



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: July 24, 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 March to June, 2024. The relevant details are indicated below:

Sl. No.	Name with registration no	Affiliated Research Institutes (Faculty)	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	Meenakshi Verma 10BB17A10003	CSIR-CIMAP, Lucknow (Biological Sciences)	Prema G Vasudeva	Structure-activity correlation studies on protein kinase inhibitors for anticancer activity through crystallographic data analysis and molecular modelling	07.03.2024
2	Ajjur Rahaman 10CC19J16007	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Sukalyan Bhadra	Development of catalytic procedures for the synthesis of useful fine chemicals by using carboxylic acids and/or their equivalents as substrates	12.03.2024
3	Vijeta 10PP18A32047	CSIR-NPL, New Delhi (Physical Sciences)	Parag Sharma	Spectroradiometric & photometric characterisation of artificial light sources	12.03.2024
4	Nirmal Das 10CC19A17026	CSIR-IICB, Kolkata (Chemical Sciences)	Arindam Talukdar	Design and synthesis of potential small molecules as plausible treatment for leishmaniasis, auto-immune disease and COVID-19	12.03.2024
5	Deepika Sawle 20EE17J32021	CSIR-NPL, New Delhi (Engineering Sciences)	Sangeeta Sahoo	Fabrication and designing of phase slip junctions by using superconducting composite thin films and nanostructures	12.03.2024
6	Surekha Kumari 10CC18A33024	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	Phytochemical investigation of <i>Cissampelos pareira</i> for bioactive molecules	12.03.2024
7	Sushil Choudhary 10BB17J37006	CSIR-IIIM, Jammu (Biological Sciences)	Ajay Kumar	Pharmacological targeting of brain aging-associated decline of energy metabolism and neurotransmission	12.03.2024
8	Kushagra 10BB18A04008	CSIR-CDRI, Lucknow (Biological Sciences)	M I Siddiqi	Identification of potential anti-neurodegenerative agents using integrated artificial intelligence and molecular modelling approach	12.03.2024

9	Nipon Sarmah 20EE17J18041	CSIR-IICT, Hyderabad (Engineering Sciences)	Sumana Chenna	Modelling and optimisation of lipase synthesis from <i>Candida antarctica</i> and reactions catalysed by lipase	12.03.2024
10	Pinreddy Karunakar 10BB15J02004	CSIR-IGIB, New Delhi (Biological Sciences)	Abhay Sharma	Studies on transgenerational epigenetic inheritance of metabolic phenotype in <i>Drosophila</i>	12.03.2024
11	Seema Ghodke 10CC20A26072	CSIR-NCL, Pune (Chemical Sciences)	R. Nandini Devi	Study of structured oxide catalysts in dry reforming of methane	12.03.2024
12	Nikte Siddhanta Vijay 10BB17A26050	CSIR-NCL, Pune (Biological Sciences)	Durba Sengupta	Uncovering the intrinsic structural determinants and modulators of G protein-coupled receptors	12.03.2024
13	Ayush Aggarwal 10BB17A02003	CSIR-IGIB, New Delhi (Biological Sciences)	Vivek T Natrajan	To understand cell fate decisions governing melanocyte state transitions	12.03.2024
14	Anamika Yadav 10CC18J04033	CSIR-CDRI, Lucknow (Chemical Sciences)	Ajay Kumar Srivastava	Transition metal-catalyzed synthesis of novel heterocycles towards GPCR modulators and development of green process for centhaquine	12.03.2024
15	Radhika Anand 10CC20A37007	CSIR-IIIM, Jammu (Chemical Sciences)	Parvinder Pal Singh	Synthesis of phytocannabinoids and their analogues	12.03.2024
16	Arsha. A. G 20EE19A39054	CSIR-NIIST, Thiruvananthapuram (Engineering Sciences)	Rajan T.P.D.	Processing and characterization of aluminum graphene mono and hybrid composites by squeeze casting techniques	12.03.2024
17	Adity Gupta 10BB18J04002	CSIR-CDRI, Lucknow (Biological Sciences)	Md. Sohail Akhtar	Understanding the epigenetic modification of CTD of RNA polymerase II in eukaryotic transcription	12.03.2024
18	Monica P 10BB17A08003	CSIR-CFTRI, Mysore (Biological Sciences)	Mukesh Kapoor	Molecular engineering of native and chimeric forms of GH26 endo-mannanase (ManB-1601): towards understanding/improvement in stability and catalysis for industrial applications	12.03.2024
19	Rasheed K 10PP17A28009	CSIR-NGRI, Hyderabad (Physical Sciences)	Srinivasa Sarma D	Geochemistry and Sr-Nd isotopic studies of mafic intrusion from the eastern part of singhbhum craton	12.03.2024
20	Swati Yadav 10BB19A27011	CSIR-NEERI, Nagpur (Biological Sciences)	Lal Singh	Development of holistic approach for eco restoration of fly ash dump site	12.03.2024
21	Deepak T S 10BB18A08009	CSIR-CFTRI, Mysore (Biological Sciences)	Jayadeep P A	Functional food ingredients from selected maize (<i>Zea mays</i> L.) wet milling by-products	12.03.2024
22	Pradeep Kumar 10BB19J03024	CSIR-CCMB, Hyderabad (Biological Sciences)	Rajan Sankaranarayanan	Mechanistic and functional insights into chiral proofreading during protein synthesis	12.03.2024
23	Meetali Sinha 10BB17J22001	CSIR-IITR, Lucknow (Biological Sciences)	R Parthasarathi	Studies on toxicity prediction of food chemical substances using computational approaches	12.03.2024
24	Y Chandukrishna 20EE18J24003	CSIR-NAL, Bangalore (Engineering Sciences)	T N Venkatesh	An improved numerical method and its assessment for aerodynamics of wing-propeller interactions	12.03.2024

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25	Smita Kapoor 10BB18J33003	CSIR-IHBT, Palampur (Biological Sciences)	Yogendra Shantaram Padwad	Nutraceutical intervention of phloretin in combating chronic colitis associated colorectal cancer	12.03.2024
26	Thamaraiselvi K 32EE16A41002	CSIR-SERC, Chennai (Engineering Sciences)	S. Vishnuvardhan	Investigations on fracture behaviour of reactor pressure vessel steel under pressurized thermal shock	12.03.2024
27	Mukesh Kumar 10BB17A02013	CSIR-IGIB, New Delhi (Biological Sciences)	Binukumar B.K.	Understanding the role of ATP7B variants associated with Wilson's disease pathogenesis	12.03.2024
28	Kanika 20EE19A32084	CSIR-NPL, New Delhi (Engineering Sciences)	Bipin Kumar Gupta	Investigations on the synthesis and characterization of novel security pigments for anti- counterfeiting applications and their detection devices	12.03.2024
29	Pankaj Kumar 10BB18J16008	CSIR-CSMCRI, Bhavnagar (Biological Sciences)	Pramod B. Shinde	Exploring biosynthetic potential of <i>Dactylosporangium</i> <i>aurantiacum</i> and <i>Actinoplanes deccanensis</i>	18.03.2024
30	Vishu Gupta 10BB17A02033	CSIR-IGIB, New Delhi (Biological Sciences)	Sridhar Sivasubbu	Understanding the genetics of mitochondrial disorders	18.03.2024
31	Sheba Ann Babu 10CC18A39016	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Jubi John	Utilization of electrophilic benzannulated heterocycles for accessing novel heteroacenes	18.03.2024
32	Srijan Chatterjee 10CC20J26012	CSIR-NCL, Pune (Chemical Sciences)	Sayan Bagchi	Non-covalent interactions and hydrogen bond dynamics in heterogeneous chemical systems: a combined 2DIR and simulations perspective	18.03.2024
33	Payel Singh 10CC19J27001	CSIR-NEERI, Nagpur (Chemical Sciences)	Penumaka Nagababu	Sulfur amended nano zerovalent iron for groundwater remediation of inorganic aqueous contaminants	18.03.2024
34	Karanika Sonowal 10CC17A38007	CSIR-NEIST, Jorhat (Chemical Sciences)	Lakshmi Saikia	Zirconium (IV)-based metal- organic framework (MOF) composites for sensing and energy conversion	18.03.2024
35	Dipayan Sarkar 10CC17A17006	CSIR-IICB, Kolkata (Chemical Sciences)	Arindam Talukdar	Design, synthesis and biological validation of small molecules as metabolic modifiers	18.03.2024
36	Arnab Mondal 10CC19A32088	CSIR-NPL, New Delhi (Chemical Sciences)	Tuhin Kumar Mandal	Emission inventory of NMVOCs from domestic biomass fuels over Delhi	18.03.2024
37	Pooja Solanke 10CC17A18036	CSIR-IICT, Hyderabad (Chemical Sciences)	S Chandrasekhar	Easy access to spiro/fused cyclopentenone scaffolds via Piancatelli rearrangement	18.03.2024
38	P. Nagveni 20EE16A18053	CSIR-IICT, Hyderabad (Engineering Sciences)	K Yamuna Rani	Modeling, optimization and control studies of an intensified process for the esterification of acetic acid with n-butanol	18.03.2024
39	Simeon Ayodele Babalola 20EE20J12005	CSIR-CMERI, Durgapur (Engineering Sciences)	Samik Dutta	Machine learning-based perception of workpiece material in friction stir welding	18.03.2024
40	Shrabastee Chakraborty 10BB20J17001	CSIR-IICB, Kolkata (Biological Sciences)	Mrinal K. Ghosh	Insights into post-translational modifications of PTEN with respect to its nuclear import and its implications in cancer	18.03.2024

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41	Ajay Kumar 10CC19J33005	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Cellulosic biomass and carbohydrate utilization for production of furan compounds through process and methodology development	01.04.2024
42	Diksha Parmar 10CC18A33023	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	Synthesis of six-membered <i>N</i> -heterocyclic derivatives via transition metal catalyzed C-H activation	01.04.2024
43	Silver Raju 10CC17A18040	CSIR-IICT, Hyderabad (Chemical Sciences)	S Chandrasekhar	Synthetic approaches towards carbo & aza-polycycles and dragocin A	01.04.2024
44	Shweta Singh Chauhan 10BB20A22002	CSIR-IITR, Lucknow (Biological Sciences)	R Parathasarathi	Identification and characterization of novel efflux pump inhibitors for restoring <i>Escherichia coli</i> sensitivity to antibiotics using computational approaches	01.04.2024
45	Sanju Singh 10BB18A16020	CSIR-CSMCRI, Bhavnagar (Biological Sciences)	Pramod B Shinde	Isolation, structure elucidation and application of bioactive components from selected endophytes of <i>Salicornia brachiata</i> Roxb.	01.04.2024
46	Pratima Debnath 10BB18A25015	CSIR-NBRI, Lucknow (Biological Sciences)	Vidhu A Sane	Deciphering the mechanism of action of <i>SIWRKY75</i> in plant development and architecture	01.04.2024
47	Surabhi Jaiswal 10BB16A22009	CSIR-IITR, Lucknow (Biological Sciences)	Sandeep Sharma	Understanding the effect of TiO ₂ nanoparticles on proteins	01.04.2024
48	Aurovinda Panda 10PP18A28002	CSIR-NGRI, Hyderabad (Physical Sciences)	D Srinivasa Sarma	Geochronology and geochemistry of the mafic dyke swarms from Central Bastar craton, India	01.04.2024
49	Bankar Ajay Vijay 10PP17J45001	CSIR-4PI, Bangalore (Physical Sciences)	V Rakesh	Impact of assimilation of multi-source observations in prediction of extreme rainfall events with different data assimilation techniques using WRF model	01.04.2024
50	Shamsul Bashir 20EE18A14001	CSIR-CRRI, New Delhi (Engineering Sciences)	Nasim Akhtar	Estimation and control of structural vibration in tunnels for high-speed railways	01.04.2024
51	Dhrubajyoti Boruah 10CC19J38003	CSIR-NEIST, Jorhat (Chemical Sciences)	P Yuvraj	Transition metal-free novel synthetic methods for spirooxindoles, 1,2,3-triazoles and aziridines	01.04.2024
52	Naina Sarki 10CC18A19011	CSIR-IIP, Dehradun (Chemical Sciences)	Suman L Jain	Transition metal-catalysts for <i>N</i> -alkylation and hydrogenation reactions	01.04.2024
53	Shoroshi Dey 10CC20J09004	CSIR-CGCRI, Kolkata (Chemical Sciences)	Jayanta Mukhopadhyay	Mixed Ionic and Electronically Conducting (MIEC) ceramic electrodes for Solid Oxide Cell (SOC)-based electrochemical device application	01.04.2024
54	Guddeti Sravya Sai 10PP18A28003	CSIR-NGRI, Hyderabad (Physical Sciences)	K Rama Mohan	Groundwater quality, hydrogeochemical processes and health risk assessment studies in lower Manair River basin, Telangana, India	01.04.2024
55	Pinchu Elizabeth Thomas 10BB20J08022	CSIR-CFTRI, Mysore (Biological Sciences)	P Prabhasankar	Structuring of virgin coconut oil based oleogel and its application in bakery products	01.04.2024

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56	Anup Singhania 10CC17A38010	CSIR-NEIST, Jorhat (Chemical Sciences)	Subrata Ghosh	Development of smart supramolecular architecture bearing novel molecular machines and their applications	01.04.2024
57	Yogendra Prasad K 10BB17J08004	CSIR-CFTRI, Mysore (Biological Sciences)	Ganesan P	Characterization of molecular mechanism underlying the cancer chemo-preventive potential of carotenoids in luminal and triple-negative human breast cancer cells	01.04.2024
58	Mamta 10PP19A32064	CSIR-NPL, New Delhi (Physical Sciences)	K.K. Maurya	Study of antimony selenide based thin-film solar cell	01.04.2024
59	Megha Sailwal 10BB18J19002	CSIR-IIP, Dehradun (Biological Sciences)	Debashish Ghosh	Deciphering metabolic network of oleaginous yeast <i>Rhodotorula mucilaginosa</i> IPL32 (MTCC 25056) through multi-omics study	01.04.2024
60	Jhajan Lal 10CC18J04035	CSIR-CDRI, Lucknow (Chemical Sciences)	Damodara Reddy N	Molecular editing and scaffold diversification of novel therapeutic peptides and salicylanilides and their biological significance	01.04.2024
61	Papia Basu Thakur 10BB19J18010	CSIR-IICT, Hyderabad (Biological Sciences)	Chittaranjan Patra	Evaluation of therapeutic applications of terbium hydroxide based nanorods in ischemic diseases and wound healing	01.04.2024
62	Kulkarni Chirag Deepak 10BB17A04009	CSIR-CDRI, Lucknow (Biological Sciences)	Naibedya Chattopadhyay	Assessment of phytopharmaceutical and nutraceutical agents for the treatment of osteoporosis in preclinical models	01.04.2024
63	Lalita 10PP18A32012	CSIR-NPL, New Delhi (Physical Sciences)	G A Basheed	Magnetocaloric effect and microwave resonant study of Mn ₅ X ₃ (X = Ge, Sn) alloys near room temperature	01.04.2024
64	Maibam Ashakiran Devi 10CC18A26016	CSIR-NCL, Pune (Chemical Sciences)	Sailaja Krishnamurty	Theoretical investigation of two-dimensional (2D) materials for nitrogen activation	04.04.2024
65	Hiteshwari Sinha 10BB18J25002	CSIR-NBRI, Lucknow (Biological Sciences)	Prabodh K Trivedi	Functional characterization of light-associated factor(s) regulating secondary plant product biosynthesis in tomato	04.04.2024
66	Dharaskar Shrikant Purushottam 10BB18J03001	CSIR-CCMB, Hyderabad (Biological Sciences)	A S Sreedhar	Mitochondrial chaperone, TRAP-1 functional analysis in normal and tumour cells	04.04.2024
67	Rashmi Rekha Samal 10BB18J36006	CSIR-IMMT, Bhubaneswar (Biological Sciences)	Umakanta Subudhi	Conformational changes in catalase by rare earth elements: a computational and biophysical study	04.04.2024
68	Jhulan Kumar 20EE15J15006	CSIR-CSIO, Chandigarh (Engineering Sciences)	Vinod Karar	Study of human factors of aircraft pilot while using cockpit display during low ambient light condition	04.04.2024
69	Bhavya E V 20EE18J24001	CSIR-NAL, Bangalore (Engineering Sciences)	Balamati Choudhury	Metamaterial broadband absorbers for reduction of radar cross section	04.04.2024
70	Komal Singh 20EE18A31001	CSIR-NML, Jamshedpur (Engineering Sciences)	Suman Kumari Mishra	Development of tin selenide based thermoelectric materials and thin films for energy harvesting applications	04.04.2024



71	Moneca Kaul 10BB18A03002	CSIR-CCMB, Hyderabad (Biological Sciences)	Manjula Reddy	Understanding the regulation of peptidoglycan hydrolases in <i>Escherichia coli</i>	04.04.2024
72	Kritika Gour 10CC18A26010	CSIR-NCL, Pune (Chemical Sciences)	Sakya S sen	Developing mono- and di-anionic ligands for main-group metals: a study on germanium and zinc	04.04.2024
73	Ravi Kumar 10CC18A26018	CSIR-NCL, Pune (Chemical Sciences)	Nayana Vaval	Study of non-radiative decay processes in weakly bound system using post hartree-fock methods	04.04.2024
74	Gazal 10CC18A32065	CSIR-NPL, New Delhi (Chemical Sciences)	Daya Soni	Preparation of calibration gas mixtures of toluene and its application for MOF-based gas sensor development	04.04.2024
75	Prashant Dubey 10CC19A32089	CSIR-NPL, New Delhi (Chemical Sciences)	Priyanka H. Maheshwari	Biomass derived porous activated carbon and its composites for supercapacitor applications	04.04.2024
76	Arya Das 10PP18A36005	CSIR-IMMT, Bhubaneswar (Physical Sciences)	Suddhasatwa Basu	Strategies for realization of 2D electrodes @ composites based electrochemical interfaces for supercapacitor/ supercapattery	04.04.2024
77	Pushpesh Ranjan 10CC18A35009	CSIR-AMPRI, Bhopal (Chemical Sciences)	Raju Khan	Development of graphene oxide-ionic liquid nanocomposites based biosensor for clinical applications	04.04.2024
78	Ankit Saxena 10CC17A04023	CSIR-CDRI, Lucknow (Chemical Sciences)	Sanjeev Kumar Shukla	Natural product based anti-parasitic agents and NMR based metabolomics	04.04.2024
79	Girija Patel 10CC17A04025	CSIR-CDRI, Lucknow (Chemical Sciences)	Prem Prakash Yadav	Development of green methodologies towards C-C, C-N and N-N bond formation for the synthesis of biologically active compounds	04.04.2024
80	Archoo Sajeeda 10BB19A37023	CSIR-IIIM, Jammu (Biological Sciences)	Sheikh Tasduq Abdullah	Mechanistic studies on ultraviolet radiation induced skin photo-damage: therapeutic role of <i>Hippophae rhamnoides</i> (Sea buckthorn), a high altitude medicinal plant of Trans-Himalayan Ladakh	12.04.2024
81	Anubhav Yadav 10BB18J04006	CSIR-CDRI, Lucknow (Biological Sciences)	Prem N. Yadav	Role of KOR activation in treatment refractory depression and psoriatic dermatitis	16.04.2024
82	Larica Mohanta 10BB18A36014	CSIR-IMMT, Bhubaneswar (Biological Sciences)	Bhabani Sankar Jena	Synthesis and characterization of <i>Dillenia indica</i> mediated copper and zinc oxide nanoparticles and their toxicological assessment in adult zebrafish and cancer cell lines	16.04.2024
83	Marium Begum 10BB17A38020	CSIR-NEIST, Jorhat (Biological Sciences)	Siddhartha P. Saikia	<i>In-situ</i> generated vitamin D fortified mushrooms by UV irradiation	16.04.2024
84	Shifali Chib 10BB19J37007	CSIR-IIIM, Jammu (Biological Sciences)	Saurabh Saran	Isolation, screening, production and purification of kojic acid with its potential applications	16.04.2024
85	Rajani Kant Rao 30EE15A41012	CSIR-SERC, Chennai (Engineering Sciences)	Ing. Saptarshi Sasmal	Development of nano-engineered smart composites with multimetric sensing capabilities for structural health monitoring	16.04.2024



86	Manoj Kumar Soni 20EE17A35002	CSIR-AMPRI, Bhopal (Engineering Sciences)	Meraj Ahmed	Study on design parameters of electromagnetic forming tools for enhanced process performance	16.04.2024
87	Misbah Tabassum 10BB18A37020	CSIR-IIIM, Jammu (Biological Sciences)	Premnarayan Gupta	Investigation of anti-cancer potential of natural products with special reference to steroidal saponin from <i>Trillium govanianum</i>	16.04.2024
88	Yadav Rakeshkumar Jaynarayan 10BB18A26030	CSIR-NCL, Pune (Biological Sciences)	Mahesh S. Dharne	Comprehensive insights into microbial ecology and harnessing biomass conversion potential of culturable bacteria from riverine system	16.04.2024
89	Ishani Banerji 10BB20A17001	CSIR-IICB, Kolkata (Biological Sciences)	Sucheta Tripathy	Differential post-transcriptional regulation of cytokine mRNAs during activation phase of macrophage: mechanism and consequence in inflammatory response	16.04.2024
90	Poonam Kumari 10CC18A32069	CSIR-NPL, New Delhi (Chemical Sciences)	Daya Soni	Gravimetric preparation of benzene gas standards for emission and ambient monitoring applications	16.04.2024
91	Bisma 10CC17J37020	CSIR-IIIM, Jammu (Chemical Sciences)	Bilal A Bhat	Development of new chemical methods for efficient synthesis of biologically potent molecules	16.04.2024
92	Kiruba M 10CC19A05003	CSIR-CECRI, Karaikudi (Chemical Sciences)	C. Jeyabharathi	Alkyne-driven microstructural evolution of metal/metal hydroxide electrodeposits	16.04.2024
93	Bhim Majhi 10CC19J17001	CSIR-IICB, Kolkata (Chemical Sciences)	Sanjay Dutta	Development of fused heterocyclic compounds targeting nucleic acids	16.04.2024
94	Suman Maji 10CC18A17010	CSIR-IICB, Kolkata (Chemical Sciences)	Ramalingam Natrajan	Covalent organic cages and cocrystals for molecular recognition and sensing	16.04.2024
95	Ajit Kumar Thakur 20EE16A31005	CSIR-NML, Jamshedpur (Engineering Sciences)	Sivaprasad Seetharaman	Optimization of the continuous annealing cycle for improvement of the mechanical property and microstructure of dual phase (DP 590) steel	16.04.2024
96	Devesh Chandra 10CC18A33018	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	Synthesis and C-H functionalization of <i>N</i> -heterocyclic scaffolds	16.04.2024
97	Dawange Pankaj Shivaji 10BB20A16004	CSIR-CSMCRI, Bhavnagar (Biological Sciences)	Vaibhav A. Mantri	Determining extent of variations in functional traits among natural and cultivated populations, demographic and metabolite profiling, as well as validating use of SSR markers for selecting germplasm in <i>Gracilaria dura</i> (C. Agardh)	16.04.2024
98	Ashokraj S 10BB20J11003	CSIR-CLRI, Chennai (Biological Sciences)	Niraikulam Ayyadurai	Genetically unnatural amino acid containing congener proteins & its applications	16.04.2024
99	Drishya Elizebeth K. 10CC18A39011	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Praveen V. K.	Molecular insight into the hierarchically organized self-assembled π -systems: structure, dynamics, and functions	16.04.2024
100	Razia Banoo 10CC19A37042	CSIR-IIIM, Jammu (Chemical Sciences)	Sandip B Bharate	Rational drug design, virtual screening, synthesis and lead optimization to discover new dual cholinesterase / tau kinase inhibitors	16.04.2024

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101	Masud Kawsar 10PP20J64001	DST-BSIP, Lucknow (Physical Sciences)	Manoj M.C.	The Bengal fan evolution through neogene and quaternary: implications for deep ocean circulation, productivity and monsoonal shifts	16.04.2024
102	Ramesh Nath Goswami 10CC19J19013	CSIR-IIP, Dehradun (Chemical Sciences)	Anjan Ray	Polyaniline composites with 2D nanostructured materials for corrosion inhibition	16.04.2024
103	Bhavna Saini 10CC18A19005	CSIR-IIP, Dehradun (Chemical Sciences)	N Viswanandham	Development of zeolite based catalysts for the conversion of biomass derived feedstocks into value added chemicals	16.04.2024
104	Sayantani Bhattacharya 20EE16A09002	CSIR-CGCRI, Kolkata (Engineering Sciences)	Somnath Bandyopadhyay	Studies on fiber Bragg grating regeneration in optical fiber	22.04.2024
105	Navneet Kumar Gupta 10MM19J42006	CSIR-NIScPR, New Delhi (Mathematical and Information Sciences)	G Mahesh	Science communication through popular hindi science magazine in India: case study	24.04.2024
106	Indhu M 10BB20J11006	CSIR-CLRI, Chennai (Biological Sciences)	Niraikulam Ayyadurai	Expanding the genetic code for targeted drug delivery	24.04.2024
107	Sannya Sathyan 10BB17J39014	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	P. Nisha	Pickering emulsion based encapsulates stabilized by porous starch for bioactive delivery	24.04.2024
108	Priya Sonowal 10CC17A38001	CSIR-NEIST, Jorhat (Chemical Sciences)	Sanjib Gogoi	Studies on metal-catalyzed C-H functionalization reactions for the synthesis of indazolo-phthalazinetrienes, indazolo-indazolidiones, antipyrino maleimides and isocoumarins	24.04.2024
109	Srivishnu K S 10CC19A18034	CSIR-IICT, Hyderabad (Chemical Sciences)	L. Giribabu	Novel phthalocyanines and tetrabenzotriazacorroles as hole transporting materials for perovskite solar cells	24.04.2024
110	Rebika Baruah 10CC16A38003	CSIR-NEIST, Jorhat (Chemical Sciences)	Archana Moni Das	Synthesis of bionanocomposites and their catalytic and biological applications	24.04.2024
111	Kularkar Ankush Dilip 10CC20J27016	CSIR-NEERI, Nagpur (Chemical Sciences)	Penumaka Nagababu	Development of Functional Metal Organic Frameworks (FMOFs) for photoreduction of CO ₂ via Photo-splitting of H ₂ O ₂	24.04.2024
112	Ishrat Jahan Saifi 10BB19J22011	CSIR-IITR, Lucknow (Biological Sciences)	Kausar Mahmood Ansari	Development and validation of an antibody based multiplexing assay system for detection of mycotoxins	24.04.2024
113	Chavan Atul Rajkumar 10BB18A27025	CSIR-NEERI, Nagpur (Biological Sciences)	Anshuman A. Khardenavis	Prebiotic oligosaccharide synthesis from carbohydrate rich sources using fungi/fungal enzymes	24.04.2024
114	Aliesha Moudgil 10BB18J26025	CSIR-NCL, Pune (Biological Sciences)	Bhushan P. Chaudhari	Synthesis and evaluation of unique liposomal formulations as a targeted drug delivery system for the management of breast cancer	24.04.2024
115	Somrita Nag 10CC19A12017	CSIR-CMERI, Durgapur (Chemical Sciences)	Priyabrata Banerjee	Selective and sensitive recognition of hazardous heavy metals and toxic anions in aqueous phase by small molecular sensory probes and their effectual mitigation by bio-benign adsorbent media	24.04.2024

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116	Ramesh. P.I 10CC17A18039	CSIR-IICT, Hyderabad (Chemical Sciences)	Subhash Ghosh	Stereoselective synthesis of deoxyglycosides from glycals and synthetic studies towards capsular polysaccharide repeating units	24.04.2024
117	Soundarya Mary A 10CC19J05002	CSIR-CECRI, Karaikudi (Chemical Sciences)	A. Pandikumar	Experimental and theoretical investigation of visible light active photoelectrodes for photoelectrochemical water splitting	24.04.2024
118	Baint Singh 10CC19A19009	CSIR-IIP, Dehradun (Chemical Sciences)	Anand Narani	Value addition of lignin-derived feedstocks to high-value fine chemicals	24.04.2024
119	Neelam 10PP18A32013	CSIR-NPL, New Delhi (Physical Sciences)	Subhasis Panja	Precise time and frequency transfer over phase compensated optical fibre links established through white rabbit-technology	03.05.2024
120	Snehanshu Chowdhury 10BB19A17016	CSIR-IICB, Kolkata (Biological Sciences)	Shipak Chatterjee	Rewiring metabolic programming increases anti-tumor efficacy of CD8+ T cells	03.05.2024
121	Sutapa Mondal 20EE19J12002	CSIR-CMERI, Durgapur (Engineering Sciences)	Arup Kumar Nandi	Improvement of parallel regenerative braking system to maintain a constant pedal feel and maximize energy regeneration during deceleration of electric vehicle	03.05.2024
122	Pulipaka Sri Ravali 10BB19J18011	CSIR-IICT, Hyderabad (Biological Sciences)	Srigiridhar Kotamraju	Therapeutic efficacies of mitochondria-targeted esculetin and metformin in modulating age-associated atherosclerosis	03.05.2024
123	Deepika Gautam 10BB17A02005	CSIR-IGIB, New Delhi (Biological Sciences)	Kausik Chakraborty	Understanding the underlying problems in the folding landscape of chaperone-dependent proteins	03.05.2024
124	Vidhyalakshmi R 50BB17A08040	CSIR-CFTRI, Mysore (Biological Sciences)	M S Meera	Processing of pearl millet (<i>Pennisetum Glaucum</i>) for the development of low glycaemic index food product for pre-diabetes	03.05.2024
125	Ankita Rani 10BB18J04005	CSIR-CDRI, Lucknow (Biological Sciences)	Susanta Kar	Investigating the role of Krüppel-like family of transcription factors (KLFs) in host immune-suppression during experimental visceral leishmaniasis	03.05.2024
126	Khan Abujunaid Habib 10BB18A26033	CSIR-NCL, Pune (Biological Sciences)	Syed G. Dastager	Bioactive potentials of novel Encealeamycins A-C and <i>N</i> -hydroxypyrazinone acid from <i>Amycolatopsis</i> sp.	03.05.2024
127	Khatape Anil Balasaheb 10BB18J26023	CSIR-NCL, Pune (Biological Sciences)	Syed G. Dastager	Strain improvement for enhanced erythritol production by <i>Moniliella pollinis</i> using cost-effective substrate	03.05.2024
128	Singuru Gaja Lakshmi 10BB19A18065	CSIR-IICT, Hyderabad (Biological Sciences)	Srigiridhar Kotamraju	Therapeutic efficacy of mitochondria-targeted esculetin in the improvement of NAFLD-NASH and hyperglycemia-induced atherosclerosis	03.05.2024
129	Apurva Mishra 10BB18J27009	CSIR-NEERI, Nagpur (Biological Sciences)	Lal Singh	Forest conversion and its impact on soil belowground diversity and suggested eco-restoration strategies	03.05.2024
130	Rohit Kumar 10CC20J33033	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	Transition metal catalyzed functionalization of C(sp ³)-H and C(sp ²)-H bonds via C-C and C-N bond formation	03.05.2024



131	Gonuguntla Spandana 10CC20A18069	CSIR-IICT, Hyderabad (Chemical Sciences)	Ujjwal Pal	Engineering of Metal Oxide/MOF-based semiconductor materials for photocatalytic hydrogen generation and environmental remediation	03.05.2024
132	Vennapoosa Chandra Shobha 10CC20J18046	CSIR-IICT, Hyderabad (Chemical Sciences)	Ujjwal Pal	Studies on visible light driven Layered Double Hydroxide (LDH) photocatalysts for H ₂ production and CO ₂ reduction to methanol	03.05.2024
133	Patil Vaibhav Basavantrao 10CC18A18011	CSIR-IICT, Hyderabad (Chemical Sciences)	Ch Rambabu	Transition-metal catalyzed stereoselective transformation on cyclic-1,3-diones	03.05.2024
134	Arvind Singh Chauhan 10CC18A33021	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Sustainable approaches for the synthesis of furan analogues from biomass derived carbohydrates	03.05.2024
135	Arunkumar S 10PP19J05002	CSIR-CECRI, Karaikudi (Physical Sciences)	A. Subbiah	Development of biosensing platform for the detection of various biomarkers and drugs	07.05.2024
136	Nitish Saini 10PP18A32037	CSIR-NPL, New Delhi (Physical Sciences)	Ajeet Kumar	Bio-inspired memristive devices for neuromorphic computation & its application	07.05.2024
137	Rahul P. 10CC18A39008	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Jubi John	Exploration and development of facile strategies towards quinoline derivatives	07.05.2024
138	Lodsna Borkotoky 10CC18A38001	CSIR-NEIST, Jorhat (Chemical Sciences)	Ram Awatar Maurya	Novel approaches for the synthesis of pyrroles and β -enaminodiones using α -azidoketones	07.05.2024
139	Bhawna Sharma 10CC19J19001	CSIR-IIP, Dehradun (Chemical Sciences)	Umesh Kumar	Homo(co)polymerization of higher alpha olefins and acrylates for their applications	07.05.2024
140	Afsha Anjum Moinuddin 10CC18J27015	CSIR-NEERI, Nagpur (Chemical Sciences)	Sadhana Rayalu	Development of photocatalytic composites for hydrogen generation	07.05.2024
141	Monikankana Saikia 10CC19J38002	CSIR-NEIST, Jorhat (Chemical Sciences)	Binoy Kr. Saikia	Fluorescent carbon quantum dots derived from natural carbonaceous sources for environmental applications	07.05.2024
142	Jayanta Saha 10CC18J17002	CSIR-IICB, Kolkata (Chemical Sciences)	Indrajit Das	Linearly conjugated dienes and trienes: syntheses and reactivity under visible light, and thermal conditions	07.05.2024
143	Ayyappa 10CC20J18006	CSIR-IICT, Hyderabad (Chemical Sciences)	H.M.Sampth Kumar	Design, synthesis and biological evaluation of imidazoquinoline based novel vaccine adjuvants	07.05.2024
144	Bollikanda Rakesh Kumar 10CC19J18014	CSIR-IICT, Hyderabad (Chemical Sciences)	K. Srinivas	Synthesis of dihydrobenzothiazole derivatives as antiviral and antimicrobial agents	07.05.2024
145	Kirankumar P. S 10CC19A39005	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Prathish K P	Development of GC-MS/MS based affordable confirmatory analytical methodology for dioxins and PCBs in fish and fish products and exploration of a sustainable decontamination strategy	09.05.2024
146	Sangita Tripathy 10PP18A32016	CSIR-NPL, New Delhi (Physical Sciences)	Bhanu Pratap Singh	Studies on carbon nanomaterials reinforced polyamide-6 nanocomposites	14.05.2024

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147	PLN Ranganath 10CC20A18058	CSIR-IICT, Hyderabad (Chemical Sciences)	A Venkata Narsaiah	Total synthesis of (R)- salmeterol, artekeiskeanol B & D, (-)-inothanolactone and synthesis of novel 3-fluoro-3- substituted oxindoles and 1,2,3-triazole-isofroxadine derivatives	14.05.2024
148	Navami M. M. 10BB17A39023	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	P Nisha	Millet starch as food-grade pickering particles in emulsion stabilization: fabrication, characterization and application studies	14.05.2024
149	Allu Sarat Kumar 10BB19A18049	CSIR-IICT, Hyderabad (Biological Sciences)	A. Gangagni Rao	Monitoring and modelling of surface ozone and precursor gases for environmental impact assessment	14.05.2024
150	Dluya Samuel Thagriki 10BB20A17012	CSIR-IICB, Kolkata (Biological Sciences)	Upasana Ray	Role of NS1 protein in dengue virus entry	14.05.2024
151	Priyanka Sankoku 10BB18J18023	CSIR-IICT, Hyderabad (Biological Sciences)	Anthony Addlagatta	Genomic characterisation of dengue virus and drug discovery efforts against its protease	14.05.2024
152	Piyusa Priyadarsan Pattanaik 10CC20A18057	CSIR-IICT, Hyderabad (Chemical Sciences)	N. Lingaiah	Studies on solid acid and base catalysts for the synthesis of glycerol carbonate from glycerol	14.05.2024
153	Jiffin Sam 10CC18A39017	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	K P Prathish	Development of zero discharge ultrahigh lime with aluminium process for anionic contaminants – a step towards circular economy	14.05.2024
154	Zeeshan Arif 10BB16A22006	CSIR-IITR, Lucknow (Biological Sciences)	Ramakrishnan Parthasarathi	Developing Quantitative Structure Toxicity Relationship (QSTR) models using relevant physico- chemical descriptors for predicting chemical toxicity	14.05.2024
155	Peddapuvala Saiudaykiran 10BB18A03004	CSIR-CCMB, Hyderabad (Biological Sciences)	Yogendra Sharma	Understanding Ca ²⁺ induced functional diversity of calcium-binding proteins	14.05.2024
156	Jangam Aruna 10BB19A18056	CSIR-IICT, Hyderabad (Biological Sciences)	Anthony Addlagatta	Mitigation of Acute Respiratory Distress Syndrome (ARDS) by phytochemicals from <i>Gymnema sylvestre</i> : cell and animal-based efficacy and mechanistic studies	14.05.2024
157	Venkatesh T 20EE20A39002	CSIR-NIIST, Thiruvananthapuram (Engineering Sciences)	Anjineyulu Kothakota	Semi-automation of Non- Centrifugal Sugars (NCS) production units - experimental, modeling and scale-up studies	14.05.2024
158	Rahul Kumar 10PP17A32007	CSIR-NPL, New Delhi (Physical Sciences)	Vidya Nanda Singh	Gas sensor based on CNT + Metal Oxide	14.05.2024
159	Raman Kumari 10CC18A32070	CSIR-NPL, New Delhi (Chemical Sciences)	Vidya Nand Singh	Theoretical and experimental studies on electron and hole transport layers in Sb ₂ Se ₃ based thin film solar cells	14.05.2024
160	Nair Pranav Girijavallabhan 10BB18A26029	CSIR-NCL, Pune (Biological Sciences)	Mahesh S Dharne	Microbial synthesis of poly- gamma glutamic acid: strategies for improved production and application in drought mitigation and anti- staling properties	14.05.2024

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161	Deeksha Singh 10BB18A22018	CSIR-IITR, Lucknow (Biological Sciences)	Natesan Manickam	Profiling of antimicrobial resistant bacteria and their specific bacteriophage from selected ecological niches to combat antimicrobial resistance	14.05.2024
162	Varsha Tripathi 10BB19A22002	CSIR-IITR, Lucknow (Biological Sciences)	Natesan Manickam	Studies on crude oil petroleum hydrocarbon degrading bacteria and functional gene analysis using insights from whole genome sequencing	14.05.2024
163	Dharmendra Kumar 10CC19J04005	CSIR-CDRI, Lucknow (Chemical Sciences)	Malleswara Rao Kuram	Exploration and development of copper-catalyzed carbene insertion reactions for the construction of C-N bond	16.05.2024
164	Iftkhar Hussain Shah 10CC19A37034	CSIR-IIIM, Jammu (Chemical Sciences)	Bhahwal Ali Shah	Development of new synthetic methods for carbon- heteroatom bond formation	16.05.2024
165	Bishnu Prasad Sinha 10BB20A17009	CSIR-IICB, Kolkata (Biological Sciences)	Dipyaman Ganguly	Exploration of type I IFN mediated pathogenesis and validation of targeted therapies in a preclinical model of psoriasis	16.05.2024
166	Jithu Jayaraj 20EE18A39023	CSIR-NIIST, Thiruvananthapuram (Engineering Sciences)	A Srinivasan	Rare-earth phosphate based engineering coatings on AZ31 magnesium alloy for anticorrosion and biomaterial applications	16.05.2024
167	Drissya T 10BB17A39022	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	Muthu Arumugam	Exploration of selected <i>Streptomyces</i> strains from western ghats for its agriculture and biomedical application	16.05.2024
168	Anjali Krishna P. K. 10CC18A39002	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	C.H.Suresh	Exploration of aromaticity, through-space effect, and nature of CC bonds in chemistry using molecular electrostatic potential analysis	16.05.2024
169	Neethi Raveendran 10CC19A39015	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Chakkooth Vijayakumar	Thiophene-based organic thermoelectric materials: exploring molecular design, doping techniques and nanocomposite formations	16.05.2024
170	Majid Ahmad Ganie 10CC18A37023	CSIR-IIIM, Jammu (Chemical Sciences)	Bhahwal Ali Shah	Applications of photoredox- generated vinyl radicals in the construction of bio-relevant scaffolds	16.05.2024
171	Divya Patel 10CC18A18007	CSIR-IICT, Hyderabad (Chemical Sciences)	Sanjit Kanjila	Study of surface and self- assembly properties of functional surfactants	16.05.2024
172	Alorsee Dey 10PP21J68013	DST-WIHG, Dehradun (Physical Sciences)	Kaushik Sen	Evaluating metamorphism and strain regime during continental subduction and exhumation of the Tso Moriri Crystalline Complex, NW Himalaya	16.05.2024
173	Kapil Garg 20EE20A01001	CSIR-CBRI, Roorkee (Engineering Sciences)	Ajay Chourasia	Performance of passive fire protection system in high impact jet fire conditions	16.05.2024
174	Ashwani Kumar Verma 10BB18A25004	CSIR-NBRI, Lucknow (Biological Sciences)	Sribash Roy	Effect of elevated CO ₂ on epigenome of <i>Arabidopsis thaliana</i> populations from different elevations	17.05.2024
175	Priyanka Singh 10CC19J32017	CSIR-NPL, New Delhi (Chemical Sciences)	Kirti Soni	Characteristics of ventilation coefficient and its impacts on air pollution using SODAR	17.05.2024

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176	Swati Gangwar 10PP18A32046	CSIR-NPL, New Delhi (Physical Sciences)	Shibhu Saha	Study of perfect optical vortex beam for its potential applications	17.05.2024
177	Tishta Das 20EE18J12002	CSIR-CMERI, Durgapur (Engineering Sciences)	Aditya Kr Lohar	Investigation on laser metal deposition of stainless steel	22.05.2024
178	Mohd Murtaza 10BB18A37015	CSIR-IIIM, Jammu (Biological Sciences)	Sundeep Jaglan	Discovery of antibacterial molecules from actinomycetes and to understand their mechanism of action	22.05.2024
179	Trisha Roy 10BB18A04028	CSIR-CDRI, Lucknow (Biological Sciences)	Amit Misra	Deciphering the transcriptional events leading to the upregulation of SOCS isoforms by <i>M. tuberculosis</i> in macrophages	22.05.2024
180	Rajesh Gujju 10BB18A18070	CSIR-IICT, Hyderabad (Biological Sciences)	Sunil Misra	Antimicrobial and wound healing properties of anthranilamide-conjugated carbon dots	22.05.2024
181	Yasmeen Khan 10BB18A02009	CSIR-IGIB, New Delhi (Biological Sciences)	Mary Krishna Ekka	Dissecting the binding mechanism of nucleolin towards nucleic acid secondary structures	22.05.2024
182	Diana Dayas K 10PP16A32009	CSIR-NPL, New Delhi (Physical Sciences)	H.K.Singh	Study of strain induced transport properties in some nickelate perovskite thin films and their bilayers	22.05.2024
183	Rakesh Ahirwar 10CC15A35008	CSIR-AMPRI, Bhopal (Chemical Sciences)	Jai Prakash Shukla	Water resources management using geospatial technology in Hoshangabad and Budhni industrial area and its surroundings	22.05.2024
184	Priyanka Singh 10BB17A02017	CSIR-IGIB, New Delhi (Biological Sciences)	Ritushree Kukreti	Unravelling the effect of genetic variations on gene expression dynamics in major depressive disorder	27.05.2024
185	Piyush 10PP19A32127	CSIR-NPL, New Delhi (Physical Sciences)	P.K.Dubey	Design, development and study of instrumentation for ultrasonic pulse velocity measurement	27.05.2024
186	Ajay Kumar Sharma 10CC18A33020	CSIR-IHBT, Palampur (Chemical Sciences)	Pralay Das	Methodology development for supported metal-catalyzed carbonylation reactions and phenol-based chemosensor synthesis	27.05.2024
187	Patel Jaymin Somabhai 20EE20J16002	CSIR-CSMCRI, Bhavnagar (Engineering Sciences)	Subarna Maiti	Decentralized application of solar thermal energy using Evacuated Tube Collector (ETC) technology	27.05.2024
188	Subholakshmi Choudhury 10BB18A18064	CSIR-IICT, Hyderabad (Biological Sciences)	Amitava Das	Modulating the fate of mesenchymal stem cells towards functional keratinocytes for enhanced re-epithelialization of chronic diabetic wounds	27.05.2024
189	Abhishek Pratap Singh 10PP21J68006	DST-WIHG, Dehradun (Physical Sciences)	Ramesh Kumar Sehgal	Reconstruction of biostratigraphy and palaeoecology of the siwalik succession exposed around Nurpur (District Kangra, Himachal Pradesh) and Dunera (District Pathankot, Punjab), India	27.05.2024
190	Talati Mamta Natvarlal 10BC19A18066	CSIR-IICT, Hyderabad (Chemical Sciences)	H M Sampath Kumar	Design, synthesis and immunopharmacological evaluation of novel TLR2 adjuvants and other small molecule immunopotentiators	27.05.2024

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191	Vijaykumar M 10CC18A26058	CSIR-NCL, Pune (Chemical Sciences)	Benudhar Punji	Regioselective C–H bond oxygenation in amides, indoles and isatins, and oxidative C–C bond formation in indoles by palladium catalyst	27.05.2024
192	Siddiqui Shaziya Parveen Khairunnasar 10CC17A26009	CSIR-NCL, Pune (Chemical Sciences)	C V Ramana	The development of small molecule autophagy inducers in cervical cancer cells and antiviral modified nucleosides against COVID-19	27.05.2024
193	Aneep Kumar 10MM19J42003	CSIR–NIScPR, New Delhi (Mathematical and Information Sciences)	Shobhna Choudhary	Energy requirement, resources and future management: role of science communication	30.05.2024
194	Ashim Gogoi 10PP17A38015	CSIR-NEIST, Jorhat (Physical Sciences)	Sangeeta Sharma	Development of attenuation relation from ground motion parameters and simultaneous estimation of site characteristics pertaining to some important cities in and around Shillong-Mikir hills plateau, NE India	30.05.2024
195	Surikonti Prashanth 10CC18A18016	CSIR-IICT, Hyderabad (Chemical Sciences)	B V Subba Reddy	Stereoselective total synthesis of epi-eliglustat and development of novel methodologies for oxazoles, spirocyclic sultams and thioethers	30.05.2024
196	Kadam Jyoti Ramesh Rao 10CC18J26010	CSIR-NCL, Pune (Chemical Sciences)	Paresh Laxmikant Dhepe	Cobalt promoted ruthenium catalysts for the hydrogenation of sugar, furfural and furfuryl alcohol	30.05.2024
197	Bukya Hemalatha 10CC20A18018	CSIR-IICT, Hyderabad (Chemical Sciences)	Prathama S M	Synthetic efforts towards antibacterial peptides	30.05.2024
198	Mehak Puri 10BB19J27001	CSIR-NEERI, Nagpur (Biological Sciences)	M Suresh Kumar	Endocrine disrupting chemicals (EDCs) in the environment and its management	30.05.2024
199	Urvashi Sahu 10BB18J08005	CSIR-CFTRI, Mysore (Biological Sciences)	S. Ezil Vendan	Physiological and toxicological effects of phytochemical volatiles on <i>Sitophilus oryzae</i> (Rice weevil): a comprehensive study	30.05.2024
200	Punugupati Neelambaram 10CC17A18019	CSIR-IICT, Hyderabad (Chemical Sciences)	Ramanuj N	Synthesis and characterization of acrylic hybrid emulsions and composites for coating applications	30.05.2024
201	Mydhili R 10BB19A18058	CSIR-IICT, Hyderabad (Biological Sciences)	Sumana Chakravarty	Sex-differences in transcriptomic response and epigenetic regulatory mechanisms underlying cerebral ischemia-induced neural damage and recovery in a mouse model	30.05.2024
202	Neeraj Kumar 10CC18A35010	CSIR-AMPRI, Bhopal (Chemical Sciences)	Raju Khan	Investigation on carbon nanomaterials-based composites for electrochemical biosensor applications	30.05.2024
203	Sonkar Rutuja Murlidhar 10BB18A08012	CSIR-CFTRI, Mysore (Biological Sciences)	Praveena B. Mudliar	Green process for xylooligosaccharide production from wheat bran and its prebiotic potential	05.06.2024

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204	Deepti Shrivastava 10BB18J04008	CSIR-CDRI, Lucknow (Biological Sciences)	Saman Habib	Investigation of organellar solute transporters of <i>Plasmodium falciparum</i>	05.06.2024
205	Mohini Soni 10BB18A04012	CSIR-CDRI, Lucknow (Biological Sciences)	J. Venkatesh Pratap	Structural and functional characterization of <i>Leishmania donovani</i> metabolic proteins and mutants of coronin	05.06.2024
206	Alisha Valsan C 10BB18A39030	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	K.V. Radhakrishnan	Exploring the anticancer potential of bisbenzylisoquinoline alkaloid- phaeanthine and its targeted delivery through a nanocarrier system	05.06.2024
207	Priyanshu Goel 30EE15A15001	CSIR-CSIO, Chandigarh (Engineering Sciences)	Sunita Mishra	Perovskite and metal-organic framework composite for energy applications	05.06.2024
208	Bhavya A. S 10CC18A39012	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Surendran K.P.	2D- hexagonal boron nitride heterostructures based triboelectric nanogenerator for mechanical energy harvesting and tactile sensing applications	05.06.2024
209	Fauzia 10PP18A28006	CSIR-NGRI, Hyderabad (Physical Sciences)	Virendra M. Tiwari	Appraisal of factors impacting rainfall recharge to granitic aquifers, South India in the semi-arid climate	05.06.2024
210	Kapil Kumar 10PP19A32078	CSIR-NPL, New Delhi (Physical Sciences)	V.P.S Awana	Magnetic doping in topological materials	05.06.2024
211	Holey Snehal Ashokrao 10CC20J18039	CSIR-IICT, Hyderabad (Chemical Sciences)	Rati Ranjan Nayak	Multifunctional soft and smart molecular gels of bio-based glycolipids and their applications	05.06.2024
212	Javaid Fayaz Lone 10BB19A37012	CSIR-IIIM, Jammu (Biological Sciences)	Sumeet Gairola	Eco-morphological, molecular and nutraceutical studies on <i>wild Cannabis</i> germplasm from Western Himalaya, India	06.06.2024
213	Monika Binwal 10BB21J10010	CSIR-CIMAP, Lucknow (Biological Sciences)	D U Bawankule	Therapeutic potential of selected taxoids from <i>Taxus wallichiana</i> against insulin resistance: an <i>in-vitro</i> and <i>in-vivo</i> study	06.06.2024
214	Reena 10BB17A02019	CSIR-IGIB, New Delhi (Biological Sciences)	Pradeep Kumar	Design and development of gene delivery vectors	06.06.2024
215	Gyan Ranjan 10BB20A02026	CSIR-IGIB, New Delhi (Biological Sciences)	Vinod Scaria	Exploring sequence-independent functional conservations of lncRNAs	06.06.2024
216	Mohamed Imran S 10BB20A02012	CSIR-IGIB, New Delhi (Biological Sciences)	Sridhar Sivasubbu	Understanding the genetic epidemiology and genetic variants involved in primary monogenic dyslipidemia	06.06.2024
217	Gade Pravin Savata 10BB18A08005	CSIR-CFTRI, Mysore (Biological Sciences)	Praveena B. Mudliar	Biosensing and mitigation of sterigmatocystin	06.06.2024
218	Sahadeb Shit 20EE18A12004	CSIR-CMERI, Durgapur (Engineering Sciences)	Dip Narayan Ray	Augmented vision: a deep learning based approach for improved visibility and detection of objects in fog using single camera	06.06.2024
219	Rajiv Ranjan Thakur 20EE18A06001	CSIR-CEERI, Pilani (Engineering Sciences)	Ing. Nidhi Chaturvedi	Design and development of GaN FET for non-invasive detection of brain injury biomarkers	06.06.2024



220	Mulik Nagesh Laxman 10CC19J26003	CSIR-NCL, Pune (Chemical Sciences)	Vijay V Bokade	Heteropolyacids and their modified versions for the transformation of renewable feedstocks to value-added products	06.06.2024
221	Anusuya Saha 10CC20J16015	CSIR-CSMCRI, Bhavanagar (Chemical Sciences)	B Ganguly	Computational studies to examine the role of electronic and non-bonded interaction in designing new organic materials and their possible applications	14.06.2024
222	Rathod Nehal Hitendrasinh 10CC19A16007	CSIR-CSMCRI, Bhavanagar (Chemical Sciences)	Vaibhav Kulshrestha	Fabrication and application of stable bipolar membranes: effect of layer thickness and interfacial layer	14.06.2024
223	Akudari Ashok 10CC18A18031	CSIR-IICT, Hyderabad (Chemical Sciences)	M. Chandrasekharam	Copper mediated C-H functionalization of aryls and bifunctionalization of alkenes	14.06.2024
224	Muneer Ul Shafi Bhat 10CC20A37006	CSIR-IIIM, Jammu (Chemical Sciences)	Bhahwal Ali Shah	Expanding the scope of thiol-mediated reactions: advancements in strategies for carbon-heteroatom bond formation	14.06.2024
225	Ritu Jangirh 10CC20J32023	CSIR-NPL, New Delhi (Chemical Sciences)	Tuhin Kumar Mandal	Characterization of coarse mode aerosols and its source apportionment in Delhi	14.06.2024
226	Rohit Kumar 10CC16A26008	CSIR-NCL, Pune (Chemical Sciences)	Samir Chikkali	Rhodium and iron catalyzed hydroformylation, isomerizing-hydroformylation and asymmetric hydroformylation of alkenes	14.06.2024
227	Ejjirotu Srinivasu 10CC19A18015	CSIR-IICT, Hyderabad (Chemical Sciences)	Ch Raji Reddy	Development of aromative/dearomative annulations for the synthesis of functionalized aza-heterocycles: carbazoles, azaspiro[5,5]undecatrienones and fused-pyridindolones	14.06.2024
228	Naga Venkata Satyanarayana Gavid 10CC18J18009	CSIR-IICT, Hyderabad (Chemical Sciences)	Sutapa Ghosh	Biomass derived carbon quantum dots and their nanocomposites for energy production and storage applications	14.06.2024
229	Rashmita Devi 10CC18J38010	CSIR-NEIST, Jorhat (Chemical Sciences)	Prakash J. Saikia	Development of nano-based sensing platform for the detection of neurological significant analytes	14.06.2024
230	Aarti Solanki 10CC18A01004	CSIR-CBRI, Roorkee (Chemical Sciences)	L.P.Singh	Hydration studies of tricalcium aluminate with silica nanoparticles and their impact on the deterioration of cementitious system	14.06.2024
231	Vandana Padmanabhan 10BB18J08003	CSIR-CFTRI, Mysore (Biological Sciences)	Giridhar Parvatam	Investigations on nutrients and nutraceutical potential of seeds and flowers of <i>Clitoria ternatea</i> L.	14.06.2024
232	Shivani Sharma 10BB18A04022	CSIR-CDRI, Lucknow (Biological Sciences)	Naibedya Chattopadhyay	Investigating the impact of different classes of pharmacologic interventions on bone-remodeling in preclinical models of chronic-kidney disease	14.06.2024
233	Muhammad Fahad Jamali 10CC18J04038	CSIR-CDRI, Lucknow (Chemical Sciences)	Kishor Mohanan	Harnessing the reactivity of trifluorodiazethane for the synthesis of trifluoromethylated organic compounds	14.06.2024

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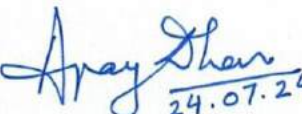
234	Aatif Rashid 10BB20A37003	CSIR-IIIM, Jammu (Biological Sciences)	Dhiraj Vyas	Exploring nutraceutical potential and cannabinoid regulation in <i>Cannabis sativa</i> L.	14.06.2024
235	Abdul Mazeed 10BB20A10003	CSIR-CIMAP, Lucknow (Biological Sciences)	Priyanka Suryavanshi	Studies on plant-based biostimulants and phosphorus management practices in rose scented geranium (<i>Pelargonium graveolens</i> L'Herit ex Ait)	14.06.2024
236	Kandarapu Annapurna 10CC17A18033	CSIR-IICT, Hyderabad (Chemical Sciences)	A. Venkat Narsaiah	Total synthesis of biologically active compounds trichophycin I, schwarzinicines A-D, sinuxylamides A-E, mandipropamid and substituted 1,5-benzodiazepines	14.06.2024
237	Mercy Rophina 10BB19A02005	CSIR-IGIB, New Delhi (Biological Sciences)	Vinod Scaria	Understanding the landscape of human blood group alleles from population scale genome data	20.06.2024
238	Asheesh Kumar Sharma 10PP18A32009	CSIR-NPL, New Delhi (Physical Sciences)	Satya Kesh Dubey	Design & analysis for broadband dielectric measurement systems at GHz frequencies	20.06.2024
239	Haritha M 10PP19A39039	CSIR-NIIST, Thiruvananthapuram (Physical Sciences)	Suresh C.H.	Molecular electrostatic potential analysis of rings in drugs and drug-like molecules: predictions on lipophilicity and hydrogen bond propensity	20.06.2024
240	Reddy Aparna 20EE18A18052	CSIR-IICT, Hyderabad (Engineering Sciences)	A. Gangagni Rao	Agricultural biomass valorization for practical applications: process development and validation through AI tools	20.06.2024
241	Showkat Ahmad Bhat 10CC18A37021	CSIR-IIIM, Jammu (Chemical Sciences)	Khursheed Ahmad Bhat	Development of synthetic methodologies using DMSO for the preparation of exigent compounds and 4-ethylpiperic acid congeners	20.06.2024
242	Tapan Kumar Maity 10CC20J16009	CSIR-CSMCRI, Bhavnagar (Chemical Sciences)	Kamlesh Prasad	Studies on the valorization of bio-based and polyethylene terephthalate (PET) solid waste using tetra-alkylammonium hydroxide aqueous solution	20.06.2024
243	Sudhanya Mohanty 10CC18A18035	CSIR-IICT, Hyderabad (Chemical Sciences)	Ramanuj Narayan	Design and development of functional hybrid coating systems	20.06.2024
244	Sudheer Kumar Karu 10CC18A18036	CSIR-IICT, Hyderabad (Chemical Sciences)	M. Chandrasekharam	Synthesis of benzhydryl amides/esters and 3-substituted 3-aminooxindoles	20.06.2024
245	Ravi Prakash Vats 10CC18J04041	CSIR-CDRI, Lucknow (Chemical Sciences)	Atul Goel	Synthesis of new fluorescent heterocyclic compounds and their potential applications	20.06.2024
246	Nirangkush Borah 10CC20J38012	CSIR-NEIST, Jorhat (Chemical Sciences)	Chandan Tamuly	Development of metal nanoparticles as chemical sensors using natural products and their applications in detection of food additives	20.06.2024
247	Purbita Bandopadhyay 10BB19J17001	CSIR-IICB, Kolkata (Biological Sciences)	Dipyaman Ganguly	Role of plasmacytoid dendritic cells in sterile inflammation	26.06.2024

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248	Krishan Kumar Saini 10BB18J04011	CSIR-CDRI, Lucknow (Biological Sciences)	Dipak Datta	Harnessing the role of crosstalk between ER-stress and ferroptosis in cancer	26.06.2024
249	Susmita Bhowmik 10CC21J26023	CSIR-NCL, Pune (Chemical Sciences)	Magesh Banu	Bifunctional catalysts for conversion of polyols	27.06.2024
250	Suraj Sharma 10CC18J38008	CSIR-NEIST, Jorhat (Chemical Sciences)	Gakul Baishya	Development of new methodologies for the synthesis and functionalization of quinoxalin-2(1 <i>H</i>)-ones, chroman-4-ones & furocoumarins	27.06.2024
251	Shashi Kant 10BB18A17007	CSIR-IICB, Kolkata (Biological Sciences)	Sucheta Tripathy	Delineating the genome and transcriptome of a newly identified fungus <i>Apiospora malaysiana</i> for efficient cellulose degradation and development of different biomaterials for potential commercial application	27.06.2024
252	Ashwini Amol Sawant 10CC17J18001	CSIR-IICT, Hyderabad (Chemical Sciences)	P. S. Mainkar	Synthetic efforts towards anti-HIV agents- tenofovir pivafen fumarate and dolutegravir	27.06.2024
253	Krishna Gautam 10BB18A22012	CSIR-IITR, Lucknow (Biological Sciences)	S. Anbumani	Ecotoxicity assessment of organic UV filter, oxybenzone in <i>Eisenia fetida</i>	27.06.2024
254	Anuradha Awasthi 10BB18A27016	CSIR-NEERI, Nagpur (Biological Sciences)	Sadhana Rayalu	Solar distillation for water and wastewater treatment	27.06.2024
255	Nishtha Chandal 10BB18A20011	CSIR-IMTech, Chandigarh (Biological Sciences)	Hemraj Nandanwar	Efflux pump inhibitory and anti-bacterial potential of indole derivatives as an arsenal against gram-positive bacterial infections	27.06.2024
256	Shadab Ahmad 10BB18J04023	CSIR-CDRI, Lucknow (Biological Sciences)	Akhilesh K. Tamrakar	Identification and development of natural agents for the management of diabetic nephropathy	27.06.2024
257	Jaydip Dey 10PP18A27012	CSIR-NEERI, Nagpur (Physical Sciences)	R Vijay	Geo-spatial assessment of sewage pollution in surface waterbody and mitigation measures	27.06.2024
258	M S Soujanya 10BB19J03031	CSIR-CCMB, Hyderabad (Biological Sciences)	Rakesh Kumar Mishra	Investigating the role of vertebrate GAGA factor in genome organization during myogenesis	27.06.2024
259	Jundale Rajashri Baburao 20EE18A26023	CSIR-NCL, Pune (Engineering Sciences)	Amol Kulkarni	Development of a continuous process for rigid, mesoporous, and metal coated silica	27.06.2024
260	Sathya S 10PP19A05017	CSIR-CECRI, Karaikudi (Physical Sciences)	A. Manuel Stephan	Studies on the electrochemical properties of SiO _x -based anodes and hybrid solid polymer electrolytes for Li-S batteries	27.06.2024
261	Hari S. 20EE18J39009	CSIR-NIIST, Thiruvananthapuram (Engineering Sciences)	M Ravi	Experimental and simulation studies of squeeze cast Al-Si-Cu-Mg-Ni alloy for piston applications of high power engines	27.06.2024
262	Chavakula Naga Babu 10CC20A18021	CSIR-IICT, Hyderabad (Chemical Sciences)	P. Nagender	Development of novel strategies to access trifluoromethylated oxindoles and 3,4-fused quinolones	27.06.2024

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263	Pankaj Singh Cham 10CC20J37028	CSIR-IIIM, Jammu (Chemical Sciences)	Parvinder Pal Singh	Isolation, enrichment and synthetic modification of phytocannabinoids for therapeutic applications	27.06.2024
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