavi Sharma	CSIR-NPL, New Delhi	Physical Sciences	Ritu Srivastava	Investigation of synergistic antimicrobial effects of green synthesized nanomaterials for disease management of agricultural crops	26.06.2023
88	10BB16A26043	Vasudev Wagh	CSIR-NCL, Pune	Biological Sciences	Syed G Dastager	Isolation, characterization and applications of exopolysaccharides produced from marine microorganisms	26.06.2023
89	10BB19A17004	Ruchi Supekar	CSIR-IICB, Kolkata	Biological Sciences	Subhajit Biswas	Molecular characterization of occult hepatitis B virus infection (OBI) in India	26.06.2023

90	10PB17A15001	Vipasha Sharma	CSIR-CSIO, Chandigarh	Biological Sciences	Inderpreet Kaur	Design and synthesis of bio-receptor for cortisol detection	26.06.2023
91	10BB16J10001	Geetu Singh	CSIR-CIMAP, Lucknow	Biological Sciences	Rajesh Kumar Verma	Microbial assisted decontamination of municipal and tannery sludge using aromatic grasses	26.06.2023
92	20EE17A27005	Moharir Rucha Vikas	CSIR-NEERI, Nagpur	Engineering Sciences	Sunil Kumar	Development of a bench-scale reactor system for biodegradation of Low Density Polyethylene (LDPE)	26.06.2023
93	10CC18J18007	Munakala Anandarao	CSIR-IICT, Hyderabad	Chemical Sciences	Rambabu Chegondi	Silver-catalyzed enyne cyclizations of alkyne-tethered cyclohexadienones	26.06.2023
94	10CC18A26047	Apurva Algesh Patrike	CSIR-NCL, Pune	Chemical Sciences	Manjusha V. Shelke	Nano-engineered 3- dimensional carbon- based host materials for Li/Na metal anode	26.06.2023
95	10BB17A04016	Manjul Lata	CSIR-CDRI, Lucknow	Biological Sciences	Mukesh Pasupuleti	Development and structural studies of novel host defense peptides	26.06.2023
96	10BB18A04031	Virendra Tiwari	CSIR-CDRI, Lucknow	Biological Sciences	Shubha Shukla	Delineation of molecular mechanisms modulating adult neurogenesis in experimental models of Alzheimer's disease	26.06.2023
97	10CC17A39019	Biji M.	CSIR-NIIST, Thiruvanantha puram	Chemical Sciences	Radhakrishnan K. V.	Sustainable utilization of selected medicinal plants towards the synthesis of Pharmacologically important scaffolds	26.06.2023
98	10PP17A32010	Ravinder Kumar	CSIR-NPL, Delhi	Physical Sciences	N. Vijayan	Growth and investigation of sulphamic acid based single crystals for nonlinear optical applications	26.06.2023
99	20EE16J14001	Satbir Singh Kanchup Puwar	CSIR-CRRI, New Delhi	Engineering Sciences	Senathipathi Velmurugan	Development of surrogate safety parameters for interurban corridors	26.06.2023
100	10CC20J18018	Kiran Kumar Tatapudi	CSIR-IICT, Hyderabad	Chemical Sciences	K Suresh Babu	LC-Q-ToF-MS/MS & HPTLC-MS based approaches for the identification and quantitation of phytoconstituents from medicinal plants and lichens	26.06.2023
101	10BB17A33004	Prince Anand	CSIR-IHBT, Palampur	Biological Sciences	Y.S.Padwad	Therapeutic interventions of MAPKAPK2 (MK2) as molecular target in the treatment of Head and Neck Squamous Cell Carcinoma (HNSCC)	27.06.2023

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102	10BB16A08013	Kalpana Patel	CSIR-CFTRI, Mysore	Biological Sciences	Kunal Sharan	Understanding the molecular basis of osteoanabolic activity of potential plant bioactives	27.06.2023
103	10MM15J30001	Umang Gupta	CSIR-NIScPR, New Delhi	Mathematical and Information Sciences	Sujit Bhattacharya	Role of institutions in creation of ecosystem for technology-based startups in India	27.06.2023
104	10BB18J02004	Divya Chaubey	CSIR-IGIB, New Delhi	Biological Sciences	Beena Pillai	Role of long non-coding RNA "durga" In neuronal morphology and function	30.06.2023
105	10BB16A22013	Gayatri Bagree	CSIR-IITR, Lucknow	Biological Sciences	Sandeep Sharma	Understanding the mechanism of α -synuclein proteotoxicity and development of a sensor for detection of α -synuclein conformers	30.06.2023
106	10BB18A18073	Shivhare Surbhi Rajesh	CSIR-IICT, Hyderabad	Biological Sciences	Amitava Das	Molecular mechanisms of chemoresistance in ZEB1-modulated breast cancer stem cells	05.07.2023
107	10BB19A17007	Ashish Jaiswal	CSIR-IICB, Kolkata	Biological Sciences	U Mabalirajan	Elucidating the novel mediators, Rad50 and sPLA2, in lung fibrosis	05.07.2023
108	10BB17A17004	Sujay Pal	CSIR-IICB, Kolkata	Biological Sciences	Debabrata Biswas	Mechanistic understanding of eukaryotic transcriptional regulation by elongation factor ELL during genotoxic stress	05.07.2023
109	20EE19A16002	Vyas Bipinbhai Gordhanbhai	CSIR-CSMCRI, Bhavnagar	Engineering Sciences	Pawan K Labhasetwar	Design, development and performance evaluation of various techniques to improve the evaporation rate of brines in salt ponds	05.07.2023
110	10BB18J08002	Moumita Das	CSIR-CFTRI, Mysore	Biological Sciences	G Suresh Kumar	Effect of ergosterol extract from white button mushroom (<i>Agaricus bisporus</i>) in modulating obesity related complications	05.07.2023
111	10CC18A18020	Palli Sitaramulu	CSIR-IICT, Hyderabad	Chemical Sciences	T. Venkateswara Rao	Ceria-based mixed oxide catalysts for selective oxidation reactions	05.07.2023
112	10BB18A18074	Mahadik Namita Santosh	CSIR-IICT, Hyderabad	Biological Sciences	Rajkumar Banerjee	Glucocorticoid receptor-assisted drug sensitization studies in colorectal and brain cancer and its potential use in Photodynamic therapy	05.07.2023
113	10BB17A02006	Dipanjali Sinha	CSIR-IGIB, New Delhi	Biological Sciences	Souvik Maiti	A Biophysical insight into orthologous CRISPR-associated (Cas) protein for genome editing	06.07.2023

114	10CC18A18006	Biradar Madan Rajendra	CSIR-IICT, Hyderabad	Chemical Sciences	Sidhanath Vishwanath Bhosale	Design and synthesis of organic and polymeric materials for energy storage applications	06.07.2023
115	10PP15A32005	Sudheer Singh Rawat	CSIR-NPL, New Delhi	Physical Sciences	Chandra Kant Suman	Study of novel interface layers to improve the efficiency of Organic Solar Cells (OSCs)	07.07.2023
116	10BB19A04003	Sanap Sachin Nashik	CSIR-CDRI, Lucknow	Biological Sciences	Rabi Sankar Bhatta	Development of sustained release ophthalmic formulation containing anti-infective drugs for the management of polymicrobial keratitis	17.07.2023
117	10BB18A22001	Uzair Ahmad Ansari	CSIR-IITR, Lucknow	Biological Sciences	Aditya Bhushan Pant	Development of iPSC-derived model of TDP-43 linked Amyotrophic Lateral Sclerosis and disease association with developmental neurotoxicity	17.07.2023
118	10BB17J26053	Kharat Bharat Atmaram	CSIR-NCL, Pune	Biological Sciences	S.G. Dastager	Marine bacteria and its bioactive compounds for agriculture applications	17.07.2023
119	10BB17J16004	Surabhi Agrawal	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Mangal Singh Rathore	Evaluation of seaweed as feedstock for conversion into biofuel and derivatives	17.07.2023
120	10BB18A03005	Avvaru Akshay Kumar	CSIR-CCMB, Hyderabad	Biological Sciences	Rakesh Kumar Mishra	Simple sequence repeats: evolution, function and polymorphism dynamics	17.07.2023
121	10BB18J04007	Apeksha Anand	CSIR-CDRI, Lucknow	Biological Sciences	Neena Goyal	Studying the role of HSP 60 (Chaperonin) in L. donovani pathogenesis	17.07.2023
122	10BB18J38001	Banashree Saikia	CSIR-NEIST, Jorhat	Biological Sciences	Channakeshavaiah Chikkaputtaiah	Elucidation of the role of SIHyPRP1 and SIDEA 1, the eight-cysteine motif family genes of Solanum lycopersicum L in multiple stress responses through cell and molecular biological approach	17.07.2023
123	10CC16A26016	Shweta Mehta	CSIR-NCL, Pune	Chemical Sciences	Kavita Joshi	Investigating interaction of methanol with various surfaces by employing periodic density functional theory	17.07.2023
124	10CC16A39002	Nimisha G.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Hareesh U. S	Wet chemical synthesis of nickel cobaltite based hierarchical structures as electrodes for electrochemical capacitors	18.07.2023

125	10PP15A09002	Pinninty Harshavardhan Reddy	CSIR-CGCRI, Kolkata	Physical Sciences	Mukul Chandra	Development of advanced glass based specialty optical fibers for nonlinear photonic applications	18.07.2023
126	10CC16A22019	Ravindra Singh Thakur	CSIR-IITR, Lucknow	Chemical Sciences	Devendra Kumar Patel	Screening of environmental contaminants in water & food, and metabolic perturbation in Danio rerio after exposure to atrazine and chloramphenicol	18.07.2023
127	20EE16A09001	Anuradha Jana	CSIR-CGCRI, Kolkata	Engineering Sciences	Mitun Das	Bio-degradable magnesium alloys with tailored degradation rate for bone implant applications	18.07.2023
128	10BB18J04024	Shahid Parwez	CSIR-CDRI, Lucknow	Biological Sciences	Mohammad Imran Siddiqi	Computer-aided identification of potential inhibitors with therapeutic relevance in Musculoskeletal disorders	18.07.2023
129	10PP15J26031	Shubhra Jyotsna	CSIR-NCL, Pune	Physical Sciences	Pankaj Poddar	Influence of rare-earth element substitution on the structural and physical properties of trigonal iron sulphide at the nano scale	18.07.2023
130	10CC19J38001	Bhaskar Protim Mahanta	CSIR-NEIST, Jorhat	Chemical Sciences	Saikat Halder	A study on the chemical profile, key odorants and allelopathic activity of black turmeric (<i>Curcuma caesia</i>) essential oil	18.07.2023
131	20EE19J12004	Nallacheruvu V V Krishna Chaitanya	CSIR-CMERI, Durgapur	Engineering Sciences	Dipankar Chatterjee	Influence of rotation on the hydrodynamic and thermal instabilities around a pair of circular cylinders subjected to cross flow at low reynolds numbers	18.07.2023
132	10BB19A04007	Tanu Garg	CSIR-CDRI, Lucknow	Biological Sciences	Arunava Dasgupta	Functional characterization of a novel epoxide hydrolase encoded by Rv3338 of Mycobacterium tuberculosis	18.07.2023
133	20EE16A32041	Prashant Patel	CSIR-NPL, New Delhi	Engineering - Sciences	Shankar G. Aggarwal	Designing and development of PM2.5 impactor and PM10 cyclone samplers, and study on their cutoff Size performances	18.07.2023
134	10PP16A09004	Md Sahanoor Islam	CSIR-CGCRI, Kolkata	Physical Sciences	Jiten Ghosh	Investigation of local structure in barium titanate based perovskite nanomaterials using pair distribution function	20.07.2023


135	10BB18J25007	Saumya Raizada	CSIR-NBRI, Lucknow	Biological Sciences	Vidhu Aniruddha Sane	Role of MAP kinases in mango fruit ripening	20.07.2023
136	32EE16A31002	Avanish Kumar Chandan	CSIR-NML, Jamshedpur	Engineering Sciences	Mainak Ghosh	Stacking fault energy, processing and deformation behavior correlation in Fe-Mn based multi-principal element alloys	20.07.2023
137	10PP17A26047	Ughade Supriya Prabhakar	CSIR-NCL, Pune	Physical Sciences	Pankaj Poddar	Structural and physical properties of rare-earth chromium oxides	20.07.2023
138	20PE18A32002	Bushra Ehtesham	CSIR-NPL, New Delhi	Engineering Sciences	Nidhi Singh	Design, simulation and optimization of various parameters for 1 to 10 gram Kibble Balance	20.07.2023
139	10PP18A32029	Debabrata Nayak	CSIR-NPL, New Delhi	Physical Sciences	N. Vijayan	Investigation on the crystallization aspects of organic single crystals for nonlinear optical applications	20.07.2023
140	10BB18J04012	Kriti Sharma	CSIR- CDRI, Lucknow	Biological Sciences	Divya Singh	Investigation of therapeutic approaches for management of post- menopausal & inflammatory bone loss	25.07.2023
141	10CC17J33014	Ram Chander	CSIR-IHBT, Palampur	Chemical Sciences	Vijai Kant Agnihotri	Phytochemical investigation of Tagetes minuta and Dracocephalum heterophyllum from North-West Himalaya (India)	27.07.2023
142	10CC15J18003	Satish Mutyam	CSIR-IICT, Hyderabad	Chemical Sciences	Vijayasarithi Venkataramana Upadhyayula	Quantitative evaluation of organic acids from differently processed fruits and fruit products by mass spectrometric methods	27.07.2023
143	10CC17A04029	Shashank	CSIR-CDRI, Lucknow	Chemical Sciences	Ajay Kumar Srivastava	Novel strategies involving isocyanides for the stereoselective construction of (Z)- /(E)- β - sulfonylacrylamides and functionalized piperazinones towards pharmaceutically important NCEs	07.08.2023
144	10CC18A18024	Pedapati Ravi Kumar	CSIR-IICT, Hyderabad	Chemical Sciences	K Srinivas	Noscapinoids as promising anticancer agents: design, synthesis and biological evaluation	07.08.2023
145	10PP19A29003	Vasanasetti Trinadha Rao	CSIR- NIO, Goa	Physical Sciences	Suneel Vasimalla	Identification and tracking of oil spills along the coast of India through remote sensing and lagrangian techniques	07.08.2023

146	10PP18J32012	Prince Sharma	CSIR-NPL, New Delhi	Physical Sciences	VPS Awana	Temperature- dependent probing of transport and nonlinear optical properties of topological materials	07.08.2023
147	10BB17A08008	Sowmya G V	CSIR-CFTRI, Mysore	Biological Sciences	Kunal Sharan	Effect of maternal omega-3 LC-PUFA exposure in the programming of offspring's skeletal metabolism	07.08.2023
148	10BB16J08001	Pramila Epparti	CSIR-CFTRI, Mysuru	Biological Sciences	Prakash M. Halami	Evaluation of structural and functional properties of subtilin-like lantibiotics produced by <i>Bacillus</i> species	07.08.2023
149	10CC16J32005	Chandni Puri	CSIR-NPL, Delhi	Chemical Sciences	G. Shumana	Nanostructured clay- based composites for water purification	07.08.2023
150	10PP18A32003	Manish Mani Sharma	CSIR-NPL, New Delhi	Physical Sciences	VPS Awana	Investigation of superconducting topological materials	07.08.2023
151	20EE17A32003	Pallvi Dariyal	CSIR-NPL, New Delhi	Engineering Sciences	S R Dhakate	Studies on carbon nanotubes based hybrid yarn for conducting wires	07.08.2023
152	10CC18J38011	Nazrul Islam	CSIR-NEIST, Jorhat	Chemical Sciences	B K Saikia	Environmental and toxicological effects of atmospheric particulate matters in urban area	11.08.2023
153	10CC17A04022	Ambule Mayur Diliprao	CSIR-CDRI, Lucknow	Chemical Sciences	Ajay Kumar Srivastava	Novel synthetic methods towards natural products, drugs and biosensors: total synthesis of alangiobussine and alangiobussinine; process for umifenovir, and development of glycoconjugate-based biosensors	11.08.2023
154	10BB19J04004	Poonam Mehta	CSIR-CDRI, Lucknow	Biological Sciences	Rajender Singh	Investigation of the role of sncRNAs in spermatogenesis and male infertility	16.08.2023
155	20EE19J09002	Sanjukta Roy	CSIR-CGCRI, Kolkata	Engineering Sciences	Priyanka Mondal	Study on ceramic- polymer composite membrane: development and application for water treatment	16.08.2023
156	10CC19A18023	Neeraj Kumar Chouhan	CSIR-IICT, Hyderabad	Chemical Sciences	P Srihari	Synthesis of novoldiamine, hydroxynovoldiamine & glucosyltriazole amphiphiles from renewable chemicals, and their application	16.08.2023

157	10BB19A33004	Aqib Iqbal Dar	CSIR-IHBT, Palampur	Biological Sciences	Amitabha Acharya	Understanding protein corona at the nano-bio interfaces: Formation, characterization and their biological efficacy evaluation	16.08.2023
158	20EE18A12003	Chandan Kumar	CSIR-CMERI, Durgapur	Engineering Sciences	Bitta Gopal Mondal	Thermo-magneto-convective transport around stationary/rotating porous bluff obstacles at low reynolds numbers	16.08.2023
159	10CC20J37038	Monika Bhardwaj	CSIR-IIIM, Jammu	Chemical Sciences	Debaraj Mukherjee	Development of new cascade reactions in carbohydrates for the generation of medicinally important scaffolds	16.08.2023
160	20EE18J15013	Neha	CSIR-CSIO, Chandigarh	Engineering Sciences	Rajesh Vishwanath Kanawade	Photoplethysmography based arrhythmia detection and classification	16.08.2023
161	10CC17A19009	Aman Kumar Bhonsle	CSIR-IIP, Dehradun	Chemical Sciences	Neeraj Atrey	Biodiesel production, life cycle assessment and synthesis of multifunctional additives for biodiesel	16.08.2023
162	50BB16A08034	Patil Siddhi Satish	CSIR-CFTRI, Mysore	Biological Sciences	Pushpa S Murthy	Anti-obesity potential of coffee leaf extract using mice model	16.08.2023
163	10CC17J26039	R Vijayalakshmi	CSIR-NCL, Pune	Chemical Sciences	Gurunath Suryavanshi	Synthesis, characterization and evaluation of advanced energetic materials	16.08.2023
164	10BB17J39012	Sruthi C. R.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Raghu K G	Cytotoxicity evaluation of methylglyoxal in HepG2 and H9c2 cells with emphasis on oxidative stress, cancer promotion and general metabolism	16.08.2023
165	10BB18J04022	Saurabh Verma	CSIR-CDRI, Lucknow	Biological Sciences	J R Gayen	Predclinical pharmacokinetic and pharmacodynamic studies of selected phytochemical agents against steatohepatitis	16.08.2023
166	10BB17A33014	Sinai Borkar Shrutti Digambar.	CSIR-IHBT, Palampur	Biological Sciences	Rakshak Kumar	Utilization of indigenous psychrotrophic bacteria for efficient night-soil composting and the sustenance of hill agriculture	16.08.2023
167	50BB16A08036	Pimpley Vaibhavi Avinash	CSIR-CFTRI, Mysore	Biological Sciences	Pushpa S Murthy	Modulatory effect of green coffee polyphenols on obesity induced model	16.08.2023
168	10CC17J26008	More Devidas Abasaheb	CSIR-NCL, Pune	Chemical Sciences	M. Muthukrishnan	Development of new carbon-carbon bond forming methodologies for the synthesis of diversely functionalized nitrogen heterocycles	16.08.2023

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169	10PP18A32084	Sanju Rani	CSIR-NPL, New Delhi	Physical Sciences	Vidya Nand Singh	Studies on tin selenid based nanostructured thin films for gas and optical sensing	16.08.2023
170	10BB18J38002	Sanjib Sarkar	CSIR-NEIST, Jorhat	Biological Sciences	Prasenjit Manna	An investigation on nanocarrier-mediated glucose-responsive delivery of antidiabetic lipophilic molecules	18.08.2023
171	10CC18A16010	Snehasish Debnath	CSIR- CSMCRI, Bhavnagar	Chemical Sciences	Pabitra B Chatterjee	Development of task specific chemosensors to be useful for healthcare and environmental applications	22.08.2023


 12.09.23
 Associate Director, Academic

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