



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: March 04, 2024

NOTIFICATION

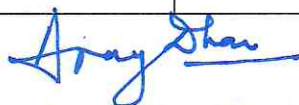
It is hereby notified to all the concerned that the Ph.D. Degree has been awarded to the following students by the Chairman Senate, AcSIR in the months of January to February, 2024. The relevant details are indicated below:

Sl. No.	Registration Number	Name	AcSIR Academic Centre	Faculty	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	10PP18A32028	Debashrita Mahana	CSIR-NPL, New Delhi	Physical Sciences	M Senthil Kumar	Synthesis and characterization of CuO thin films for gas and photo sensing applications	18.01.2024
2	10BB17A02025	Sangam Giri Goswami	CSIR-IGIB, New Delhi	Biological Sciences	Sivaprakash Ramalingam	Generation of naturally occurring beneficial HPFH mutation using targeted genome editing to reactivate fetal hemoglobin: a strategy for treating β -hemoglobin disorders	18.01.2024
3	10BB17A25008	Jyotsna Chakarwari	CSIR-NBRI, Lucknow	Biological Sciences	Sanjeeva Nayaka	Isolation and characterization of endolichenic fungi from genus <i>Parmotrema</i>	18.01.2024
4	10BB16A25002	Shafia Siddiqui	CSIR-NBRI, Lucknow	Biological Sciences	P.K.Singh	Characterization of GM-cotton expressing a novel anti-whitefly protein for its application as a trap crop	18.01.2024
5	10CC18A16005	Nilanjan Seal	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Subhadip Neogi	Rational construction of crystalline porous materials for functionality actuated sensing, adsorption and catalytic applications	18.01.2024

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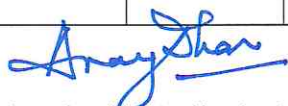
6	10CC17A39006	Gandu Virat	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	E Bhoje Gowd	Structural and photophysical properties of chromophores-embedded poly (Lactide)s	18.01.2024
7	10BB17A04013	Kushboo Sinha	CSIR-CDRI, Lucknow	Biological Sciences	Dibyendu Banerjee	Decoding the molecular signatures for Triple Negative Breast Cancer (TNBC)	18.01.2024
8	10CC18J39005	Hasna M. A.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Saju Pillai	Biomass-derived cellulose nanoforms and their functional hybrids	18.01.2024
9	10BB17A33008	Poonam Pal	CSIR-IHBT, Palampur	Biological Sciences	Ram Kumar Sharma	Genomic studies for the molecular dissection of multiple abiotic stress response in <i>Stevia rebaudiana</i> Bert.	18.01.2024
10	10PP17A32013	Sachin Yadav	CSIR-NPL, New Delhi	Physical Sciences	Sangeeta Sahu	Exploration of quantum phenomena in disordered TiN thin films by low temperature transport measurements	18.01.2024
11	10CC17A38002	Sumi Changmai	CSIR-NEIST, Jorhat	Chemical Sciences	S Gogoi	Studies on metal-catalyzed C-H functionalization reactions for the synthesis of spiro-cyclopentadiene pyrazolones, α -carbonyl amides, indolo[2,1- α]isoquinolines and naphthalenediones	18.01.2024
12	10BB17A37019	Sonia Thapa	CSIR-IIIM, Jammu	Biological Sciences	Shashank Kumar Singh	Inhibiting glutamate mediated excitotoxicity in neuron-like cells via Cannabinoid Receptor 1 (CB1R) for possible neuropathic pain management	18.01.2024
13	10PP18A32021	Animesh Pandey	CSIR-NPL, New Delhi	Physical Sciences	Sudhir Husale	Topological insulator based flexible functional devices & nonlinear optical studies	18.01.2024
14	10CC17J26032	Kasabe Mirabai Madhukar	CSIR-NCL, Pune	Chemical Sciences	S.B. Umbarkar	Palladium based catalysts for hydrogenation of various functional groups	18.01.2024
15	10CC16A19001	Jitendra Diwakar	CSIR-IIP, Dehradun	Chemical Sciences	N Viswanandham	Functionalized nanomaterials: novel synthesis routes and catalytic applications	18.01.2024
16	10CC18A05007	Rajagopal V	CSIR-CECRI, Karaikudi	Chemical Sciences	V. Suryanarayanan	Studies on porous organic polymers and their nanocomposites for electrocatalytic and biological applications	18.01.2024

17	10CC17A32014	Rishu Agarwal	CSIR-NPL, New Delhi	Chemical Sciences	Shankar G Aggarwal	Sudy on the measurement and chemistry of gaseous and particulate pollutants in an urban atmosphere	18.01.2024
18	20EE17A06001	Khushbu Singh Raghav	CSIR-CEERI, Pilani	Engineering Sciences	Deepak Bansal	Development of RF rectenna based energy harvester for self-sustained IoT enabled sensor nodes	18.01.2024
19	10CC17A39017	Susanna Poulose	CSIR-NIIST, Thiruvananthap uram	Chemical Sciences	C Vijaykumar	Design, synthesis, and characterization of stimuli-responsive organic fluorescent materials: An exploration into functional molecular assemblies	18.01.2024
20	10CC17A39002	Roshima K.	CSIR-NIIST, Thiruvananthap uram	Chemical Sciences	Nishanth K G	Studies on Pd based catalysts for the electro-oxidation of alcohols	18.01.2024
21	10BB18A37018	Zohra Batool	CSIR-IIIM, Jammu	Biological Sciences	Sumeet Gairola	Cross-cultural studies on ethnobotanical plants used by indigenous communities of Ladakh (UT), India	25.01.2024
22	10BB16A08008	Seemashree M H	CSIR-CFTRI, Mysore	Biological Sciences	Vikash Singh Chauhan	Studies on effect of culture conditions on the modulation of lipids in select microalgae	25.01.2024
23	10BB17A02011	Meghali Aich	CSIR-IGIB, New Delhi	Biological Sciences	Debojyoti Chakraborty	Uncovering the role of a novel pluripotency regulator in mouse embryonic stem cells	25.01.2024
24	10BB17J22004	Prakrity Singh	CSIR-IITR, Lucknow	Biological Sciences	R Parathasarathi	Role of structural and atomic aspects of environmental pollutants in their persistence, bioaccumulation and endocrine disruption	25.01.2024
25	10BB17A02018	Purbasha Bhattacharya	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Sengupta	Understanding the role of efferocyte- derived extracellular vesicles in inflammation resolution	25.01.2024
26	10BB18J10001	Payal Srivastava	CSIR-CIMAP, Lucknow	Biological Sciences	Sumit Ghosh	Understanding the role of UDP- glycosyltransferase in diterpene glycoside biosynthesis in kalmegh [<i>Andrographi s paniculata</i> (Burm.f.) Wall.ex Nees]	25.01.2024



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27	10CC17A26019	Amrita Singh	CSIR-NCL, Pune	Chemical Sciences	J Nithyanandhan	Structurally engineered unsymmetrical squaraine dyes for dye-sensitized solar cells: importance of side chain, position of acceptor unit and extension of conjugation within the polymethine framework	25.01.2024
28	10BB17A16011	P Murali Krishna	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Subir Kumar Mandal	Studies on the effects of abiotic factors on <i>Omega-3 PUFAs</i> synthesis in marine diatoms for therapeutic application	25.01.2024
29	10BB16A37006	Ajeet Singh	CSIR-IIIM, Jammu	Biological Sciences	Shashank Kumar Singh	Deciphering the therapeutic potential and molecular mechanism of a novel cannabinoid derivative in cancer chemotherapy	25.01.2024
30	10BB16A38015	Lucy Lalthafamkimi	CSIR-NEIST, Jorhat	Biological Sciences	Dipanwita Banik	Studies on development of <i>in vitro</i> systems and deep transcriptome analysis for secondary metabolite pathway elucidation in <i>Pogostemon cablin</i> : a medicinal herb of therapeutic importance	25.01.2024
31	10BB17A26055	Barbole Ranjit Shivaji	CSIR-NCL, Pune	Biological Sciences	Ashok Giri	Development of eco- friendly strategy for the crop plant protection	25.01.2024
32	10BB16A02021	Rajkamal Kumavat	CSIR-IGIB, New Delhi	Biological Sciences	Sagarika Biswas	Identification and characterization of differentially expressed circulatory proteins of human plasma responsible for osteoarthritis	25.01.2024
33	10PP16A27003	Ankur Khare	CSIR-NEERI, Nagpur	Physical Sciences	A N Vaidya	Study of benzotriazoles and its fate in Indian aquatic ecosystem	25.01.2024
34	10PP19A32057	Kuldeep Meena	CSIR-NPL, New Delhi	Physical Sciences	Kirti Soni	Design and development of acoustic materials for noise abatement using sustainable materials	25.01.2024
35	10CC20J38008	Alimpia Borah	CSIR-NEIST, Jorhat	Chemical Sciences	Swapnali Hazarika	Thin film nanocomposite membranes for separation of tea polyphenols and stability study through nanoparticle encapsulation	25.01.2024



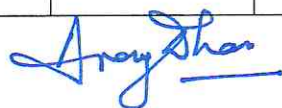
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36	10BB17A11003	Sreelekshmi S Kumar	CSIR-CLRI, Chennai	Biological Sciences	M S Kiran	Role of angiogenesis and angiogenic modulators on browning of white adipocytes and its implication in obesity	25.01.2024
37	20EE18A27009	Tarang Kumar Gondwal	CSIR-NEERI, Nagpur	Engineering Sciences	Papiya Mandal	Characterization of road dust and its management	25.01.2024
38	10CC17A39009	Vaishna Priya. K	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Harish US	Metal-Organic Frameworks (MOFs) derived heteroatom-doped carbon for energy and environmental applications	25.01.2024
39	20EE17A26032	Chaudhary Sagar Dattulal	CSIR-NCL, Pune	Engineering Sciences	Nilesh Atmaram Mali	Catalytic conversion of carbon dioxide to value added chemicals	25.01.2024
40	20EE17A26042	Deulgaonkar Prashant Suresh Rao	CSIR-NCL, Pune	Engineering Sciences	Rahul Bhambhure	Theoretical and experimental investigation of process chromatography step for purification of monoclonal antibody therapeutic	09.02.2024
41	10BB17A02022	Rohit Gupta	CSIR-IGIB, New Delhi	Biological Sciences	Archana Singh	Understanding dermal-epidermal interactions during skin homeostasis and wound repair	09.02.2024
42	10CC17J26041	Gitanjali Swain	CSIR-NCL, Pune	Chemical Sciences	K. Krishnamoorthy	Lactam based polymer semiconductors for electronic applications	09.02.2024
43	10CC17A26022	Ravi Ranjan	CSIR-NCL, Pune	Chemical Sciences	C.S.Gopinath	Gas-solid interactions and its influence in electronic structure evolution and heterogenous catalysis	09.02.2024
44	10BB17A02002	Arun Nandwani	CSIR-IGIB, New Delhi	Biological Sciences	Malabika Datta	Regulation of mitochondria-associated ER membrane (MAM) proteins in liver by ncRNAs during type 2 diabetes	09.02.2024
45	10BB17A02021	Riya Rauthan	CSIR-IGIB, New Delhi	Biological Sciences	Debjyoti Chakroborty	Loss of ERBB4 perturbs the migration of cortical interneurons in human forebrain organoids	09.02.2024
46	10BB18A26028	Pooja Avinash Dnyane	CSIR-NCL, Pune	Biological Sciences	Chetan Gadgil	Towards the development of a systems pharmacology model for vitiligo	09.02.2024

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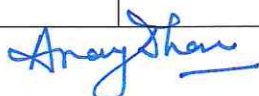
47	10CC17A04026	Jyoti Shukla	CSIR-CDRI, Lucknow	Chemical Sciences	Dipankar Koley	Mannich cyclization between hydroxylactam and acetal: application in the synthesis of izidine alkaloids	09.02.2024
48	10CC18J37006	Anil Bhushan	CSIR-IIIM, Jammu	Chemical Sciences	Prasoon Kumar Gupta	Phytochemical investigation of Saussurea costus and Cocculus hirsutus and chemical modification of isolated bioactive compounds	09.02.2024
49	20EE16A08014	Rohini B	CSIR-CFTRI, Mysore	Engineering Sciences	H Umesh Hebbar	Photocatalytic assisted valorization of corn cob biomass	09.02.2024
50	20EE20A36003	Abdul Rauf S	CSIR-IMMT, Bhubaneswar	Engineering Sciences	K Sanjay	Development of micromixer for solvent extraction of metals	09.02.2024
51	32EE16A31005	Rashmi Singla	CSIR-NML, Jamshedpur	Engineering Sciences	Sanjay Kumar	Study of structure- property correlations of inorganic-organic hybrid geopolymers	09.02.2024
52	32EE16A41003	Gautham S	CSIR-SERC, Chennai	Engineering Sciences	Ing. Saptarshi Sasmal	Nanoscale investigations on engineered cementitious composites using simulated and experimental grid nanoindentation technique	09.02.2024
53	10BB17A36005	Bineeth Baral	CSIR-IMMT, Bhubaneswar	Biological Sciences	Umakanta Subudhi	Genomic sequence- based self-assembled branched DNA nanostructures for gene regulation	09.02.2024
54	10BB20A04055	Sristi Agarwal	CSIR-CDRI, Lucknow	Biological Sciences	Rabi S. Bhatta	Preclinical pharmacokinetics and biomarkers profiling of <i>Trigonella foenum- graecum</i> in polycystic ovary syndrome induced rats	09.02.2024
55	10BB18J04013	Kushwaha Vinita Tribhuvan	CSIR-CDRI, Lucknow	Biological Sciences	Anil K Gaikwad	Molecular & therapeutics approaches to ameliorate HFD- induced metabolic disorders enriching beneficial gut microbiome: Immuno- metabolic alteration in Adipose tissue	09.02.2024
56	10BB16A04002	Akanksha Vyas	CSIR-CDRI, Lucknow	Biological Sciences	Monika Sachdeva	Identification and characterization of Cancer Oocyte Antigen (COA) SAS1B as potential biomarker for cervical cancer	09.02.2024



57	10CC19J26018	Prabu M	CSIR-NCL, Pune	Chemical Sciences	T Raja	Activation of C-H bond to oxygenates and ambient pressure CO ₂ hydrogenation using mixed metal oxides	09.02.2024
58	10CC18A32064	Chitra	CSIR-NPL, New Delhi	Chemical Sciences	Sushil Kumar	Recovery and investigation of polymeric layers from waste silicon solar modules	09.02.2024
59	10CC16A04023	Afsar Ali Khan	CSIR-CDRI, Lucknow	Chemical Sciences	Dipankar Koley	Design and synthesis of novel β 2,3 - amino acids embedded cyclic tetrapeptides as anticancer agents and nitrophenyl(phenyl)su lfane derivatives as PCSK9 inhibitors	09.02.2024
60	10CC19A32117	Anjali S Nair	CSIR-NPL, New Delhi	Chemical Sciences	Kirti Soni	Study of aerosol climatology over regions of Indo- Gangetic Plain	09.02.2024
61	10CC19J32009	Akansha Rai	CSIR-NPL, New Delhi	Chemical Sciences	Sudhir Kumar Sharma	Chemical characteristics and source apportionment of particulate matter (PM _{2.5} and PM ₁₀) at Darjeeling in Eastern Himalayas	09.02.2024
62	10BB18A36017	Arati Ray	CSIR-IMMT, Bhubaneswar	Biological Sciences	Manish Kumar	Resource recovery from phosphate fertilizer industry wastewater for recycling	09.02.2024
63	10BB17A02001	Antara Sengupta	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Chowdhury	Studying impact of telomeres in non- telomeric functions: telomerase regulation as a case study	09.02.2024
64	10BB18A36015	Kalicharan Mandal	CSIR-IMMT, Bhubaneswar	Biological Sciences	Nabin Kumar Dhal	Inventorisation, documentation and assessment of pollution resistance species in mining and industrial areas of Odisha with special reference to floral diversity	09.02.2024
65	10BB17A37013	Sadaqat Farooq	CSIR-IIIM, Jammu	Biological Sciences	Sayed Riyaz	Endohyphal bacteria in plant associated fungi; elucidating their role in host fungal biology	09.02.2024
66	20EE16A06005	Pooja Choudhary	CSIR-CEERI, Pilani	Engineering Sciences	B.A.Botre	Leak detection in smart water distribution networks using machine learning techniques	09.02.2024
67	10CC21J26034	Shaikh Samarin Salim	CSIR-NCL, Pune	Chemical Sciences	V V Bokade	Development of multifunctional catalysts for the valorization of lignocellulosic and marine biomass into value added products	09.02.2024

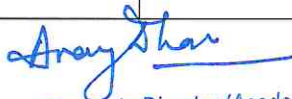
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68	10CC18J18002	Gadela Karteek Goud	CSIR-IICT, Hyderabad	Chemical Sciences	S. Chandrasekhar	Synthetic strategies to functionalized indolines and amino acid derivatives	09.02.2024
69	10BB18A16019	Doniya Elze Mathew	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Vaibhav Mantri	Studies on associated bacterial flora from industrially important alga <i>Gracilaria dura</i>	09.02.2024
70	10BB16A25001	Jyoti Singh	CSIR-NBRI, Lucknow	Biological Sciences	P.K.Singh	Mechanism of action of insecticidal proteins in whitefly (<i>Bemisia tabaci</i>)	09.02.2024
71	10BB20J08020	Seema Mudhol	CSIR-CFTRI, Mysuru	Biological Sciences	S P Muthukumar	Development of nanoformulations for <i>in situ</i> delivery of phytochemicals to efficiently convert white to brown adipose tissue	09.02.2024
72	10BB18J33008	Prakash Kumar	CSIR-IHBT, Palampur	Biological Sciences	Ravi Shankar	Processing, utilization, and management of high-throughput sequencing data for enriched information dispersal	09.02.2024
73	10CC17J38001	Dhiraj Dutta	CSIR-NEIST, Jorhat	Chemical Sciences	Pranjal Gogoi	Design and synthesis of BODIPY- and aza-BODIPY-biotin conjugates for cancer imaging and therapy	09.02.2024
74	32EE19J36001	Surya Kanta Das	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Shivakumar I Agandi	Advanced separation methods for the recovery of ultrafine tungsten values from gold mine tailings: fundamentals and practical aspects	09.02.2024
75	32EE18A36001	Shuvam Mandal	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Suddhasatwa Basu	L10 ordering in equiatomic FeNi alloy prepared by mechanical alloying, high pressure torsion and laser melting	09.02.2024
76	20EE21J36002	Deependra Singh	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Suddhasatwa Basu	Alternative approach to recover strategic and industrial placer heavy minerals from Bramhagiri coastal area	09.02.2024
77	20EE19J36003	Bishnu Choudhary	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Shahid Anwar	Proton conducting electrolyte materials for low/intermediate temperature operation of solid oxide fuel cells	09.02.2024
78	10BB19A33023	Shweta Thakur	CSIR-IHBT, Palampur	Biological Sciences	Rajiv Kumar	Identification of bioactive peptides from <i>Picrorhiza kurroa</i> and therapeutic evaluation in experimental models	09.02.2024




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79	10BB16A04006	Himalaya Singh	CSIR-CDRI, Lucknow	Biological Sciences	Kumaravelu Jagavelu	Elucidating the role of lymphangiogenesis and angiogenesis in cardiovascular diseases	20.02.2024
80	20EE18A12008	Sourav Garai	CSIR-CMERI, Kolkata	Engineering Sciences	Dipankar Chatterjee	Thermo-magneto-convective transport of nano-fluids around stationary/rotating solid bluff objects at low reynolds numbers	20.02.2024
81	10CC18A39018	Shamjith .S	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Kaustab Kumar Maiti	Design and synthesis of cyclometallated iridium molecular probes with targeted image-guided therapeutic capabilities for cancer management	20.02.2024
82	10CC19A37039	Mohit	CSIR-IIIM, Jammu	Chemical Sciences	Sandip B Bharate	Design, synthesis and biological evaluation of nitrogen containing heterocyclic ligands to combat multifaceted Alzheimer's disease	21.02.2024
83	10CC19J19002	Vijendra Singh	CSIR-IIP, Dehradun	Chemical Sciences	Nagabhatla Viswanadham	Catalyst development studies for the value addition of industrial feedstocks	21.02.2024
84	10CC20J18001	Aand Dnyaneshwar Balu	CSIR-IICT, Hyderabad	Chemical Sciences	Ajay Kumar Singh	Development of an integrated continuous flow platform for the synthesis of phthalides, benzhydrols, diazomethane, and sartan derivatives	21.02.2024
85	10CC18A26008	Palak Patel	CSIR-NCL, Pune	Chemical Sciences	Sarika Maitra Bhattacharyya	Correlation between structure, entropy and dynamics in multi-species systems	21.02.2024
86	10CC18J36010	Alok Kumar Nayak	CSIR-IMMT, Bhubaneswar	Chemical Sciences	Kadambini Sarangi	Solvent extraction study of some strategic metals from synthetic solution/leach liquor	21.02.2024
87	10BB17A39029	Jesmina A. S	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Ravi Shankar L	Characterization and exploration of secondary metabolites from two <i>Streptomyces</i> species for enhanced antibacterial activity against selected human pathogens	21.02.2024
88	10PB16A29001	Swarnaprava Behera	CSIR-NIO, Goa	Biological Sciences	TNR Srinivas	Diversity, distribution of human and fish pathogenic bacteria from coastal marine habitats: characterization of antibiotic resistance	21.02.2024

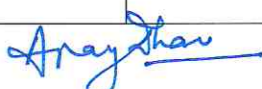

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89	10CC18J18004	Amrutham Vasu	CSIR-IICT Hyderabad	Chemical Sciences	N Narendra	Synthesis of nitrogen-containing compounds via use of microporous and mesoporous aluminosilicates	21.02.2024
90	10BB17J20001	Raghwendra Pratap Singh	CSIR-IMTech, Chandigarh	Biological Sciences	Rashmi Kumar	Association of microbiome and host immune responses in oral squamous cell carcinoma	21.02.2024
91	10BB17A02027	Saumya Sharma	CSIR-IGIB, New Delhi	Biological Sciences	Debojyoti Chakraborty	Advancing the understanding of megalencephalic leukoencephalopathy with subcortical cysts (MLC) through modeling, diagnosis and gene correction	21.02.2024
92	10BB17J39009	Taniya. M. S	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Priya S	<i>In vitro</i> studies on the effects of bioactives from quinoa and amaranth seeds against breast cancer and inflammation	21.02.2024
93	10BB17J39011	Eveline M Anto	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	P Jayamurthy	Investigation on the role of tangeretin in alleviation of ER stress induced diabetic complications: An <i>in vitro</i> approach	21.02.2024
94	10BB18A04010	Md Naiyaz Ahmad	CSIR-CDRI, Lucknow	Biological Sciences	Arunava Dasgupta	Identification and biological evaluation of hit molecule(s) for Mycobacterial diseases	21.02.2024
95	10BB19A33015	Rashim Kumari	CSIR-IHBT, Palampur	Biological Sciences	Mahesh Gupta	Value added food products for immunomodulation based on underutilised grains	21.02.2024
96	20EE17J06002	Rakesh Kumar Saini	CSIR-CEERI, Pilani	Engineering Sciences	Rahul Prajesh	Design and development of ultrasensitive SERS substrate for pesticide detection	21.02.2024
97	20EE18A35004	Simadri Badatya	CSIR-AMPRI, Bhopal	Engineering Sciences	Manoj Kumar Gupta	Lead free piezoelectric nanostructures based flexible hybrid nanogenerator for energy harvesting and self-powered sensors	21.02.2024
98	32EE18A35006	Satendra Kumar	CSIR-AMPRI, Bhopal	Engineering Sciences	Surrender Kumar	Investigation of structures, growth mechanism, and properties of sp ² carbon for flexible supercapacitor	21.02.2024
99	20EE19A35013	Ashish Kumar Chaturvedi	CSIR-AMPRI, Bhopal	Engineering Sciences	Manoj Kumar Gupta	Investigation of mechanical, electrical and thermal properties of carbon nanotubes/nanostructures reinforced industrial inorganic waste based hybrid composite materials	21.02.2024



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100	32EE16A31003	Gaurav Kumar Bansal	CSIR-NML, Jamshedpur	Engineering Sciences	Sandip Ghosh Chowdhury	Phase transformations and mechanical behavior of quench and partitioned steel	21.02.2024
101	10CC18A32066	Komal	CSIR-NPL, New Delhi	Chemical Sciences	Daya Soni	Study on the development of calibration gas mixtures of COx, hydrocarbons and their application in vehicular pollution monitoring	21.02.2024
102	10CC18A04038	Priyanka Rawat	CSIR-CDRI, Lucknow	Chemical Sciences	Sanjeev Kanaujia	Identification, structural characterization and quantification of naturally occurring bioflavonoids utilizing liquid chromatography-tandem mass spectrometry	21.02.2024
103	10CC18J04036	Kasim Ali	CSIR-CDRI, Lucknow	Chemical Sciences	Gautam Panda	Tri and tetra-substituted methanes and ethanes as medicinally important molecules	21.02.2024
104	10CC19A18020	Komalla Sunil	CSIR-IICT, Hyderabad	Chemical Sciences	G V Karunakar	Synthesis of 2,5-dihydrofurans, furan substituted 2,3-dihydroquinazolinone s and benzooxepino-fused pyrroles through inter-and intramolecular annulations of alkynes	21.02.2024
105	10CC18A35007	Abhijeet Bijanu	CSIR-AMPRI, Bhopal	Chemical Sciences	Deepti Mishra	Development of flexible and mouldable radiation shielding material based on polymer composites	21.02.2024
106	10CC18A39003	Thejus. P. K	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Nishanth K G	Design and development of multifunctional inorganic pigments for cool coating applications	21.02.2024
107	10BB16J26026	Salunkhe Vaishnavi Haribhau	CSIR-NCL, Pune	Biological Sciences	Narendra Kadoo	Seasonal dynamics and bioprospecting of rhizospheric microbiota from western ghats	21.02.2024
108	10CC20A32002	Nikki Choudhary	CSIR-NPL, New Delhi	Chemical Sciences	Sudhir Kumar Sharma	Chemical characterization and source apportionment of aerosols using receptor models at different sites of the Himalayan region of India	21.02.2024
109	10PP19J32008	Ankush Saxena	CSIR-NPL, New Delhi	Physical Sciences	V.P.S. Awana	Insertion of atomic layers in bulk topological insulators	21.02.2024


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110	10CC17A39005	Basavaraja	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Sasidhar B.S.	Metal-free ring annulation strategies for the stereoselective synthesis of spiro-heterooxindoles	21.02.2024
111	10BB19J02003	Zainab Zaidi	CSIR-IGIB, New Delhi	Biological Sciences	Kausik Chakraborty	Deciphering the role of mtDNA loss in proteostasis in <i>Saccharomyces cerevisiae</i>	21.02.2024
112	10CC18A16009	Wakchaure Padmaja Dadasaheb	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Bishwajit Ganguly	<i>In silico</i> study to unravel the interaction of organic and biomolecules with metal ions/ligands for their material and biological applications	27.02.2024



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