



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)-2025

Dated: September 08, 2025

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 April to June, 2025. The relevant details are indicated below:

SN	Name (Registration Number)	Associated Research Institute (Faculty)	Supervisor (Co-Supervisor)	Thesis Title	Date of Award of Ph.D. Degree
1	Ghodake Ravindra Shamrao (20EE18A26019)	CSIR-NCL, Pune (Engineering Sciences)	Ashish V. Orpe	Study of flowability of granular material coated with powder lubricant	01.04.2025
2	Shivamurthy B P (10CC20J26019)	CSIR-NCL, Pune (Chemical Sciences)	Nayaka G.P.	Development and investigation of electrochemical properties of high-voltage spinel-based cathode materials and recycling methodology for Li-ion batteries	01.04.2025
3	Akhilesh Mishra (32EE19A06009)	CSIR-CEERI, Pilani (Engineering Sciences)	Udit Narayan Pal (Ram Prakash Lamba)	Investigation of high power pseudospark discharge based devices for fast pulsed power applications	01.04.2025
4	Feroza Begum (10BB19A17005)	CSIR-IICB, Kolkata (Biological Sciences)	Upasana Ray	Understanding the biology of SARS-CoV-2 spike protein and targeting spike protein function for therapeutic interventions	01.04.2025
5	Reena (10PP18A32040)	CSIR-NPL, New Delhi (Physical Sciences)	Sudhir Husale	Fabrication, characterization and magneto transport studies on topological insulator based nano junctions	01.04.2025
6	Mansi Gupta (20EE18A15012)	CSIR- CSIO, Chandigarh (Engineering Sciences)	Navneet Singh Aulakh (Inderdeep Kaur Aulakh)	Energy-efficient routing and clustering schemes in wireless sensor networks	01.04.2025
7	Sarbasree Dutta (20EE19A09006)	CSIR-CGCRI, Kolkata (Engineering Sciences)	Nandini Das	Alumino-silicate based zeolite and clay membranes for gas separation application	01.04.2025
8	Harshit Sharma (10PP19A32005)	CSIR-NPL, New Delhi (Physical Sciences)	Ritu Srivastava	Ternary metal sulfide nanostructures for photodetection and memory devices	01.04.2025
9	Wankhede Utkarsha Uttamrao (10CC21A27008)	CSIR-NEERI, Nagpur (Chemical Sciences)	Sadhana Rayalu (R.J. Krupadam)	Development of eco-friendly reduced emissions light emitting pyrotechnics	01.04.2025
10	Ankita Thakur (10CC20J33034)	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	Development of catalytic methodologies for C-H functionalization of six-membered N-heterocycles	01.04.2025
11	S Krishnamoorthi (10BB19A17013)	CSIR-IICB, Kolkata (Biological Sciences)	Jayati Sengupta	Structural and biochemical analysis of specific ribosome-associated stress-related proteins	01.04.2025
12	Rubi Barman (10BB18J38007)	CSIR-NEIST, Jorhat (Biological Sciences)	Dipanwita Banik (Siddhartha Proteem Saikia)	Morpho-molecular and chemical characterization of selected species of <i>Myristicaceae</i> from Assam and adjoining regions of North East India	01.04.2025



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13	Rhythm Phutela (10BB18A02011)	CSIR-IGIB, New Delhi (Biological Sciences)	Debojyoti Chakraborty	Systematic understanding of the DNA repair mechanisms induced by Cas9 mediated cleavage	01.04.2025
14	Kotipalli Rama Satya Sri (10BB21A18007)	CSIR-IICT, Hyderabad (Biological Sciences)	Sistta Ramakrishna (K. Muralidharan)	Pharmacological intervention and molecular mechanisms in mitigation of PCOS characteristics in mice models	01.04.2025
15	Ravina Saini (10BB19J03016)	CSIR-CCMB, Hyderabad (Biological Sciences)	Rakesh Kumar Mishra (Manjula Reddy)	Mechanism of transgenerational epigenetic inheritance in <i>Drosophila melanogaster</i>	01.04.2025
16	Manpreet Kaur (10BB18A20003)	CSIR-IMTech, Chandigarh (Biological Sciences)	Balvinder Singh	Conformational studies on EmrE efflux pump and its inhibition	01.04.2025
17	Sreyashi Chandra (10BB18A17002)	CSIR-IICB, Kolkata (Biological Sciences)	Prem Prakash Tripathi	Neurodevelopmental defects in the hippocampus caused by pre-natal exposure to valproic acid	01.04.2025
18	Praveen Lakhera (20EE19A15018)	CSIR- CSIO, Chandigarh (Engineering Sciences)	Sanjeev Kumar (Parveen Kumar)	Microfluidics integrated colorimetric point of care detection system for glycated hemoglobin	01.04.2025
19	B Govardhan (20EE17A18041)	CSIR-IICT, Hyderabad (Engineering Sciences)	S. Sridhar	Design of advanced separation processes for ionic and non-ionic contaminants from aqueous feed systems	01.04.2025
20	Ashwin Kumar M S (10BB19A08023)	CSIR-CFTRI, Mysuru (Biological Sciences)	Suresh D Sakhare (Jyothi Lakshmi A)	Processing intervention to enhance the bio-availability of fortified iron and zinc in development of speciality wheat-based products	01.04.2025
21	Chandan Yadav (10PP20J32011)	CSIR-NPL, New Delhi (Physical Sciences)	Sushil Kumar	Growth of MAPbI ₃ & MASnI ₃ perovskite thin films using vacuum based PECVD process for optoelectronics applications	01.04.2025
22	J Santhosh (10CC21A18013)	CSIR-IICT, Hyderabad (Chemical Sciences)	S Venkata Mohan	Development of continuous electro-acetogenesis process for enhanced green hydrogen production from biogenic waste	01.04.2025
23	Netrapal Singh (10PP19A35004)	CSIR-AMPRI, Bhopal (Physical Sciences)	Surender Kumar	Investigations of meniscus confined 3D printed nano structures for surface plasmonic and solar cell applications	01.04.2025
24	Amrutha V (10PP19J24002)	CSIR-NAL, Bengaluru (Physical Sciences)	Harish C. Barshilia	Study of micro-nanostructured selective absorber coating via rapid heat treatment of silicon/stainless steel for high-temperature solar thermal applications	01.04.2025
25	Parminder Kaur (10BB18J10008)	CSIR-CIMAP, Lucknow (Biological Sciences)	Saudan Singh (Rakesh Kumar)	Evaluation of productivity, quality and resource use efficiency of <i>Ocimum basilicum</i> L. under co-cultivation systems	01.04.2025
26	Neetu (10BB19A20032)	CSIR-IMTech, Chandigarh (Biological Sciences)	Ramya TNC	Glycan binding proteins and glyco-enzymes: Steps towards disarming the glycan shields of pathogens	01.04.2025
27	Kajal Kaliya (10CC19A33032)	CSIR-IHBT, Palampur (Chemical Sciences)	Ankit Saneja (Sushil Kumar Maurya)	Investigation of Covalent Organic Frameworks (COFs) and bio-conjugation based approaches for augmenting the therapeutic efficacy of a nucleoside analogue	01.04.2025
28	Vipin Chandra Joshi (10CC20J16006)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Saroj Sharma (M. Karthik)	Iron based metallo-polymeric matrix for the mitigation of arsenic from water	01.04.2025



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29	Vinay Kumar (10CC20J18047)	CSIR-IICT, Hyderabad (Chemical Sciences)	Surya Prakash Singh	Synthesis of π -conjugated small molecule-based photoactive materials	01.04.2025
30	Meera Sebastian (10CC19A39014)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Nishanth K. G. (Subrata Das)	Studies on metal oxide-based catalysts for ammonia electrosynthesis from nitrogen	01.04.2025
31	Shabina Bee Ansari (10CC19J04002)	CSIR-CDRI, Lucknow (Chemical Sciences)	Damodara Reddy N.	Design and synthesis of <i>N</i> -arylpiperazine containing anti-infective agents and methodology development for the total synthesis of natural product darobactin A	01.04.2025
32	Adhip Mukhopadhyay (10BB19J20001)	CSIR-IMTech, Chandigarh (Biological Sciences)	Manoj Kumar	Elucidation of bacteriophage diversity in different environments and its implications in antimicrobial resistance	01.04.2025
33	Amit Karmakar (10CC20A43004)	CSIR-CIMFR, Dhanbad (Chemical Sciences)	P. Gopinathan	Organo-petrographic insights into the behaviour of coking and non-coking coals during coal beneficiation	01.04.2025
34	Narendra Singh (10CC19A19006)	CSIR-IIP, Dehradun (Chemical Sciences)	Aarti (Soumen Dasgupta)	Adsorbent development and evaluation for CO ₂ /CH ₄ /N ₂ separations	01.04.2025
35	Satyakam (10BB19A33018)	CSIR-IHBT, Palampur (Biological Sciences)	Rajiv Kumar	Elucidating cold and freezing response in <i>Picrorhiza kurroa</i> Royle ex. Benth	07.04.2025
36	Shaik Taslim Babru (10BB19A18063)	CSIR-IICT, Hyderabad (Biological Sciences)	Sistla Ramakrishna (A. Sai Balaji)	Antifibrotic and antiinflammatory effects of dehydrozingerone and vistusertib against pulmonary fibrosis: a focus on Wnt/ β -catenin and mTOR signaling	07.04.2025
37	Shikha (10BB17A10001)	CSIR-CIMAP, Lucknow (Biological Sciences)	Rakesh Kumar Shukla	Molecular characterization of transcripts involved in waterlogging-induced adventitious root formation in <i>Mentha arvensis</i>	07.04.2025
38	Shivani Mishra (10BB19J04009)	CSIR-CDRI, Lucknow (Biological Sciences)	Saman Habib	Analysis of organellar DNA repair proteins putatively involved in the processing of DNA termini and mismatch repair in the malaria parasite	07.04.2025
39	Shini. V. S (10BB18A39034)	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	P. Nisha	Resistant starch encapsulated lactoferrin for the effective management of inflammation	07.04.2025
40	Neha Jaiswal (10BB18J26024)	CSIR-NCL, Pune (Biological Sciences)	Bhushan P. Chaudhari	Synthesis and characterization of chitosan nanoparticles as a targeted drug delivery system for the treatment of hepatocellular carcinoma	07.04.2025
41	Bijayananda Dalai (10PP18A28013)	CSIR-NGRI, Hyderabad (Physical Sciences)	Prakash Kumar	De-noising and inversion of receiver function data using deep learning and sparse representations	07.04.2025
42	Sakesh Kumar (10BB19A04006)	CSIR-CDRI, Lucknow (Biological Sciences)	Prem N. Yadav	Characterization of dopamine receptor D5 (DRD5) in cognitive functions	07.04.2025



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43	Aparna Paul (10CC20A12007)	CSIR-CMERI, Durgapur (Chemical Sciences)	Tapas Kuila	Development of bi-metallic oxides/sulfides-reduced graphene oxide composite electrode materials for high energy density supercapacitor	07.04.2025
44	Yahavi C (10CB19J22004)	CSIR-IITR, Lucknow (Biological Sciences)	Sheelendra Pratap Singh	Chemical biomarker identification and toxicokinetic characterization of flusilazole and hexaconazole: implications in human health risk assessment	07.04.2025
45	Reshma M Mathew (10BB18A39035)	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	Rajeev K. Sukumaran	Alpha-transglucosidase from <i>Aspergillus carbonarius</i> BTCT-5: cloning, molecular characterization and application in the synthesis of stable vitamin C analogue	07.04.2025
46	SAIREM BABY THOITHOI (10BB19A25001)	CSIR-NBRI, Lucknow (Biological Sciences)	Aniruddha P. Sane	Role of <i>SIMYB53</i> in root growth and plant development in tomato (<i>Solanum lycopersicum</i>)	07.04.2025
47	Arvind Gupta (10BB19J04031)	CSIR-CDRI, Lucknow (Biological Sciences)	Jimut Kanti Ghosh	Identification and characterization of short protein fragments with anti-diabetic property	07.04.2025
48	Washimkar Kaveri Rajaram (10BB20J04017)	CSIR-CDRI, Lucknow (Biological Sciences)	Madhav Nilakanth Mugale	Elucidation of molecular mechanisms and metabolic alterations in pulmonary fibrosis	07.04.2025
49	Rajwinder Kaur (10BB19A18061)	CSIR-IICT, Hyderabad (Biological Sciences)	Sistla Ramakrishna (Hitesh Kulhari)	Design and evaluation of lipid nanocarrier drug delivery systems for the treatment of pulmonary disorders	07.04.2025
50	Kattula Bhavita (10BB20J18057)	CSIR-IICT, Hyderabad (Biological Sciences)	Anthony Addlagatta	Exploring the role of catalytic cysteine in ene-reductases and corona viral proteases: application in biocatalysis and antiviral drug discovery	07.04.2025
51	Sandeepan Das (10BB18A17001)	CSIR-IICB, Kolkata (Biological Sciences)	Upasana Roy	Understanding the role of dengue virus non-structural protein 1 (NS1) in modulating the host cell environment in favour of virus pathogenesis and therapeutics	07.04.2025
52	Kavya.I (10CC19J26029)	CSIR-NCL, Pune (Chemical Sciences)	T.G. Ajithkumar	Structural insights into modified borosilicate glasses from solid-state NMR spectroscopy	07.04.2025
53	Ammu Surendran (10CC18A05001)	CSIR-CECRI, Karaikudi (Chemical Sciences)	Aiswarya Bhaskar	High-capacity electrode materials for sodium-ion batteries: electrochemical performance and operating mechanism	07.04.2025
54	Deepika Tavar (10CC19A35012)	CSIR-AMPRI, Bhopal (Chemical Sciences)	Mohammad Ashiq (Archana Singh)	Metal oxide and mixed metal oxide modified anode for efficient electrocatalytic water oxidation	07.04.2025
55	Vishal Kumar Sharma (10CC19A26042)	CSIR-NCL, Pune (Chemical Sciences)	Sakya Singh Sen	Tridentate NacNac ligand supported main-group and transition metal compounds: pendent picolyl powers peculiar chemistry	07.04.2025
56	Shubham Kumar (10PP19A32077)	CSIR-NPL, New Delhi (Physical Sciences)	Ashok Kumar (Sanjay Yadav)	Design and development of flexible pressure sensors for physiological applications	08.04.2025



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57	Shubhada Kar (32EE18A31008)	CSIR-NML, Jamshedpur (Engineering Sciences)	Gopi Kishor Mandal (Vikas C Srivastava)	An insight into the development of precipitation-hardened Ni-based medium entropy alloys	09.04.2025
58	Preeti (10PP19A32027)	CSIR-NPL, New Delhi (Physical Sciences)	Govind	Fabrication of tin chalcogenides based bi-directional self-powered optoelectronic devices	09.04.2025
59	Stuti Srivastava (10PP20J32010)	CSIR-NPL, New Delhi (Physical Sciences)	Preetam Singh (Govind)	Design and fabrication of magnetron sputtered nickel oxide based thin films for gas and optical sensors	09.04.2025
60	Anamika Thakur (10BB19J20010)	CSIR-IMTech, Chandigarh (Biological Sciences)	Manoj Kumar	Development of computational tools for host-virus encoded microRNAs, their inhibitors and long non-coding RNAs involved in viral diseases	09.04.2025
61	Ranjana Soni (10BB16A10002)	CSIR-CIMAP, Lucknow (Biological Sciences)	Vikrant Gupta	Analysis of trichome-related gene(s) and interventions for <i>In Vitro</i> propagation to improve artemisinin biosynthesis in <i>Artemisia annua</i>	15.04.2025
62	Thakkar Kavita Subhash (10PP18A26025)	CSIR-NCL, Pune (Physical Sciences)	Kavita Joshi	Tailoring C-O and C-H bond activation on various catalysts employing periodic density functional theory	15.04.2025
63	S Rohini Karnat (10BB20J08017)	CSIR-CFTRI, Mysuru (Biological Sciences)	D. Somashekar	Valorization of spent idli and dosa batter generated from food industry and its application	15.04.2025
64	Deep Jyoti Das (10BB19A38010)	CSIR-NEIST, Jorhat (Biological Sciences)	Rinku Baishya	Functional potential of <i>Akhuni</i> , an ethnic food of Nagaland: a comprehensive pharmacological study	15.04.2025
65	Sudip Dandapat (10CC20J18042)	CSIR-IICT, Hyderabad (Chemical Sciences)	Pravin R Likhar	Tuning catalysis in selective oxidation of cyclohexane	15.04.2025
66	Lalit Kumar (10CC19A32108)	CSIR-NPL, New Delhi (Chemical Sciences)	V. Ezhilselvi	Adsorption of phenolic compounds from water using orange peel-based adsorbents	15.04.2025
67	Sandhyawasini Kumari (10CC21A43003)	CSIR-CIMFR, Dhanbad (Chemical Sciences)	M.S. Santosh	Development of novel photo-and electro-catalysts for the treatment of pollutants in wastewater	15.04.2025
68	Tubai Chowdhury (10PP19J26002)	CSIR-NCL, Pune (Physical Sciences)	Sayan Bagchi	Dynamics in choline-based deep eutectic solvents: hydrogen bond donor variation and water addition impact	17.04.2025
69	Shankar Ram (10CC17A33017)	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Methodology development for heterogeneous palladium catalyzed carbonylation strategies using oxalic acid as a C1 source	21.04.2025
70	Kiran Das (10BB22J71006)	CBMR, Lucknow (Biological Sciences)	Biswanath Maity	Elucidating the role of G-protein modulator RGS11 protein in chemotherapeutic induced multiorgan complications	21.04.2025
71	Mani Sharma (10BB21J18006)	CSIR-IICT, Hyderabad (Biological Sciences)	Sistla Ramakrishna	Design, synthesis and therapeutic evaluation of novel cationic lipids for the delivery of anti-cancer agents	21.04.2025
72	Hridoyjit Phukan (10BB17J38012)	CSIR-NEIST, Jorhat (Biological Sciences)	Dipul Kalita	The study on the bacterial originated colorant for fiber/textile dyeing application	21.04.2025



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73	B S Manisha Singh (10BB20A36007)	CSIR-IMMT, Bhubaneswar (Biological Sciences)	Nabin Kumar Dhal (Dinakrushna Mohapatra)	Phytoremediation of radionuclides (¹³⁷ Cs and ⁹⁰ Sr) and their post-harvest management	21.04.2025
74	Sonavane Sameer Raghunath (10CC19J26016)	CSIR-NCL, Pune (Chemical Sciences)	Santosh B. Mhaske	Decarboxylative C–C and C-heteroatom bond forming reactions: new methods and their application in total synthesis	21.04.2025
75	Ganesh Udari (10CC20A18031)	CSIR-IICT, Hyderabad (Chemical Sciences)	Surya Prakash Singh	Visible light-driven organic synthesis: exploring tandem decarbox- ylation-cyclization, decarboxylative cross-coupling, and 1,3- dipolar cycloaddition reactions	21.04.2025
76	Kundan Singh Wasnik (10CC20J26002)	CSIR-NCL, Pune (Chemical Sciences)	Manjusha V. Shelke	Development of sodiophilic hosts and mechanistic understanding of sodium nucleation for sodium metal anode	21.04.2025
77	Ratnesh Kumar Jha (10CC21A26047)	CSIR-NCL, Pune (Chemical Sciences)	T. Raja (Sonu Ramashankar)	Synthesis, characterization and applications of different manga- nese oxides in chemical transformations	21.04.2025
78	Dipak Patra (10CC19A39006)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	A. Ajayaghosh (Sreejith Shankar)	Photo- and redox-responsive LCST-active π -systems: synthesis, properties and applications	21.04.2025
79	Dinesh Singh (10CC19A26009)	CSIR-NCL, Pune (Chemical Sciences)	Pankaj Poddar	Study of bismuth-based two-dimensional semiconducting materi- als for diverse applications	21.04.2025
80	Parvathy P. A. (10CC19A39016)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Sushanta Kumar Sahoo	Design and development of responsive bio-based polymeric gel systems	21.04.2025
81	Aasia Ansari (10CC20J18002)	CSIR-IICT, Hyderabad (Chemical Sciences)	Rajkumar Banerjee	Development of sigma receptor-targeted, glucose-based nano- therapeutics for glioblastoma treatment	21.04.2025
82	Babita Sharma (10BB18A02013)	CSIR-IGIB, New Delhi (Biological Sciences)	Vivek T Natarajan	Deciphering role of selective N-glycosyl modification in develop- ment of melanocytes from neural crest cells	25.04.2025
83	Ajay Kumar (10BB20J33020)	CSIR-IHBT, Palampur (Biological Sciences)	Sanatsujat Singh	Morpho-physiological, biochemical, and molecular variations un- der drought stress in <i>Tagetes minuta</i> L.	25.04.2025
84	Sudipa Thakur (10BB15A10007)	CSIR-CIMAP, Lucknow (Biological Sciences)	Prema G. Vasudev	Structural and functional studies of MYB transcription factors in plants	25.04.2025
85	Priyanka (10BB18A20017)	CSIR-IMTech, Chandigarh (Biological Sciences)	Neeraj Khatri	Deciphering the molecular mechanisms and the biological poten- tial of 2,2'-bipyridine analogs	25.04.2025
86	Ritu (10BB20J33030)	CSIR-IHBT, Palampur (Biological Sciences)	Ravi Kumar Shankar	Computational analysis of plant lncRNAs and their impact on ge- nomic systems	25.04.2025



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87	Semim Akhtar Ahmed (10BB20A66003)	DST-IASST, Guwahati (Biological Sciences)	Jagat C. Borah	Anti-diabetic and nephroprotective potential of traditional medicinal plants and its active constituents through modulation of hepatic glucose production and renal biomarkers	25.04.2025
88	Sangeetha Mohan (10CC19J39004)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Sasidhar B.S.	Rational design and discovery of natural product-inspired chemical entities active against multi-faceted inflammatory targets	25.04.2025
89	Vijayakumar S (10CC19A39004)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	A. Ajayaghosh (Rakhi R. B.)	Synthesis, properties and applications of new Covalent Organic Network (CON) polymers	25.04.2025
90	Khushboo Kumari (10CC20J32026)	CSIR-NPL, New Delhi (Chemical Sciences)	Saroj Kumari	Development and studies of mesophase pitch and carbon fibers therefrom	25.04.2025
91	Nishu (10CC20A16014)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Alok Ranjan Paital	Development of functionalized materials and ionic liquids for sensing and extraction of precious and toxic ions from aqueous media	25.04.2025
92	Naresh R (10CC20J05004)	CSIR-CECRI, Karaikudi (Chemical Sciences)	P. Ragupathy	Investigation on the performance characteristics of zinc-bromine redox flow battery	25.04.2025
93	Pushkar Mehara (10CC20J33035)	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Methodology development for supported palladium-catalyzed carbonylation reactions using oxalic acid as CO source	25.04.2025
94	Preeti (10CC19A18028)	CSIR-IICT, Hyderabad (Chemical Sciences)	S. Chandrasekhar (Raju Adepu)	Synthetic studies towards pseudouridine and phenanthridinone derivatives	25.04.2025
95	Priya Kumari (10CC15A43007)	CSIR-CIMFR, Dhanbad (Chemical Sciences)	Ashok K. Singh	Impact of chemical and petrographic characteristics of Indian, imported coal and their blends for metallurgical coke making	25.04.2025
96	Nikhil Chandran. M. K (10CC18A05008)	CSIR-CECRI, Karaikudi (Chemical Sciences)	M. Sathish (N. Kalaiselvi)	Designing potential electrode materials for high-rate sodium-ion batteries	25.04.2025
97	Shejawale Deepali Dnyaneshwar (20BE15A08009)	CSIR-CFTRI, Mysuru (Engineering Sciences)	Navin Kumar Rastogi	Solvent extraction and membrane processing of soybean oil	25.04.2025
98	Bagwan Farahanaz Mahammad Rafiq (20EE20A26017)	CSIR-NCL, Pune (Engineering Sciences)	Satyam Naidu Vasireddy	Experimental and modeling studies of catalytic hydrogenation for conversion of carbon dioxide and hydrogen storage	25.04.2025
99	Amrit Raj Paul (20EE20J12012)	CSIR-CMERI, Durgapur (Engineering Sciences)	Manidipto Mukherjee (Dilpreet Singh)	Development of stainless steel-aluminium bimetallic transitionally graded structures using Directed Energy Deposition (DED) processes	25.04.2025
100	Abhishek Raj (32EE18A27009)	CSIR-NEERI, Nagpur (Engineering Sciences)	Avneesh Anshul (Manish Kumar)	Design and fabrication of lead-free perovskite solar cells through solution processable method and evaluation of their environmental impacts	25.04.2025



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101	Amit Soni (10PP18A32020)	CSIR-NPL, New Delhi (Physical Sciences)	Ashok Kumar	Design and development of low-cost, non-invasive blood pressure devices	25.04.2025
102	Nandita Mehta (10BB16A33011)	CSIR-IHBT, Palampur (Biological Sciences)	Amit Chawla	Studies on adaptation response of plant species along the elevational gradients in Western Himalaya	05.05.2025
103	Bittu Ram (10BB18J33002)	CSIR-IHBT, Palampur (Biological Sciences)	Amit Chawla	Studies on the role of dominance of shrubs on ecosystem functioning in the alpine region of Western Himalaya	05.05.2025
104	Anjum Bano (10BB18J04004)	CSIR-CDRI, Lucknow (Biological Sciences)	Vineeta Tripathi	Identification, cloning and characterization of genes involved in the biosynthesis of secondary metabolites from <i>Eclipta prostrata</i> (L.) L.	05.05.2025
105	Priyanka Khilar (10BB19A18060)	CSIR-IICT, Hyderabad (Biological Sciences)	Ramesh Ummanni	Deciphering the role of Tumor Protein D52 (TPD52) in prostate cancer: a study of altered signaling pathways involving TPD52	05.05.2025
106	Sruthi. K.K (10BB20J18064)	CSIR-IICT, Hyderabad (Biological Sciences)	Ramesh Ummanni	Unraveling the mechanisms of neuroendocrine differentiation in prostate cancer: the roles of TPD52 and VCP/p97 in NEPC progression	05.05.2025
107	Naveen Kumar Maurya (10CC20J04064)	CSIR-CDRI, Lucknow (Chemical Sciences)	Malleswara Rao Kuram	Exploration of cyclic diaryliodonium salt as biarylating agents: synthesis of biologically relevant molecules	05.05.2025
108	Megha Paul (10CC18A39006)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Karunakaran Venugopal	Ultrafast relaxation dynamics of heme b and c: unfolding dynamics of cytochrome c upon binding with various lipids and binding dynamics of horseradish peroxidase with substrates and nitric oxide	05.05.2025
109	Ajmal P (10CC19J26023)	CSIR-NCL, Pune (Chemical Sciences)	Sreekumar Kurungot	Tailoring of electrocatalysts with structured carbon morphologies and process-friendly electrodes comprising modified triple phase interface for electrochemical energy devices	05.05.2025
110	Abhisek Mishra (10PP19A28005)	CSIR-NGRI, Hyderabad (Physical Sciences)	P. Senthil Kumar	A global study of lunar lobate scarps and associated mass wasting features: implications for recent seismo-tectonic processes on the Moon	05.05.2025
111	Sunil Kumar (10BB19J25024)	CSIR-NBRI, Lucknow (Biological Sciences)	Sribash Roy	Role of a long non-coding RNA in <i>Arabidopsis thaliana</i> populations originated at different altitudes	05.05.2025
112	Pratibha Giri (10PP20A32025)	CSIR-NPL, New Delhi (Physical Sciences)	Jai Prakash Tiwari	Investigation of feasible device structure using perovskite materials for photovoltaic applications	05.05.2025
113	Rahmatkar Shubham Nilkanth (10BB19J33007)	CSIR-IHBT, Palampur (Biological Sciences)	Damanpreet Singh	Elucidating the neuroprotective potential of medicinally important high altitude buckwheat species of trans-Himalaya for Alzheimer's disease and mechanistic insights	05.05.2025
114	Punam Kumari (10BB19J11003)	CSIR-CLRI, Chennai (Biological Sciences)	M.S. Kiran	Studies on the efficacy of plant mucilage-reinforced collagen biomaterials for soft tissue engineering applications	05.05.2025



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115	Gaurav Badhani (10CC20J16018)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	S. Adimurthy	Synthesis and functionalization of quinoxalines, quinoxalinones and their derivatives	05.05.2025
116	Gundamalla Rachel (10CC19A18017)	CSIR-IICT, Hyderabad (Chemical Sciences)	B.V. Subba Reddy	Total synthesis of biologically active bempedoic acid, niclosamide, vortioxetine, 1,7-dioxaspiro[5.5]undecane and ethiprole	05.05.2025
117	Peddagolla Mahesh Kumar (10CC20J18032)	CSIR-IICT, Hyderabad (Chemical Sciences)	N. Lingaiah	Studies on heterogeneous catalysts for ketonization of carboxylic acids to ketones	05.05.2025
118	Bora Dimple Khemchand (10CC21A16019)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Govind Sethia (Rajaram K. Nagarale)	Metal oxides based electrocatalyst for energy applications	05.05.2025
119	Kailash Singh (10CC18A26060)	CSIR-NCL, Pune (Chemical Sciences)	Kaliaperumal Selvaraj	Non-precious metal nanocomposites for energy and electrochemical applications	05.05.2025
120	Jyoti Ranjan Mandal (10CC21A16025)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Vinod Kumar Shahi (Rajaram K. Nagarale)	Functionalized polymeric membranes and material for electrochemical energy devices	05.05.2025
121	Nidhi Kumari (10BB18A17008)	CSIR-IICB, Kolkata (Biological Sciences)	G. Senthil Kumar	Elucidating the role of Immunoglobulin Superfamily Member 21 (IGSF21) in early pathological changes of diabetic retinopathy	05.05.2025
122	Nirmalya Malla (10PP18A29003)	CSIR-NIO, Goa (Physical Sciences)	Sunil Kumar Singh	Biogeochemical cycling of micro-nutrients in the Indian Ocean	05.05.2025
123	Akshay Unnikrishnan (10PP19A29017)	CSIR-NIO, Goa (Physical Sciences)	Narsinh L. Thakur	Metagenomic profiling and bioprospecting of bacteria from cold seep habitat	05.05.2025
124	Vimalkumar P. S. (10BB19J39011)	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	K.V. Radhakrishnan (Kaustabh Kumar Maiti)	A comprehensive investigation of malabaricones from <i>Myristica malabarica</i> Lam.: an <i>in vitro</i> approach to counter breast cancer progression	05.05.2025
125	Mohammad Saleem Khan (10BB19A10004)	CSIR-CIMAP, Lucknow (Biological Sciences)	Manoj Semwal (Rajesh Kumar Verma)	Application of machine learning algorithm on UAV-based multi-spectral imagery for monitoring chlorophyll, nitrogen and yield in citronella crop	05.05.2025
126	Sabita Singh (10BB19J17012)	CSIR-IICB, Kolkata (Biological Sciences)	Ulaganathan Mabalirajan	Comprehending the role of Retinoid-X-Receptor Gamma (RXR γ) in the pathogenesis of Chronic Obstructive Pulmonary Disease (COPD)	05.05.2025
127	Madhu Patel (10BB19J04002)	CSIR-CDRI, Lucknow (Biological Sciences)	Mohd. Sohail Akhtar	Identification of atypical RNAPII-CTD phosphatases and their role in transcription cycle	05.05.2025
128	Dhimmar Asmitaben Arvindbhai (10BB19A16017)	CSIR-CSMCRI, Bhavnagar (Biological Sciences)	Pramod B. Shinde (Monica G. Kavale)	Formulation development for 4VPT5-9 endophyte derived from halophyte <i>Salicornia brachiata</i> to determine its role as biocontrol agent	05.05.2025



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129	Laxmi Priya Pradhan (10BB19J25023)	CSIR-NBRI, Lucknow (Biological Sciences)	Aniruddha P. Sane	Role of <i>WRKY70</i> and the salicylic acid pathway in organ abscission in plants	05.05.2025
130	Karthikraja E (10CC21J11005)	CSIR-CLRI, Chennai (Chemical Sciences)	V.G. Vaidyanathan (V. Subramanian)	Computational studies on design and development of novel two-dimensional materials for energy storage and conversion applications	07.05.2025
131	Akansha Singh (10CC20J04051)	CSIR-CDRI, Lucknow (Chemical Sciences)	Ravindra Kumar	Novel synthetic strategies for boron (B-O/B-N) heterocycles of pharmaceutical importance	07.05.2025
132	Billu Abraham (10CC19A39002)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	P. Nisha (Anjineyulu Kothakota)	Technological interventions for value addition of polyherbal spent materials from ayurvedic industries	07.05.2025
133	Thorat Nitin Madhukarrao (20EE17A26041)	CSIR-NCL, Pune (Engineering Sciences)	Ashish K. Lele (Ulhas K. Kharul)	Development of ABPBI-based membranes and their investigations for Forward Osmosis (FO)	07.05.2025
134	Deepanshi Gahlot (10BB18A02015)	CSIR-IGIB, New Delhi (Biological Sciences)	Lipi Thukral	Exploring conformational diversity of LC3 protein in autophagy	07.05.2025
135	Ishita Sarkar (10BB19A17022)	CSIR-IICB, Kolkata (Biological Sciences)	Shilpak Chatterjee	Mechanistic exploration of the role of CD38 in regulating the differentiation & suppressive function of regulatory T cells in cancer	07.05.2025
136	Rahul Dev Gautam (10BB20J33011)	CSIR-IHBT, Palampur (Biological Sciences)	Sanatsujat Singh	Studies on variability for agro-morphological, yield and biochemical traits in breeding populations of <i>Valeriana jatamansi</i>	07.05.2025
137	Ashmita Patro (10BC20J36001)	CSIR-IMMT, Bhubaneswar (Chemical Sciences)	Asheesh Kumar Yadav	Development of biological treatment processes for treating emerging water pollutants and resource recovery	08.05.2025
138	Sampat Narayan Satapathy (10BB18J36008)	CSIR-IMMT, Bhubaneswar (Biological Sciences)	Umakanta Subudhi	Metal-induced conformational changes in G-quadruplex: a biophysical study	08.05.2025
139	Himani Rani (10BB19J02006)	CSIR-IGIB, New Delhi (Biological Sciences)	Neeru Saini	Functional characterization of miR-718 in psoriasis	08.05.2025
140	Ashish Kumar (10CC19A33031)	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Methodology development for bioactive benzosuberene analogues synthesis through semi-synthetic approaches from <i>Cedrus deodara</i> oil as natural precursor	08.05.2025
141	Chanchpara Amitkumar Baubhai (10CC21J16005)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Hitesh T Saravaia (Sanak Ray)	Assessment and distribution of environmental pollutants and its remediation strategies	08.05.2025



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142	Dilwale Swati Raghunath (10CC19J26030)	CSIR-NCL, Pune (Chemical Sciences)	Sreekumar Kurungot	Development of advanced rechargeable Zn-metal batteries derived from high-voltage cathode materials and zinc hydrogel polymer electrolytes	08.05.2025
143	Nidhi Gupta (10CC19J32018)	CSIR-NPL, New Delhi (Chemical Sciences)	Pallavi Kushwaha (Ritu Verma)	<i>In vitro</i> therapeutic efficacy assessment of traditional herbal extracts for the management of Alzheimer's disease	08.05.2025
144	Venkata Narendra Kumar Y (10CC19J18023)	CSIR-IICT, Hyderabad (Chemical Sciences)	J. Vastala Rani	Polythiophene composites with layered materials for enhanced rechargeable aluminium battery performance	08.05.2025
145	Shivani Choudhary (10CC20J04058)	CSIR-CDRI, Lucknow (Chemical Sciences)	Nayan Ghosh	Exploring reactivity of alkyne-rich ynamides: synthesis of medium-sized <i>N</i> -heterocycles and bioactivity studies	08.05.2025
146	Cherish Parashar (10BB20A65074)	ICMR-NIMR, Delhi (Biological Sciences)	Kailash C. Pandey (Vineeta Singh)	Identification of novel anti-plasmodial/insecticide from marine and other natural extracts; an approach for development of new anti-malarials/insecticides	13.05.2025
147	Anuja Joseph G (10BB19J39005)	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	K.V. Radhakrishnan (Kaustabh Kumar Maiti)	Exploring the anticancer potential of niloticin and prieurianin: promising phytochemicals from <i>Aphanamixis polystachya</i> (Wall.) R. Parker	13.05.2025
148	Rishi Kumar Verma (10BB17J25008)	CSIR-NBRI, Lucknow (Biological Sciences)	P.C. Verma (Samir V Sawant)	Development of F1-hybrid cotton using novel reversible male sterility system	13.05.2025
149	Rahul Arya (10PP19A35020)	CSIR-AMPRI, Bhopal (Physical Sciences)	Shabi Thankaraj Salammal	Investigating the γ -ray radiation shielding characteristics of high dense red mud block	13.05.2025
150	Manju Kumari Jaiswal (10PP20A66009)	DST-IASST, Guwahati (Physical Sciences)	Biswajit Choudhury	Photocatalytic and photoelectrocatalytic performance of tungsten trioxide, graphitic carbon nitride and their nanocomposites for water purification and splitting	13.05.2025
151	Madasu Ramulamma (10CC20J18026)	CSIR-IICT, Hyderabad (Chemical Sciences)	N. Narender	Oxone mediated eco-friendly protocols for the construction of C-O bond formation reactions	13.05.2025
152	Hridoy Jyoti Bora (10CC22J66003)	DST-IASST, Guwahati (Chemical Sciences)	Neelotpal Sen Sarma (Anamika Kalita)	Design, synthesis, and multifaceted applications of functional organic frameworks: from environmental remediation to water splitting	13.05.2025
153	Mamta Masand (10BB20J33026)	CSIR-IHBT, Palampur (Biological Sciences)	Ram Kumar Sharma	Haplotype resolved genomic studies to unveil the complexity of steviol glycoside biosynthesis in <i>Stevia rebaudiana</i>	13.05.2025
154	Raj Kumar Sen (10CC19A35010)	CSIR-AMPRI, Bhopal (Chemical Sciences)	Chetna Dhand (V. Sorna Gowri)	Development of potential hydrogel materials for biomedical applications	13.05.2025
155	Lipsa Priyadarshinee (10BB22J38007)	CSIR-NEIST, Jorhat (Biological Sciences)	G. Narahari Sastry	Molecular Property Diagnostic Suite (MPDS): towards developing indigenous drug discovery software	15.05.2025



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156	Rajib Kumar Dey (10BB19J22010)	CSIR-IITR, Lucknow (Biological Sciences)	Debabrata Ghosh	Investigating the role of microglia in perinatal arsenic exposure-induced impairment of learning and memory functions in Balb/c mice	15.05.2025
157	Richa (10BB20J64008)	DST-BSIP, Lucknow (Biological Sciences)	Neeraj Rai (Maanasa Raghavan)	Reconstructing the human population ancestry of Ladakh region using ancient DNA and stable isotope analysis	15.05.2025
158	Sunil Kumar (10BB17J33010)	CSIR-IHBT, Palampur (Biological Sciences)	Amit Kumar	Geospatial studies on forest fires in context of changing climatic scenario in Indian Western Himalaya	15.05.2025
159	Sreeram. P. K (10BB19J08012)	CSIR-CFTRI, Mysuru (Biological Sciences)	Gopinath Meenakshisundaram	Characterization of nanovesicles from edible plants and evaluation of its anti-inflammatory activity in psoriasis models	15.05.2025
160	Kaumudi Pande (10BB18A08010)	CSIR-CFTRI, Mysuru (Biological Sciences)	Anbarasu Kannan	Efficiency of exosomes for the delivery of myricetin against ovarian cancer	15.05.2025
161	Mubthasima. P. P (10BB18A08016)	CSIR-CFTRI, Mysuru (Biological Sciences)	Anbarasu Kannan	Understanding the role of exosomal WAVE3 protein in mitochondrial reprogramming and evaluating the potential of milk-based exosome formulation targeting human cervical cancer	15.05.2025
162	Bavdane Priyanka Prakash (10CC21A16011)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	R K Nagarale	Design and development of zinc flow battery	15.05.2025
163	Debkumar Bera (10CC21A36012)	CSIR-IMMT, Bhubaneswar (Chemical Sciences)	Nirmal Goswami	Directed assembly of luminescent metal nanoclusters	15.05.2025
164	Sanitha Gopalakrishnan (10BB17A39021)	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	Krishnakumar B.	Engineered biological systems for onsite wastewater treatment and resource recovery	19.05.2025
165	Rohit Kumar (10BB17A02023)	CSIR-IGIB, New Delhi (Biological Sciences)	S Ramachandran (Neeru Saini)	A computational approach to study the disease comorbidity of psoriasis in type 2 diabetes patients	19.05.2025
166	Anish Tamang (10BB19J33001)	CSIR-IHBT, Palampur (Biological Sciences)	Vipin Hallan	Studies on modulation of picroside content by Tomato Leaf Curl Palampur Virus (ToLCPaV) and endophytes in <i>Picrorhiza kurroa</i>	19.05.2025
167	Amit Choudhary (10BB16J25006)	CSIR-NBRI, Lucknow (Biological Sciences)	Samir V. Sawant (Hemant Kumar Yadav)	The functional role of <i>GhHSP90-7</i> and <i>GhHSP70-8</i> in cotton fiber development	19.05.2025
168	Sanjana Varma (10BB19J26012)	CSIR-NCL, Pune (Biological Sciences)	Bhushan P. Chaudhari	Functionalized gold nanorods for sensing thyroid stimulating hormone and bioimaging application	19.05.2025
169	Bilash Chatterjee (10BB20J17002)	CSIR-IICB, Kolkata (Biological Sciences)	Amit Kumar Srivastava	Crosstalk between tumor associated macrophages and cancer cells: insights into chemoresistance mechanisms	19.05.2025



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170	Shweta Shrivastri (10MM18A42003)	CSIR-NIScPR, New Delhi (Mathematical and Information Sciences)	Shobhna Choudhary (Pamposh Kumar)	E-waste: a study of awareness, problems, policies and pole of science communication	19.05.2025
171	Surajit Sardar (10PP18A32044)	CSIR-NPL, New Delhi (Physical Sciences)	Pallavi Kushvaha	Synthesis and studies of transition metal based complex oxides	19.05.2025
172	Meenakshi Yadav (10CC19A32096)	CSIR-NPL, New Delhi (Chemical Sciences)	V. Ezhilselvi	Geopolymer binders: Synthesis and characterization for functional applications	22.05.2025
173	Kangkan Jyoti Goswami (10CC20A66003)	DST-IASST, Guwahati (Chemical Sciences)	Neelotpal Sen Sarma	Development of graphene oxide-based conjugates for sensing biomaterials and environmental pollutants	22.05.2025
174	Anushi Sharma (10CC20A35004)	CSIR-AMPRI, Bhopal (Chemical Sciences)	D.P. Mondal (Gaurav Gupta)	Investigation on microstructure electrochemical and EMI Shielding behavior of porous carbon materials	22.05.2025
175	Shashikanta Sahoo (10BB19A18064)	CSIR-IICT, Hyderabad (Biological Sciences)	Srigiridhar Kotamraju	Investigation of the mechanisms involved during chemoresistance in triple-negative breast cancer	22.05.2025
176	Manash Pratim Nath (10PP20A66008)	DST-IASST, Guwahati (Physical Sciences)	Biswajit Choudhury	Engineering tin disulphide (SnS ₂) nanostructures: influence of defects, doping, and plasmonic metal integration for enhanced electrocatalytic and photoelectrocatalytic water splitting	31.05.2025
177	Manoj Kumar (10PP20J32008)	CSIR-NPL, New Delhi (Physical Sciences)	Sushil Kumar	Cs-Sn-I based lead-free perovskite thin films for optoelectronic and resistive switching applications	31.05.2025
178	Silligandla Nazeer (10CC20A18066)	CSIR-IICT, Hyderabad (Chemical Sciences)	T. Venkateshwar Rao	Design of mixed metal oxide catalysts for aerobic oxidation of organic molecules	31.05.2025
179	Krishanu Bhowmick (10CC21J09002)	CSIR-CGCRI, Kolkata (Chemical Sciences)	Ganesh C. Sahoo (Priyanka Mondal)	Ceramic supported polymeric nanocomposite membrane with improved antifouling property for wastewater treatment	31.05.2025
180	Shashank Shekhar (10CC20J04059)	CSIR-CDRI, Lucknow (Chemical Sciences)	Damodara Reddy N.	Transition metal catalyzed C-H and N-H functionalization of bioactive small molecules and peptides	31.05.2025
181	Prasenjeet Chakraborty (10CC20A43002)	CSIR-CIMFR, Dhanbad (Chemical Sciences)	Siddharth Singh (Bodhisatwa Hazra)	Studies on soil contamination in Raniganj and North Karanpura coalfields of Damodar Valley and the application of rock dust as a possible remediation material	31.05.2025
182	Moradiya Kinjalben Babubhai (10CC21A16008)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Kamlesh Prasad (Ramavatar Meena)	Studies on the eco-friendly extraction and modification of seaweed polysaccharides and plant growth regulators using conventional and new alternative solvent systems	31.05.2025
183	Md Jahiruddin Gazi (10CC18A19010)	CSIR-IIP, Dehradun (Chemical Sciences)	Ankur Bordoloi (Sunil Kumar)	H ₂ production from methane activation: studies in catalyst design, development and deactivation	31.05.2025
184	Manas Barik (10CC20J16017)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	P.S. Subramaniam (Saravanan S)	Development of efficient heterogeneous catalysts for CO ₂ and biomass Valorization	31.05.2025



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185	Bodkhe Dnyaneshwar Vitthal (10CC15A26019)	CSIR-NCL, Pune (Chemical Sciences)	Samir H. Chikkali (H.V. Pol)	A catalyst design for preparation of ultrahigh molecular weight polyethylene	31.05.2025
186	Devabrat Sharma (10PP20A66004)	IASST, Guwahati (Physical Sciences)	Santu Das	Long-lead prediction and predictability of the Indian summer monsoon rainfall using deep learning techniques	31.05.2025
187	Waqas Ahmed (10BB20J37018)	CSIR-IIIM, Jammu (Biological Sciences)	Ravail Singh (Vikash Babu)	Comprehensive exploration of aquatic oligochaete: integrating ecological, functional, and genomic aspects in freshwater ecosystem of Jammu region	31.05.2025
188	Swati Malik (10BB20A02043)	CSIR-IGIB, New Delhi (Biological Sciences)	Sagarika Biswas	Estrogenic effects on mitochondrial health in rheumatoid arthritis	31.05.2025
189	Mohd Hassan (10BB20J37009)	CSIR-IIIM, Jammu (Biological Sciences)	Ravail Singh (Bhawwal Ali Shah)	Assessing the population dynamics and ecological functions of earthworms in different soil habitats of Jammu, Jammu and Kashmir	31.05.2025
190	Jagtap Ashish Siddharth (10BB19A26045)	CSIR-NCL, Pune (Biological Sciences)	Syed G. Dastager	Process design for enhanced production of bacterial nanocellulose from <i>Komagataeibacter rhaeticus</i> MCC 0157 and its environmental and nutraceutical applications	31.05.2025
191	Abhinav Singh (10BB18A04001)	CSIR-CDRI, Lucknow (Biological Sciences)	Kumaravelu Jagavelu	Exploring the therapeutic potential and molecular mechanism of hepatoprotective compounds in non-alcoholic fatty liver disease	31.05.2025
192	Irfan Qasam (10BB20J37020)	CSIR-IIIM, Jammu (Biological Sciences)	Govind Yadav	Evaluation of immunomodulatory potential of natural compound isotelekin	31.05.2025
193	Izaz Monir Kamal (10BB20A17019)	CSIR-IICB, Kolkata (Biological Sciences)	Saikat Chakrabarti	Meta-docking approach for protein-ligand complexes and validation using machine learning techniques	31.05.2025
194	Venkat Prashanth (10BB19A08014)	CSIR-CFTRI, Mysuru (Biological Sciences)	Perumal Madan Kumar	Delineating the role of adipocyte-derived extracellular vesicles during hepatic stellate cell activation: intervention with morin	31.05.2025
195	Chaphalkar Aseem Amol (10BB19A02003)	CSIR-IGIB, New Delhi (Biological Sciences)	Kausik Chakraborty	Deciphering mechanisms of differential proteome stability by means of protein aggregation	31.05.2025
196	Saroj Yadav (10BB18A02024)	CSIR-IGIB, New Delhi (Biological Sciences)	Ritushree Kukreti	Role of CYP1A family genes in predicting AED response	31.05.2025
197	Sheetal Bhat (10BB22J37007)	CSIR-IIIM, Jammu (Biological Sciences)	Sumeet Gairola (Prashant Misra)	Development of transcriptome resources of multiple genotypes of <i>Cymbopogon spp.</i> for the understanding of essential oil biosynthesis	31.05.2025
198	Nivya Vijayan (10BB18A08002)	CSIR-CFTRI, Mysuru (Biological Sciences)	P. Madan Kumar	Inhibition of SREBP/SCAP by morin ameliorates experimental metabolic dysfunction-associated steatotic liver disease	31.05.2025
199	Mayookha. V. P (10BB19J08006)	CSIR-CFTRI, Mysuru (Biological Sciences)	Suresh Kumar G	Development of medium-chain triglyceride-enriched virgin coconut oil and its safety evaluation	31.05.2025



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200	Lakshmi M. Nair (10BB18A39026)	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	Binod. Parameswaran	Bioprospecting of <i>Nakaseomyces glabratus</i> for high-value chemicals under bioeconomy	31.05.2025
201	Deepsikha Swargiary (10BB20A66004)	DST-IASST, Guwahati (Biological Sciences)	Jagat C. Borah	Study of anti-diabetic and nephroprotective potential of traditionally used medicinal plant and the underlying mechanism of action	31.05.2025
202	Sarita (10BB18A02026)	CSIR-IGIB, New Delhi (Biological Sciences)	Ritushree Kukreti (S. Ramachandran)	Genetic landscape of common epilepsies: advancing towards precision in treatment	31.05.2025
203	Sunil Nagpal (10BB20A02033)	CSIR-IGIB, New Delhi (Biological Sciences)	Bhupesh Taneja (Sharmila S. Mande)	Towards microbiome-based understanding of upper gut health	31.05.2025
204	Poddar Bhagyashri Jagdishprasad (10BB20J27010)	CSIR-NEERI, Nagpur (Biological Sciences)	Anshuman A. Khardenavis	Understanding the genetic rearrangement and resilience of methanogenic microbial communities for ammonia tolerance	31.05.2025
205	Sateesh Chandra Gupta (10BB18A25022)	CSIR-NBRI, Lucknow (Biological Sciences)	B.N. Singh (O.P. Sidhu)	Bioprospecting the metabolome of <i>Commiphora wightii</i> and <i>Commiphora agallocha</i> with respect to antioxidant and antimicrobial activities	31.05.2025
206	Ishfaq Ahmad Wani (10BB20J37005)	CSIR-IIIM, Jammu (Biological Sciences)	Sumeet Gairola (Prasoon Gupta)	Evaluation of morpho-taxonomic variation and nutraceutical potential of wild <i>Rosa L.</i> germplasm from Western Himalayas, India	31.05.2025
207	Urvashi Varshney (10PP19A32046)	CSIR-NPL, New Delhi (Physical Sciences)	Govind Gupta (Preetam Singh)	Design and fabrication of plasmonic-enhanced Ga ₂ O ₃ heterostructures based self-powered optical detectors	31.05.2025
208	Sonali S Naik (32EE19A26004)	CSIR-NCL, Pune (Engineering Sciences)	Kiran S.	Design and 3D printing of biocompatible polymer scaffolds for airway disorders	31.05.2025
209	Deepak Kumar (20EE20A15022)	CSIR- CSIO, Chandigarh (Engineering Sciences)	Abhay Sachdev (Ishita Matai)	Development of nanocomposite hydrogel based electrochemical microfluidic sensor for food safety applications	31.05.2025
210	Devendra Singh Bisht (20EE15J15004)	CSIR- CSIO, Chandigarh (Engineering Sciences)	Harry Garg	Parametric study & analysis of tubular daylighting system	31.05.2025
211	Sultan Khan (32EE19A09008)	CSIR-CGCRI, Kolkata (Engineering Sciences)	K. Annapurna	Study on the influence of SiO ₂ on thermal, mechanical and thermo-optical properties of rare-earth doped aluminophosphate glass for High Average Power (HAP) laser application	31.05.2025
212	Yogita Singh (20EE19A15042)	CSIR- CSIO, Chandigarh (Engineering Sciences)	Navneet Singh Aulakh (Inderdeep Kaur Aulakh)	Optimization of cluster based routing techniques for Underwater Wireless Sensor Networks (UWSNs)	31.05.2025
213	Navneet Singh Shekhawat (20EE18A36001)	CSIR-IMMT, Bhubaneswar (Engineering Sciences)	Banmaprasad Beg (Surendra Kumar Patra)	Dyeing of cellulosic material at room temperature using bacterial lysate	31.05.2025
214	Jyoti Chandan (10BB20J37021)	CSIR-IIIM, Jammu (Biological Sciences)	Ravail Singh (Dhiraj Vyas)	Structural and functional study of nematode community associated with medicinally important plant <i>Withania somnifera</i>	31.05.2025



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215	Rosaleen Sahoo (10BB20J26033)	CSIR-NCL, Pune (Biological Sciences)	Narendra Y. Kadoo	Unraveling plant-pathogen interaction in chickpea through transcriptome analysis and structure-based drug design	31.05.2025
216	Ambore Sumit Devidas (10CC19A18004)	CSIR-IICT, Hyderabad (Chemical Sciences)	Sidhanath V. Bhosale	Molecularly engineered donor-acceptor organic and polymeric materials for energy storage applications	31.05.2025
217	Chinmay Sethi (10CC21A43014)	CSIR-CIMFR, Dhanbad (Chemical Sciences)	Bodhisatwa Hazra (Ashok K Singh)	Organo-petrographic characteristics, source rock potential and palaeo-depositional settings of Rajmahal and Jharia basin shales, India	31.05.2025
218	Sauarbh Tiwari (10BB19J22002)	CSIR-IITR, Lucknow (Biological Sciences)	Rajnish Kumar Chaturvedi	Cellular and molecular mechanism(s) of bisphenol alternatives BPS & BPF mediated effect(s) on neurogenesis in the rat hippocampus	31.05.2025
219	Vijaya Choudhary (20EE20A32001)	CSIR-NPL, New Delhi (Engineering Sciences)	Paramita Guha (Sunita Mishra)	Development of Deep Neural Network (DNN) models for classification of crop phenotyping of cowpea leaves using image processing techniques	31.05.2025
220	Ashutosh Rawat (10CC20A19003)	CSIR-IIP, Dehradun (Chemical Sciences)	Prem Lama	Slurry phase hydrocracking of crude oil for the production of petro-FCC feed	11.06.2025
221	Rahul Arya (10CC20A32013)	CSIR-NPL, New Delhi (Chemical Sciences)	Tuhin Kumar Mandal	Emission inventory of trace gases and particulates from residential fuel over National Capital Territory (NCT), India	16.06.2025
222	Bushan Kumar (10BB22J37008)	CSIR-IIIM, Jammu (Biological Sciences)	Sumeet Gairola (Kota Srinivas)	Morpho-molecular taxonomic and chemical variability studies on genus <i>Artemisia</i> L. from the Western and Trans-Himalayan region of India	16.06.2025
223	Monali Muduli (10BB20A16008)	CSIR-CSMCRI, Bhavnagar (Biological Sciences)	Sanak Ray (Soumya Halder)	Removal of environmental and emerging contaminants from wastewater through various innovative wetland systems	16.06.2025
224	Priyanka Mallick (10BB19A17021)	CSIR-IICB, Kolkata (Biological Sciences)	Saikat Chakrabarti	Understanding the impact of ERUPR on mitochondrial integrity mediated by PDK4	16.06.2025
225	Gourab Basu Choudhury (10BB16A17001)	CSIR-IICB, Kolkata (Biological Sciences)	Saumen Dutta	Mechanistic insights of important pathogenic bacterial proteins from structural perspectives	16.06.2025
226	Ruchika (10BB20A33033)	CSIR-IHBT, Palampur (Biological Sciences)	Ankit Saneja	Investigation of novel delivery approaches for augmenting the therapeutic efficacy of lipoic acid	16.06.2025
227	Vivek Dhiman (10BB20J33017)	CSIR-IHBT, Palampur (Biological Sciences)	Rakesh Kumar (Amit Kumar)	Remote sensing and field-based biomass mapping in the North-Western Himalayan forests focusing on precision in estimation and species interaction	16.06.2025
228	Madhumathi R (10BB19A08020)	CSIR-CFTRI, Mysuru (Biological Sciences)	Inamdar Aashitosh Ashok (Harish Prashanth K V)	Applications of milling interventions for the development of quinoa enriched wheat-based products for diabetic management	16.06.2025



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229	Smitha.H.M (10BB18J08004)	CSIR-CFTRI, Mysuru (Biological Sciences)	Nandini C D	Studies on the adhesion of erythrocyte to fibronectin in type-2 diabetes and its modulation by quercetin	16.06.2025
230	Bhawana Gupta (10BB18J25001)	CSIR-NBRI, Lucknow (Biological Sciences)	Pradhyumna Kumar Singh	Functional characterization of fern-derived LPMO: insights into anti-whitefly potential	16.06.2025
231	Joytri Dutta (10BB19J17008)	CSIR-IICB, Kolkata (Biological Sciences)	U. Mabalirajan	The role of SMAR1 in COPD pathogenesis	16.06.2025
232	Archana Chaudhary (10BB19A10006)	CSIR-CIMAP, Lucknow (Biological Sciences)	Rakesh Kumar (Saudan Singh)	Evaluation of productivity and quality of rose-scented geranium based co-cultivation systems under sub-tropical climate of north-ern Indian plains	16.06.2025
233	Vanivijay (10BB19A08025)	CSIR-CFTRI, Mysuru (Biological Sciences)	P. Madan Kumar	Morin/HP-β-CD inclusion complex modulates gut dysbiosis and mitigates fibrosis in steatotic liver diseased animals	16.06.2025
234	Rajendra Kumar Dhuriya (10BB18A04015)	CSIR-CDRI, Lucknow (Biological Sciences)	Bhupendra N. Singh	Studies on <i>Mycobacterium tuberculosis</i> Rv1458c and its ortholog, an ABC transporter family antibiotic-transport ATP binding protein	16.06.2025
235	Aneek Banerjee (10BB20A17007)	CSIR-IICB, Kolkata (Biological Sciences)	Jayati Sengupta	Elucidating structures of mycobacterium ribosome complexes for functional interpretation	16.06.2025
236	Harshbardhan Kumar (10PP20A29001)	CSIR-NIO, Goa (Physical Sciences)	Shani Tiwari	Aerosol-cloud interactions over the Northern Indian Ocean and their climatic implications	16.06.2025
237	Vibhuti (20EE19A15009)	CSIR- CSIO, Chandigarh (Engineering Sciences)	Neelesh Kumar (Chitra Kataria)	Efficacy analysis of virtual reality in rehabilitation of persons with neuromotor impairments	16.06.2025
238	Manoj Goswami (20EE20A35005)	CSIR-AMPRI, Bhopal (Engineering Sciences)	Surender Kumar	Development of copper sulphide nanostructures as an electrode material for Na-ion capacitor	16.06.2025
239	Animesh MR (20EE20A39003)	CSIR-NIIST, Thiruvananthapuram (Engineering Sciences)	Adresh Asok	Design & development of planar light concentrator based solar collectors	16.06.2025
240	Akash (10CC19A32106)	CSIR-NPL, New Delhi (Chemical Sciences)	Jai Prakash Tiwari	Synthesis and electrical characterization of novel perylene-based molecules for Metal-Organic-Semiconductor (MOS) interfaces	16.06.2025
241	Rohit Bains (10CC19A33035)	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Conversion of lignocellulosic biomass and carbohydrates into value-added chemicals	16.06.2025
242	Saddam S K (10CC22J18022)	CSIR-IICT, Hyderabad (Chemical Sciences)	Ujjwal Pal (Pratyay Basak)	Metal Organic Frameworks (MOFs), Covalent Organic Frameworks (COFs) and their hybrid composites as photo(electro)catalysts for energy conversion applications	16.06.2025
243	Neha (10CC19A32121)	CSIR-NPL, New Delhi (Chemical Sciences)	V. Ezhilselvi	To study the demographic variation in physical, organic and inorganic properties of cereals across India	16.06.2025



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244	Rupali Ipsita Mohanty (10CC21A36010)	CSIR-IMMT, Bhubaneswar (Chemical Sciences)	Bikash Kumar Jena	Organic-inorganic hybrid metal phosphonates for electrochemical energy storage application towards supercapacitor	16.06.2025
245	Sakshi Shambhavi (10BB18A03011)	CSIR-CCMB, Hyderabad (Biological Sciences)	Ranjan Satyanarayanan	Role of Dip2 in regulating DAG-driven PKC signalling in eukaryotes	16.06.2025
246	Khushboo Verma (10BB19J04039)	CSIR-CDRI, Lucknow (Biological Sciences)	Amit Misra (Arunava Dasgupta)	Dry powder inhalation of <i>Mycobacteroides abscessus</i> for development of a preclinical model of non-tubercular mycobacterial lung disease in mice	16.06.2025
247	Arppita Sethi (10BB20J04022)	CSIR-CDRI, Lucknow (Biological Sciences)	Arun Kumar Trivedi	Deregulation of deubiquitinases and their implications in cancer pathogenesis	16.06.2025
248	Versha Pandey (10BB21J10011)	CSIR-CIMAP, Lucknow (Biological Sciences)	Puja Khare	Evaluation of accumulation and translocation of hazardous metals in different genotypes/accessions/ecotypes of Kalmegh [<i>Andrographis paniculata</i> (Burm.f.) Nees]	16.06.2025
249	Archita Ray (10BB19J17010)	CSIR-IICB, Kolkata (Biological Sciences)	U. Mabalirajan	Novel role of a DNA repair protein, Rad50, in pulmonary emphysema	16.06.2025
250	Varsha Parmar (10CC19A35007)	CSIR-AMPRI, Bhopal (Chemical Sciences)	Mohd. Akram Khan (Prabha Padamakaran)	Investigation on petroleum coke fly ash as an environment friendly resource material for novel application	16.06.2025
251	Vivek Krishnan (10PP19A28011)	CSIR-NGRI, Hyderabad (Physical Sciences)	Senthil Kumar Pervmal	A study of volcanism, tectonics and mass wasting features in the Tharsis region, Mars: implications for late Amazonian geological processes and recent seismo-tectonic activity	16.06.2025
252	Thakare Neha Ramdas (10BB22J38010)	CSIR-NEIST, Jorhat (Biological Sciences)	Swapnali Hazarika	Structurally modified biopolymer based materials for biomedical applications	16.06.2025
253	Kulsange Shabda Eknat (10BB17A26058)	CSIR-NCL, Pune (Biological Sciences)	Mahesh Kulkarni (B.Santhakumari)	Unraveling the role of bisphenol A and its analogs in insulin resistance through proteomics approaches	16.06.2025
254	Sanjeet Kumar (10PP19A32055)	CSIR-NPL, New Delhi (Physical Sciences)	S. K. Jaiswal (Sanjay Yadav)	Design, development and analysis of a low liquid flow measurement system	16.06.2025
255	Prabakaran V (10PP20A05006)	CSIR-CECRI, Karaikudi (Physical Sciences)	Akhila Kumar Sahu	Design and evaluation of bifunctional electrocatalyst for zinc-air battery application	16.06.2025
256	Sagar Prasad Nayak (10BB17A25012)	CSIR-NBRI, Lucknow (Biological Sciences)	Chandra Sekhar Mohanty	Identification and characterization of miRNAs regulating proanthocyanidin biosynthesis in underutilized legume <i>Psophocarpus tetragonolobus</i> (L.) DC.	16.06.2025
257	Rahul (10CC20J18035)	CSIR-IICT, Hyderabad (Chemical Sciences)	B. Jagadeesh (Akella V S Sarma)	Structure based design (DFT), solution-state and solid-state NMR experimental investigations of novel molecular scaffolds: bio-molecular mimics and layered perovskites	16.06.2025



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258	Gangothri M V (10CC21J08001)	CSIR-CFTRI, Mysuru (Chemical Sciences)	Nanishankar V.Harohally	Development of nano porous delivery systems for hydrophobic nutraceuticals via green chemistry approach: the case of MOFs	16.06.2025
259	Pawar Chetan Mohan (10CC21A16015)	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Rajaram K. Nagarale	Design and synthesis of charged membranes for vanadium redox flow battery	16.06.2025
260	Yatish Pant (10CC21A10007)	CSIR-CIMAP, Lucknow (Chemical Sciences)	C S Channotiya	Chemo-prospecting selected high value commercial aromatic plants	16.06.2025
261	Riya P (10BB19A08001)	CSIR-CFTRI, Mysuru (Biological Sciences)	Giridhar Parvatam	Investigations on <i>Rivina humilis</i> L., bioactives and the development of value-added products	16.06.2025
262	Jhilik Dey (10BB19A17023)	CSIR-IICB, Kolkata (Biological Sciences)	Prem Prakash Tripathi	Deciphering the relevance of endogenous neural progenitors in adult hippocampal neurogenesis following neurodegeneration	16.06.2025
263	Vinay Pratap (32EE19A27004)	CSIR-NEERI, Nagpur (Engineering Sciences)	Bholu Ram Yadav	Pre-treatment of sewage sludge for energy enhancement using anaerobic digestion	16.06.2025
264	Omkar (10CC19J32011)	CSIR-NPL, New Delhi (Chemical Sciences)	Priyanka Heda Maheshwari	Development of calcium alginate-based films for packaging application	17.06.2025
265	Dinesh Kumar Malviya (20EE20A01005)	CSIR-CBRI, Roorkee (Engineering Sciences)	Manojit Samanta (Debi Prasanna Kanungo)	Response of piled raft foundation subjected to different loading conditions	24.06.2025
266	Megha Vilas Sadanande (10CC20A26067)	CSIR-NCL, Pune (Chemical Sciences)	Ravindar Kontham	Domino annulation for constructing bioactive heterocycles and synthesis of sacubitril	24.06.2025
267	Ashutosh Singh Raghubanshi (20EE18A35011)	CSIR-AMPRI, Bhopal (Engineering Sciences)	Manish Mugdal	Development of red mud based non-toxic synthetic material for X-ray shielding geopolymeric tiles	24.06.2025
268	Aswin S Warriar (20EE22J39002)	CSIR-NIIST, Thiruvananthapuram (Engineering Sciences)	Anjineyulu Kothakota	Development of biodegradable products from dairy resources	24.06.2025
269	Aditya Narayan Konwar (10BB20A66002)	DST-IASST, Guwahati (Biological Sciences)	Debajit Thakur	Assessment of antagonistic biosynthetic potential and diversity of actinobacteria prevalent in unique forest ecological niches	24.06.2025
270	Shriya Garg (10PP20A29008)	CSIR-NIO, Goa (Physical Sciences)	Manguesh U Gauns	Phytoplankton community characteristics of subsurface chlorophyll maxima in the Northern Indian Ocean	24.06.2025
271	Priyanka Gogoi (10BB21A38017)	CSIR-NEIST, Jorhat (Biological Sciences)	Ratul Saikia (Tridip Phukan)	Understanding the rhizobacteria-mediated induction of systemic resistance in Bhut Jolokia (<i>Capsicum chinense</i> Jacq.) against collar rot disease	24.06.2025
272	Prajith. K.K (10MM18A30006)	CSIR-NIScPR, New Delhi (Mathematical and Information Sciences)	Vipan Kumar (L. Pulamte)	A study on selected invasive insect pests of agriculture in South India – innovation and policy imperatives	24.06.2025



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273	Chidrawar Ajay (10CC20A18023)	CSIR-IICT, Hyderabad (Chemical Sciences)	B. V. Subba Reddy	Transition-metal-catalyzed SP2 C-H functionalization of aza-aromatic systems to access polyheterocyclic scaffolds	24.06.2025
274	Somu Mandal (10CC19A43001)	CSIR-CIMFR, Dhanbad (Chemical Sciences)	Niroj Kumar Mohalik (Santosh Kumar Ray)	Study of thermal behaviour of coal and optimization of suitable materials for mitigation of fire and explosion in coal mines	24.06.2025

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Associate Director (Academic)
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12. The Head, Human Resource Development Group, CSIR, CSIR Complex, Pusa, New Delhi
13. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi
14. The Indian Science Abstracts, National Institute of Science Communication, and Information Resources (NISCAIR), 14 Satsang Vihar Marg, New Delhi-110067