

AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India एसीएसआईआर, सीएसआईआर-एचआरडीसी परिसर, सेक्टर - 19, कमला नेहरू नगर, गाजियाबाद - 201002, उ.प्र., भारत

No. AcSIR/7/10(1)-2025

NOTIFICATION

Dated: April 15, 2025

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 September to October, 2024. The relevant details are indicated below:

SN	Name with Registration Number	Affiliated Research Institute (Faculty)	Supervisor (Co-Supervisor)	Thesis Title	Date of Award of Ph.D. Degree
1	Shabade Anand Basavraj (10CC19J26022)	CSIR-NCL, Pune (Chemical Sciences)	Benudhar Punji	3d metal-catalyzed chemoselective hydrogenation of unsaturated double bonds and regioselective C–H arylation of indoles	06.09.2024
2	Riya Ghosh (10CC20A16009)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Pabitra Baran Chatterjee	Studies on the development of optical probes for selected biomarkers of cancer and oxidative stress	06.09.2024
3	Mukul Dutta (10BB18A17013)	CSIR-IICB, Kolkata (Biological Sciences)	Susanta Kar	Dissecting the role of cellular metabolic pathways in regulating alternative activation of macrophages during experimental visceral leishmaniasis	06.09.2024
4	Venkatesan N (10CC20J11002)	CSIR-CLRI, Chennai (Chemical Sciences)	N. Nishad Fathima	Tannery solid waste derived carbon for oil/water separation and energy storage	06.09.2024
5	Jafar Mehdi (10BB19A10009)	CSIR-CIMAP, Lucknow (Biological Sciences)	Anil Kumar Gupta (Narendra Kumar)	Genetic variability, correlation and diversity studies in germplasm collections of <i>Cannabis</i> spp.	06.09.2024
6	Premshila Kumari (10PP19A32042)	CSIR-NPL, New Delhi (Physical Sciences)	Sanjay Kumar Srivastava	Synthesis and characterization of nanostructured ZnO thin film for solar cell applications	06.09.2024
7	Pargam Vashishtha (10PP18A32048)	CSIR-NPL, New Delhi (Physical Sciences)	Govind	Fabrication of III-nitride and metal chalcogens heterostructure for broadband photo-detection	06.09.2024
8	Anjali K. Sajeev (10PP17A39030)	CSIR-NIIST, Thiruvananthapuram (Physical Sciences)	K. N. Narayanan Unni	Studies on hybrid light emitting diodes using cesium copper iodide: device engineering aspects	06.09.2024
9	Vikas Chaudhary (10PP18A15003)	CSIR-CSIO, Chandigarh (Physical Sciences)	Akash Deep (Parveen Kumar)	Recovery of valuable materials from waste lithium ion batteries for energy storage applications	06.09.2024





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10	Lavlesh (10PP18J15001)	CSIR-CSIO, Chandigarh (Physical Sciences)	Raj Kumar	Investigations on wide field of view digital holographic techniques	06.09.2024
11	Rodda Ramesh (10CC19A18032)	CSIR-IICT, Hyderabad (Chemical Sciences)	S. Prabhakar	Mass spectrometry analysis of CKD patients' metabolites, reaction products of arginines, and CWC related chemicals	06.09.2024
12	Sornambigai M (10CC18A05009)	CSIR-CECRI, Karaikudi (Chemical Sciences)	S Senthil Kumar	Studies on new co-reactants and functionalized luminophores for electrochemiluminescence based sensing applications	06.09.2024
13	Medhavi Pandey (10PP18A29014)	CSIR-NIO, Goa (Physical Sciences)	Haimanti Biswas	Spatiotemporal shifts in major phytoplankton in the central and eastern Arabian sea retrieved from sedimentary phytodetritus	06.09.2024
14	Dasari Babu Mallesh (10PP19A28030)	CSIR-NGRI, Hyderabad (Physical Sciences)	A. Keshav Krishna	Environmental geochemical studies in and around oil and natural gas drilling sites of East and West Godavari Districts, Andhra Pradesh, India	06.09.2024
15	Akanksha Sharma (10BB18A02010)	CSIR-IGIB, New Delhi (Biological Sciences)	Kausik Chakraborty	Delineating the response mechanism to altered proteostasis in cytosol	06.09.2024
16	Anooja J (10PP17A39032)	CSIR-NIIST, Thiruvananthapuram (Physical Sciences)	Suraj Soman (K.N. Narayanan Unni)	Photoanode engineering of dye-sensitized photovoltaic cells using zinc oxide microstructures for efficient light harvesting applications	06.09.2024
17	Prateek Singh (10BB17A02015)	CSIR-IGIB, New Delhi (Biological Sciences)	Debashis Das	Development of Al/ML methods for analyzing biomedical imaging and biochemical data	06.09.2024
18	Raghavakumari Ramesh Sunagar (50BB17A08035)	CSIR-CFTRI, Mysore (Biological Sciences)	Sreerama Y.N.	Impact of milling on phenolic profiles of browntop millet and its antidiabetic potential	06.09.2024
19	Debolina Chakraborty (10BB18A02028)	CSIR-IGIB, New Delhi (Biological Sciences)	Sagrika Biswas	Female sex hormone mediated protein regulations in rheumatoid arthritis	06.09.2024
20	Aradhya Tripathi (10BB19A04001)	CSIR-CDRI, Lucknow (Biological Sciences)	Niti Kumar	Understanding the role of HSP110 and its co-operation with co-chaperone in human malaria parasite	06.09.2024
21	Nilofer (10BB20A33024)	CSIR-IHBT, Palampur (Biological Sciences)	Aparna Maitra Pati	Unravelling stress tolerance potential of Plant Growth Promoting Rhizobacteria (PGPRs) and assessing their impact on economically important crops for development of biostimulants	17.09.2024
22	Sanjay (10CC19J16003)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Arvind Kumar	Neoteric solvents based colloidal formulations: applications in synthesis of advanced materials	17.09.2024





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23	Neha Dhiman (10CC19J19007)	CSIR-IIP, Dehradun (Chemical Sciences)	Bipul Sarkar (Sudhakara Reddy Yenumala)	Nano-metallic oxide based dehydration catalyst(s) for synthesis of sustainable chemicals using bio-derived feedstocks	17.09.2024
24	Sandesh Suresh K (10BB17A08016)	CSIR-CFTRI, Mysore (Biological Sciences)	Tanaji G. Kudre	Production and characterization of biodiesel from fish discards	17.09.2024
25	Desale Smita Eknath (10BB18A26031)	CSIR-NCL, Pune (Biological Sciences)	Subashchandrabose Chinnathambi	α-linolenic acid augment Tau phagocytosis and endosomal degradation <i>via</i> actin remodeling and microglial migration	17.09.2024
26	C Hari Hara Krishnan (10BB18A26032)	CSIR-NCL, Pune (Biological Sciences)	Subashchandrabose Chinnathambi	Misfolded Tau protein augments microglial activation and phagocytosis by signalling through the chemokine receptor CX3CR1	17.09.2024
27	Nilotpal Choudhury (32EE18A09001)	CSIR-CGCRI, Kolkata (Engineering Sciences)	Anirban Dhar (Ranjan Sen)	Development of ytterbium-doped novel active fibers through vapour phase chelate delivery technique	17.09.2024
28	Sreevathsan S (20EE17A08020)	CSIR-CFTRI, Mysore (Engineering Sciences)	Sandeep N. Mudliar	Studies on ozonation for treatment of complex organic wastewaters	17.09.2024
29	Kothavade Premkumar Anil (32EE18A26002)	CSIR-NCL, Pune (Engineering Sciences)	Kadhiravan Shanmuganathan	Improving the processability & functional properties of thermoplastic polymers for fused filament fabrication	17.09.2024
30	Vikas (20EE20J15014)	CSIR-CSIO, Chandigarh (Engineering Sciences)	Harry Garg	Study, analysis, and optimization of daylighting system using fresnel lens array	17.09.2024
31	Abhilash Kumar Paswan (10PP17A28005)	CSIR-NGRI, Hyderabad (Physical Sciences)	Virendra Mani Tiwari (Shakeel Ahmed)	Impacts of climate change on water resources and its management over Telangana, India through numerical modelling and earth observations	17.09.2024
32	Tanu Saroha (10BB19J20003)	CSIR-IMTech, Chandigarh (Biological Sciences)	Prabhu B Patil	Insights into genome dynamics and adaptation of opportunistic human pathogens	17.09.2024
33	Shweta Verma (10BB18A02022)	CSIR-IGIB, New Delhi (Biological Sciences)	Chetana Sachidanandan	Deciphering the role of KAT3 (lysine acetyltransferase type3) transcriptional coactivator in neural crest development	17.09.2024
34	Anirban Sardar (10BB19J04001)	CSIR-CDRI, Lucknow (Biological Sciences)	Ritu Trivedi	To evaluate the biological function of mesenchymal stem cells and the metabolic alterations associated with skeletal health due to fat infiltration in the bone marrow niche	17.09.2024





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35	Sakina Akbar Bombaywala (10BB20J27009)	CSIR-NEERI, Nagpur (Biological Sciences)	Nishant A. Dafale (Abhay Bajaj)	Understanding the distribution of antibiotic resistance genes in wastewater and its hopping under oxidative stress	17.09.2024
36	Pranjit Kumar Bora (10CC21J38003)	CSIR-NEIST, Jorhat (Chemical Sciences)	Saikat Haldar	A study on mushroom biocatalyzed aroma alteration of essential oils	17.09.2024
37	Arpit Malik (10PP19J32005)	CSIR-NPL, New Delhi (Physical Sciences)	Shankar G. Aggarwal (Daya Soni)	Black carbon measurements in urban air	17.09.2024
38	Amit Kumar Gangwar (10PP19J32032)	CSIR-NPL, New Delhi (Physical Sciences)	Preetam Singh (Govind)	Tin oxide based thin film and nanostructures for sensing applications	17.09.2024
39	Rashi Kedia (10CC20J32015)	CSIR-NPL, New Delhi (Chemical Sciences)	Asit Patra	Synthesis and deposition methods for hole transport layers in perovskite solar cells applications	21.09.2024
40	Basutkar Nitin Bapurao (10CC19J26021)	CSIR-NCL, Pune (Chemical Sciences)	Ashootosh V. Ambade	Synthesis and self-assembly studies of visible light-responsive amphiphilic polymer architectures	23.09.2024
41	Elorika Priyadarshni (10PP18A36006)	CSIR-IMMT, Bhubaneswar (Physical Sciences)	Muhammad Shahid Anwar (Sharmistha Anwar)	Synthesis and characterization of polymer-ceramic composites for energy harvesting and energy storage	23.09.2024
42	Anil Chauhan (10CC18A04032)	CSIR-CDRI, Lucknow (Chemical Sciences)	Ravindra Kumar	Development of desymmetrization strategy for the synthesis of ring-fused heterocycles of biological relevance	23.09.2024
43	Manga Bandari (10CC19J18009)	CSIR-IICT, Hyderabad (Chemical Sciences)	K. Suresh Babu	Isolation, identification of bioactive constituents from traditional Indian medicinal plants and their synthetic studies for anticancer activity	23.09.2024
44	Sumit (10CC19A32102)	CSIR-NPL, New Delhi (Chemical Sciences)	Ved Varun Agarwal	Study of interfacial tension of synthetic biological fluids using pendant drop method	23.09.2024
45	Sanjay Kumar Yadav (10CC19A16006)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Alok Ranjan Paital	Functionalized materials for sensing and removal of toxic analytes from aqueous solutions	23.09.2024
46	Mayank Pal (10CC19A32110)	CSIR-NPL, New Delhi (Chemical Sciences)	Kiran M Subhedar	Carbon nanotube forest based yarn and its application in wearable e-textile	23.09.2024
47	Sadhna (10CC19J26010)	CSIR-NCL, Pune (Chemical Sciences)	Benudhar Punji	Chemodivergent (De)hydrogenative coupling reactions of azoarenes, organonitriles and alcohols catalyzed by well-defined nickel complexes	23.09.2024
48	Shelte Amishwar Raysing (10CC20A16019)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Sanjay Pratihar	Supported nanoscale bimetallic catalysts for dehydrogenation, hydrogenation, and tandem (de) hydrogenation reaction	23.09.2024





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49	Santosh Kumar (10CC18A04041)	CSIR-CDRI, Lucknow (Chemical Sciences)	Ravindra Kumar (Arun K. Sinha)	Green synthesis of some privileged heterocyclic based compounds and their biological activities	23.09.2024
50	Madhab Biswas (10PP21J68016)	DST-WIHG, Dehradun (Physical Sciences)	Kalachand Sain	A seismic study of the Surin-Mastgarh Anticline, North West Himalaya: implications on geo-tectonics and geo-resources	23.09.2024
51	Anusha (50BB17A08031)	CSIR-CFTRI, Mysore (Biological Sciences)	Pradeep Singh Negi	Anti-aging potential of mealworm (<i>Tenebrio molitor</i>) protein-enriched fruit and vegetable-based products in <i>in-vitro</i> and <i>in-vivo</i> models	27.09.2024
52	Thati Ramya (10CC18A18026)	CSIR-IICT, Hyderabad (Chemical Sciences)	Mohana Krishna Reddy Mudiam (K. Suresh Babu)	Rapid analytical methods for the selective extraction and quantitative determination of contaminants in food samples using micro-extractions coupled with LC/LC-MS/MS	27.09.2024
53	Sangu Komal Govind (10CC21J18037)	CSIR-IICT, Hyderabad (Chemical Sciences)	Haridas B. Rode	Pyridine based chemotypes as antituberculosis agents	27.09.2024
54	Birajdar Rajkumar Swaminath (10CC19J26014)	CSIR-NCL, Pune (Chemical Sciences)	Samir H. Chikkali (Ashootosh V.Ambade)	Transition metal catalyzed polymerization of olefins and depolymerization of polyolefins	27.09.2024
55	Aryan Anurath Wavhal (10CC17A26001)	CSIR-NCL, Pune (Chemical Sciences)	Asha S.K.	Batch and continuous flow synthesis of rylenebisimide polymers and their application in energy storage	27.09.2024
56	Kanika Bhardwaj (10BB18A20012)	CSIR-IMTech, Chandigarh (Biological Sciences)	Dipak Dutta	The autoregulation of rho gene and its biological impact in bacteria	27.09.2024
57	Julee Verma (10BB16A22008)	CSIR-IITR, Lucknow (Biological Sciences)	Neeraj Kumar Satija (Smriti Priya)	Study on the effect of permethrin on adipogenic differentiation potential of bone marrow-mesenchymal stem cells	27.09.2024
58	Shweta Srivastava (10BB19A27009)	CSIR-NEERI, Nagpur (Biological Sciences)	Nishant A. Dafale	Exploiting camel rumen microbiome for designing microbial consortium to enhance agriculture waste hydrolysis	27.09.2024
59	Hemavathi S (20EE19A05020)	CSIR-CECRI, Karaikudi (Engineering Sciences)	A. S. Prakash (Srirama Srinivas)	Design approaches to improve the electrical and thermal characteristics of battery packs for electric vehicle applications	27.09.2024
60	Keerti Gupta (10BB17A22001)	CSIR-IITR, Lucknow (Biological Sciences)	Sanghamitra Bandyopadhyay	A study on tau pathology and the neuroprotective role of estrogen in arsenic-treated females rats	27.09.2024
61	Vishal Upadhyay (10BB19J04003)	CSIR-CDRI, Lucknow (Biological Sciences)	Arun Kumar Trivedi	Identifying interacting protein partners of Runx2: Elucidating biological relevance of their interaction in Runx2 regulated bone biology	27.09.2024
62	Desh Raj (10BB19J04057)	CSIR-CDRI, Lucknow (Biological Sciences)	Amit Lahiri	Investigating the role of peroxisome during Salmonella infection and in mucosal inflammation	27.09.2024
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63	Moirangthem Veigyabati Devi (10BB19J38003)	CSIR-NEIST, Jorhat (Biological Sciences)	Anil Kumar Singh	Understanding the role of transcriptional regulators and exploration of anti-biofilm agents to counter biofilm formation and drug resistance of <i>Mycobacterium abscessus</i>	27.09.2024
64	Shaziya Khan (10BB19J04025)	CSIR-CDRI, Lucknow (Biological Sciences)	Amit Lahiri	Understanding mitochondrial dynamics and immune response cross-talk in ulcerative colitis pathogenesis	27.09.2024
65	Prithvi Pal Singh (10CC20A33004)	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	Phytochemical investigation of Trillium govanianum Wall. ex D.Don	27.09.2024
66	Jayadev Nayak (10CC19A18018)	CSIR-IICT, Hyderabad (Chemical Sciences)	Rohit Kumar Rana	Bioinspired assembly of nanomaterials for application in catalytic hydrogen production and enzymatic processes	27.09.2024
67	Pushpa Ragini S (10CC17A18031)	CSIR-IICT, Hyderabad (Chemical Sciences)	Rajkumar Banerjee (Charlotte E. Conn)	Novel multifunctional cationic lipid hybrids for therapeutic applications in cancer - synthesis, formulation, characterization, and in vitro drug delivery	27.09.2024
68	Tanuja Tewari (10CC18A26055)	CSIR-NCL, Pune (Chemical Sciences)	Samir H. Chikkali	Iron-catalyzed hydroformylation, hydroalkoxycarbonylation and hydrosilylation	01.10.2024
69	Patil Sakshi Siddarth (10BB18A27019)	CSIR-NEERI, Nagpur (Biological Sciences)	S. Saravanadevi	Abundance of microplastics in the environment and its toxic impacts	01.10.2024
70	Divya Dixit (20EE20A26003)	CSIR-NCL, Pune (Engineering Sciences)	Vinay M. Bhandari	Studies in water and wastewater treatment	01.10.2024
71	Deepa Yadav (10PP18A32025)	CSIR-NPL, New Delhi (Physical Sciences)	Nita Dilawar Sharma	High pressure and low temperature driven behaviour of undoped and doped rare earth oxides	01.10.2024
72	Nagendla Narendra Kumar (10CC21J18021)	CSIR-IICT, Hyderabad (Chemical Sciences)	Mohan Krishna Reddy Mudiam (Anthony Addlagatta)	LC-MS/MS based analytical and phyto metabolic approaches for the quantitative analysis of adjuvants, pharmaceuticals, and plant extracts for healthcare applications	01.10.2024
73	Debparna Majumder (20EE19J09004)	CSIR-CGCRI, Kolkata (Engineering Sciences)	Atasi Pal	Tapered optical fiber based components for fiber laser and amplifier	01.10.2024
74	Nawghare Indrajeet Sadashiv (10CC18J26005)	CSIR-NCL, Pune (Chemical Sciences)	Jayaraj Nithyanandhan	Steric and electronic effects in unsymmetrical squaraine dyes for dye-sensitized solar cells: enhancing the charge injection, dye regeneration and decreasing the charge recombination processes	01.10.2024
75	Thripuranthaka M (10CC18J26008)	CSIR-NCL, Pune (Chemical Sciences)	Manjusha V. Shelke	Designing of functional materials for high sulfur loading and separator coating in lithium-sulfur batteries	01.10.2024





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76	Matta Sujitha (10CC19J18022)	CSIR-IICT, Hyderabad (Chemical Sciences)	Mohan Krishna Reddy Mudiam (K. Suresh Babu)	Mass spectrometry based phytochemical investigations to understand the chemical profiling of selected plants and their evaluation through <i>in-vitro</i> & kinetics to understand their antioxidant and anti-hyperglycemic activities	01.10.2024
77	Chiliveru Priyanka (10CC20J18008)	CSIR-IICT, Hyderabad (Chemical Sciences)	P. Nagender	Unraveling the novel reactivity of π trifluoromethylallyl palladium complexes to access the fluorinated heterocycles	04.10.2024
78	Ashmeet Kaur Alang (10CC19A32094)	CSIR-NPL, New Delhi (Chemical Sciences)	Shankar G. Aggarwal (Prabha Johri)	Study on brown carbon and secondary organic aerosols in urban atmosphere	04.10.2024
79	Arun Karmakar (10CC19A05021)	CSIR-CECRI, Karaikudi (Chemical Sciences)	Subrata Kundu	Surface engineering of transition metal based nano-structures for water splitting application	04.10.2024
80	Fathe Singh (10BB18A11001)	CSIR-CLRI, Chennai (Biological Sciences)	M. S. Kiran	Redox modulatory effects of hennotannic acid for cancer therapeutics	04.10.2024
81	Ranit D Rozario (10BB20J17009)	CSIR-IICB, Kolkata (Biological Sciences)	Dipyaman Ganguly	Exploring novel regulators of plasmacytoid dendritic cells	04.10.2024
82	Sreemoyee Chakraborty (10BB21J17005)	CSIR-IICB, Kolkata (Biological Sciences)	Smrutisanjita Behera (Suvendra Nath Bhattacharyya)	Balanced expression and export of miRNA in mammalian cells: Role of RNA binding proteins and metalloproteases in miRNA homeostasis	04.10.2024
83	Shreya Bhattacharjee (10BB21J17001)	CSIR-IICB, Kolkata (Biological Sciences)	Subrata Adak (Suvendra Nath Bhattacharyya)	Role of extracellular vesicles mediated cross-communication in modulation of inflammatory responses in macrophages and T cells	04.10.2024
84	Kirti Verma (10BB21J10018)	CSIR-CIMAP, Lucknow (Biological Sciences)	Saudan Singh (Rajesh Kumar Verma)	Evaluation of productivity and profitability of kalmegh [Andrographis paniculata (Burm.F) Wall ex.Nees] based co-cultivation system	04.10.2024
85	Arti (10PP18A32001)	CSIR-NPL, New Delhi (Physical Sciences)	Ajeet Kumar	Quantum conductance in resistive switching devices for multilevel memory applications	04.10.2024
86	Nilesh Khandelwal (10BB19J04020)	CSIR-CDRI, Lucknow (Biological Sciences)	Anil N. Gaikwad	Functional alterations in adipose tissue glucose homeostasis: Underlying epigenetic modulations and ameliorative therapeutic strategies	07.10.2024
87	Deepak Kumar (10CC21J10002)	CSIR-CIMAP, Lucknow (Chemical Sciences)	Prasanta Kumar Rout	Phytochemical investigation of <i>Gymnema sylvestre</i> R.Br. to establish correlation in gymnemic acids and their derivatives with bioactivities	07.10.2024
88	Bhaswati Paul (10CC19A17027)	CSIR-IICB, Kolkata (Chemical Sciences)	Ramalingam Natarajan	Design and development of novel metal-organic cages and cage-frameworks for molecular recognition and sensing	07.10.2024
89	Mousumi Bora (10CC21J38004)	CSIR-NEIST, Jorhat (Chemical Sciences)	Binoy K. Saikia	Chemical activation of carbonaceous materials for energy applications	07.10.2024





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90	Saroj Maji (10CC18A04043)	CSIR-CDRI, Lucknow (Chemical Sciences)	Gautam Panda	Quest for cationic anti-microbials and anti-cancer agents based on buckybowl derived unnatural amino acids and heterocycles	07.10.2024
91	Swapnil Vishnu Halnor (10CC18A26049)	CSIR-NCL, Pune (Chemical Sciences)	C V Ramana	Development of new methods around the nitro/azidoalkyne cycloisomerization and studies toward the total synthesis of austamide	07.10.2024
92	Pharyanshu Kachhawa (20EE18A06005)	CSIR-CEERI, Pilani (Engineering Sciences)	Nidhi Chaturvedi (Joachim Wuerfl)	Development of high voltage gallium oxide field effect transistor	10.10.2024
93	Kolli Harish Kumar (20EE18A12009)	CSIR-CMERI, Durgapur (Engineering Sciences)	Malay Kumar Karmakar (Bittagopal Mondal)	Design and optimization of receiver in parabolic dish concentrator for solar thermal applications	10.10.2024
94	Kharabe Geeta Pandurang (10CC19J26008)	CSIR-NCL, Pune (Chemical Sciences)	Sreekumar Kurungot	Supported nanostructured materials and gel polymer electrolytes for interface engineering of oxygen electrocatalysts for energy storage and conversion devices	10.10.2024
95	Bhagwat Singh Chauhan (10PP19A32008)	CSIR-NPL, New Delhi (Physical Sciences)	Naveen Garg	Traffic noise impact assessment and control studies for planning of metropolitan and smart cities in India	15.10.2024
96	Yamini (10CC19J33003)	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Methodology development for the synthesis of bioactive benzocycloheptene and 2-alkyl benzimidazole analogues	15.10.2024
97	Sunil Luhar (10CC19A16005)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Divesh N. Srivastava	Tailoring of the electrode for various electrochemical biosensors	15.10.2024
98	Gorle Mohan (10CC20J18010)	CSIR-IICT, Hyderabad (Chemical Sciences)	J. Vatsala Rani	Development of novel cathode materials and non-aqueous electrolytes for rechargeable aluminum and magnesium batteries	15.10.2024
99	Chaithanya Hareendran (10CC18A26002)	CSIR-NCL, Pune (Chemical Sciences)	T.G. Ajithkumar	Structural insights into pharmaceutical compounds from solid-state NMR techniques	15.10.2024
100	Sonu Khanka (10BB19J04010)	CSIR-CDRI, Lucknow (Biological Sciences)	Divya Singh	Deciphering the role of novel pyrimidine derivatives in promotion of osteogenesis and mitigation of glucocorticoid induced osteoporosis	17.10.2024
101	Mymoona. P (10CC18A05002)	CSIR-CECRI, Karaikudi (Chemical Sciences)	C Jayabharathi (E.S. Shibu)	Designing of atomically precise noble metal nanoclusters for electrocatalytic applications	17.10.2024
102	Prashant Kumar (10CC20A10001)	CSIR-CIMAP, Lucknow (Chemical Sciences)	Prasanta Kumar Rout	Valorization of commercially important essential oils of <i>Poaceae</i> and <i>Lamiaceae</i> families using heterogeneous catalysts	17.10.2024
103	Bebin A (10CC19A05010)	CSIR-CECRI, Karaikudi (Chemical Sciences)	M Kathiresan	Synthesis, evaluation and electrochemical applications of viologen-cucurbit[n]uril supramolecular complexes	17.10.2024





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104	Vikash Yadav (10BB18A04030)	CSIR-CDRI, Lucknow (Biological Sciences)	Ashish Arora	Structural and functional characterization of PadR family protein Rv1176c of Mycobacterium tuberculosis H37Rv	17.10.2024
105	Shaivya Kushwaha (10BB17A22003)	CSIR-IITR, Lucknow (Biological Sciences)	Debabrata Ghosh	Arsenic-induced modulation of microglial neuroinflammatory response in demyelinating mouse model	17.10.2024
106	Mohit Kumar Divakar (10BB18A02020)	CSIR-IGIB, New Delhi (Biological Sciences)	Sridhar Sivasubbu	Understanding the landscape of structural variants in Indian population and their implications in genetic diseases	17.10.2024
107	Priyanka Pant (10BB19J03023)	CSIR-CCMB, Hyderabad (Biological Sciences)	Kumarswamy Regalla	Exploration of the regulatory functions of long non-coding RNAs in cardiac hypertrophy and failure	17.10.2024
108	Parul Rani (20EE18J15010)	CSIR-CSIO, Chandigarh (Engineering Sciences)	Prof Sanjeev Kumar (Manfredo Atzori)	Electromyogram (EMG) signal-based feature extraction and control system for below elbow multi-gesture prosthetic hand	23.10.2024
109	Preeti Khera (20EE19J15003)	CSIR-CSIO, Chandigarh (Engineering Sciences)	Neelesh Kumar	Evaluation of human gait disorders using artificial intelligence techniques	23.10.2024
110	Gawas Saroj Shivram (32EE18A26003)	CSIR-NCL, Pune (Engineering Sciences)	Ulhas Kharul	Investigation of ABPBI-based hollow fiber membranes for the removal of organic acids and common bases from process streams	23.10.2024
111	Nilamoni Chelleng (10CC20J38010)	CSIR-NEIST, Jorhat (Chemical Sciences)	Chandan Tamuly	Studies on a few selected medicinal and aromatic plants of Arunachal Pradesh, India with emphasis on secondary metabolites and their biological applications	23.10.2024
112	Srinidhi S (32EE18A27010)	CSIR-NEERI, Nagpur (Engineering Sciences)	Lal Singh (Mahua Saha)	Impacts of microplastics on the plant lifecycle and rhizospheric microbial community dynamics	23.10.2024
113	Maisnam Devika Devi (10PP18A28010)	CSIR-NGRI, Hyderabad (Physical Sciences)	Anand Kumar Pandey (Prabha Pandey)	Gondwana tectonics and reactivation of central India tectonic zone, peninsular India	23.10.2024
114	Udisha Singh (10PP18A29006)	CSIR-NIO, Goa (Physical Sciences)	Ashwini Kumar	Geochemical and isotopic characterization of atmospheric mineral dust over the North Indian Ocean	23.10.2024
115	Veena Kumari (10BB17J08009)	CSIR-CFTRI, Mysore (Biological Sciences)	Jayadeep A	Thermal treatment effect on finger millet quality characteristics and development of nutrient rich food formulation	23.10.2024
116	Ripudaman Singh Negi (20EE20J19017)	CSIR-IIP, Dehradun (Engineering Sciences)	Shailesh Kumar Singh (Raj Kumar Singh)	Development of novel eco-friendly greases and their performance enhancement	23.10.2024
117	Kavya Mohan (10CC19A39001)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Nisha P. (Jayamurthy P.)	Pectin based soft-materials: comprehensive characterization of physicochemical, structural, textural and rheological attributes for food application	23.10.2024





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118	Aastha Vatsyayan (10BB20J02014)	CSIR-IGIB, New Delhi (Biological Sciences)	Vinod Scaria	Population-scale genomics for familial cancer syndromes	23.10.2024
119	Sanjana J (10BB19A08009)	CSIR-CFTRI, Mysore (Biological Sciences)	C D Nandini	Role of AMP-activated protein kinase modulation on hepatic O-GlcNAcylation in diet-induced hypercholesterolemia	23.10.2024
120	Triparna Das (10CC19J22002)	CSIR-IITR, Lucknow (Chemical Sciences)	Devendra Kumar Patel	Synthesis of biopolymer-based hydrogels for removal of heavy metals and dyes from water	25.10.2024
121	Feroze Hussain (10CC19A37040)	CSIR-IIIM, Jammu (Chemical Sciences)	Qazi Naveed Ahmed	Unveiling reactivities of chloro-N,N-dialkylphosphanamines towards the synthesis of P(O)-X (X=O, S, Se) bonds	25.10.2024
122	Manu S (10BB19J03028)	CSIR-CCMB, Hyderabad (Biological Sciences)	G. Umapathy	Exploration and assessment of biodiversity across the tree of life using extracellular eDNA	25.10.2024
123	Sachin Gajanan Rathod (10BB19A16021)	CSIR-CSMCRI, Bhavnagar (Biological Sciences)	Vaibhav A. Mantri (Monica G. Kavale)	Some attributes of biology and seasonality in green seaweed Ulva (Chlorophyta)	25.10.2024
124	Payal Bodar (10BB20A16009)	CSIR-CSMCRI, Bhavnagar (Biological Sciences)	Vaibhav A. Mantri (Rajendra Singh Thakur)	Study of trade-offs during the transition from vegetative to reproductive phase in <i>Ulva</i>	25.10.2024
125	Thejas K. K. (10PP19J39002)	CSIR-NIIST, Thiruvananthapuram (Physical Sciences)	Subrata Das	Non-rare earth-based new class of inorganic phosphors for lighting, medical imaging and security applications	25.10.2024
126	Kokate Piyush Ashok (20EE18A27008)	CSIR-NEERI, Nagpur (Engineering Sciences)	Anirban Middey (Shashikant Sadistap)	A Comprehensive study of UAV enabled air sampling methodology and design of air quality monitoring systems for industrial applications	28.10.2024
127	Potdukhe Rasika Mukundrao (10BB18J27013)	CSIR-NEERI, Nagpur (Biological Sciences)	Atya Kapley (Rakesh Kumar)	Co-digestion of STP sludge with agricultural waste residue for biogas production	28.10.2024
128	Tessy T. D. (10CC16A39006)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Karunakaran Venugopal	Synthesis and ultrafast excited state relaxation dynamics of oxadiazole and diketopyrrolopyrrole derivatives for optoelectronic applications	28.10.2024
129	Priyansha Gupta (10PP18A29001)	CSIR-NIO, Goa (Physical Sciences)	Mahua Saha	Assessment of toxic chemical components of marine plastic litter over the coastal and estuarine environment along the west coast of India	29.10.2024
130	Vishwakarma Ravikumar Ramlal (10CC21J16014)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Amal Kumar Mandal	Functional supramolecular materials: design, preparation, characterization, and application	29.10.2024





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131	Swati Singh	CSIR-CIMAP, Lucknow	Ram Swaroop Verma	Chemical and biological investigations of less explored aromatic plants: Artemi-	29.10.2024
28.00	(10CC20J10011)	(Chemical Sciences)	(Rajendra Chandra	sia pallens Wall. ex DC., Ravenia spectabilis Engl., Cymbopogon distans (Nees	
			Padalia)	ex Steud.) W. Watson and Cymbopogon martini (Roxb.) W. Watson (var. sofia)	

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