

(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

NOTIFICATION

Dated: April 15, 2025

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

SN	Name with Registration Number	Affiliated Research Institute (Faculty)	Supervisor (Co-Supervisor)	Thesis Title	Date of Award of Ph.D. Degree
1	Kamble Ganesh Narsing (10CC18J26004)	CSIR-NCL, Pune (Chemical Sciences)	Asha S.K.	Biobased or biodegradable resin formulations for 3D printing	03.12.2024
2	Anmol (10CC19A33030)	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	Phytochemical investigation of traditionally important Himalayan Medicinal Plant Aconitum heterophyllum Wall	03.12.2024
3	Sarita Katiyar (10CC18A04042)	CSIR-CDRI, Lucknow (Chemical Sciences)	Koneni V. Sashidhara	Natural product-inspired synthesis of bioactive compounds and their bio-evaluation	03.12.2024
4	Lavanya K (10CC18A26004)	CSIR-NCL, Pune (Chemical Sciences)	Paresh L. Dhepe	Exploring the effect of nitrogen incorporation in modulating the catalytic properties of chitosan derived carbon supported metal catalysts for electrochemical HER, OER, ORR and biomass hydrogenation	03.12.2024
5	Anwesha Kar (10BB19A17017)	CSIR-IICB, Kolkata (Biological Sciences)	Shilpak Chatterjee	CD38 mediated terminal exhaustion of T cells: mechanism and implications	03.12.2024
6	Sonam Kanchan (10BB20J04049)	CSIR-CDRI, Lucknow (Biological Sciences)	Srikanta Kumar Rath	Effect of PLGA/PF127 encapsulated salinomycin nanoparticle on apoptosis in human prostate cancer	03.12.2024
7	Partha Chattopadhyay (10BB20A02004)	CSIR-IGIB, New Delhi (Biological Sciences)	Rajesh Pandey	Elucidating role of ncRNA in modulating response to pathogen challenge	03.12.2024
8	Pragati Sharma (10PP18A32038)	CSIR-NPL, New Delhi (Physical Sciences)	Kamlesh Kumar Maurya (R.P. Pant)	Spinel ferrites nanoparticles and fluids: synthesis and applications	03.12.2024
9	Harish Kumar Rathore (10PP18A32055)	CSIR-NPL, New Delhi (Physical Sciences)	Subhasis Panja (Subhadep De)	Instrumentation and automation for the development of an optical clock	06.12.2024





AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India

10	Meenu Jindal (10CC20A19028)	CSIR-IIP, Dehradun (Chemical Sciences)	Thallada Bhaskar (Venkata Chandra Sekhar Palla)	Reductive catalytic valorization of cotton stalks to value-added chemicals	06.12.2024
11	Ifshana Gani (10CC17A37026)	CSIR-IIIM, Jammu (Chemical Sciences)	Khursheed Ahmad Bhat	Natural product chemistry of Artemisia moorcroftiana and value addition of some bioactive natural isolates	06.12.2024
12	Riwandahun Marwein (10BB17A38021)	CSIR-NEIST, Jorhat (Biological Sciences)	C Chikkaputtaiah	Transcriptomics analysis of North East Indian rice cultivars in response to Brown Spot Disease (BSD) and CRISPR/Cpf1 mediated functional analysis of BSD associated <i>cysteine-rich receptor-like protein kinase</i> (OsCRK) gene	06.12.2024
13	Gandhi Grishmaben Rajeshkumar (10BB17A16010)	CSIR-CSMCRI,Bhavnagar (Biological Sciences)	Arup Ghosh	Interaction of red and brown seaweed based biostimulant formulation with agriculturally important soil microbes with respect to their effect on productivity and quality of maize (<i>Zea mays</i>)	06.12.2024
14	Rameez Ahmad Khan (10BB17A37008)	CSIR-IIIM, Jammu (Biological Sciences)	Nazia Abbas	Cloning and characterization of trichome related genes and their possible regulatory role in artemisinin biosynthetic pathway in Artemisia annua L	06.12.2024
15	Mohd Fayaz (10BB18A37031)	CSIR-IIIM, Jammu (Biological Sciences)	Prashant Misra	Characterization of lipoxygenase genes & promoter regions of structural genes of cannabinoid biosynthesis in <i>Cannabis sativa</i>	06.12.2024
16	Priyanka Rajput (10BB19A16025)	CSIR-CSMCRI,Bhavnagar (Biological Sciences)	Pradeep K Agarwal	Characterization of Sesamum indium SiMYB77 in plant towards abiotic stress tolerance	06.12.2024
17	Partha Sarathi Nial (10BB19A36024)	CSIR-IMMT, Bhubaneswar (Biological Sciences)	Umakanta Subudhi	Sequence-specific conformational switching in linear and branched DNA structures	06.12.2024
18	Sudhanshu (10PP19J32019)	CSIR-NPL, New Delhi (Physical Sciences)	Sunil Singh Kushvaha (H.K. Singh)	Magneto-transport, thermoelectric and optical properties of topological insulator Bi2Se3 thin films	09.12.2024
19	Pawan Kumar (10CC20A26080)	CSIR-NCL, Pune (Chemical Sciences)	Vinod C. Prabhakaran	Studies on novel catalyst designs for C-H activation	12.12.2024
20	Ritu Rani (10BB17A02020)	CSIR-IGIB, New Delhi (Biological Sciences)	Bhavana Prasher	Exploring inter-individual variability in response to physiological stress among healthy individuals using ayurgenomics approach	12.12.2024
21	Pooja Yadav (10BB17A25010)	CSIR-NBRI, Lucknow (Biological Sciences)	Manoj Kumar	Xylem-specific transcript profiling and characterization of resistant gene(s) during vascular wilt of chickpea caused by <i>Fusarium</i> oxysporum f. sp. ciceris	12.12.2024
22	Vandana Singh (10BB18A02004)	CSIR-IGIB, New Delhi (Biological Sciences)	Soumya Sinha Roy (Anurag Agrawal)	Studies on the molecular patho-physiology of Non-Alcoholic Fatty Liver (NAFL) development and progression	12.12.2024





(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad – 201002, U.P., India

23	R Abishek Bharadwaj (10BB19J03014)	CSIR-CCMB,Hyderabad (Biological Sciences)	Regalla Kumarswamy	Long non-coding RNA TUG1 regulates smooth muscle cell differentiation in aortic aneurysm	12.12.2024
24	Annapoorna P Karthyayani (10BB19J03017)	CSIR-CCMB,Hyderabad (Biological Sciences)	Arvind Kumar (Arvind Kumar)	Deciphering the role of KDM7 and KDM4 families of histone lysine demethylases in depression	12.12.2024
25	Jayachitra S (10CC19J05003)	CSIR-CECRI, Karaikudi (Chemical Sciences)	P Murugan (M. Sathish)	Exploring chalcogenides-based nanomaterials as co-catalyst for enhanced photocatalytic hydrogen production over TiO2 Photocatalyst	12.12.2024
26	Geekuri Mallikarjun (10CC20A18033)	CSIR-IICT, Hyderabad (Chemical Sciences)	N. Lingaiah	Studies on Ni based catalysts for bi-reforming of methane with CO2 to hydrogen rich syngas	12.12.2024
27	Dattatri (10CC19A18013)	CSIR-IICT, Hyderabad (Chemical Sciences)	M. Sridhar Reddy	Hetero and carbo-metalation of functionalized alkynes triggered cyclization and annulation cascade to efficiently access diverse heterocycles	12.12.2024
28	Monika Patel (10BB19J04050)	CSIR-CDRI, Lucknow (Biological Sciences)	Prem N. Yadav	To investigate the role and mechanism of CXCL10 chemokine and other neuropeptides in brain ageing	12.12.2024
29	Avishek Kar (10BB21J36002)	CSIR-IMMT, Bhubaneswar (Biological Sciences)	Umakanta Subudhi (Bhabani Sankar Jena)	Development of self-assembled DNA nanomaterials for modulating gene expression in cancer cell lines	12.12.2024
30	Kanike Raghavendra Prasad Babu (20EE18A45002)	CSIR-4PI, Bangalore (Engineering Sciences)	Kantha Rao Bhimala (Gopal Krishna Patra)	Analysis of land surface parameters and its relationship with Indian monsoon rainfall using satellite remote sensing data	12.12.2024
31	Anju Sharma (20EE21J24001)	CSIR-NAL, Bangalore (Engineering Sciences)	V P S Naidu (G K Patra)	Al-driven data fusion techniques for health assessment of rotary systems	12.12.2024
32	Chavan Sambhaji Balkrushna (10BB19J26010)	CSIR-NCL, Pune (Biological Sciences)	Mahesh S. Dharne (Ashvini M. Shete)	Development of cocktail of lignocellulolytic enzymes and its application for degradation of lignocellulosic biomass	12.12.2024
33	Chayanika Rathore (10PP20A29025)	CSIR-NIO, Goa (Physical Sciences)	Mahua Saha	Occurrence, distribution, characterization and source identification of microplastics along the central west coast of India	12.12.2024
34	Shashank Kumar Srivastava (32EE18A35005)	CSIR-AMPRI, Bhopal (Engineering Sciences)	Gaurav Kumar Gupta (Tilak Chandra Joshi)	Synthesis and investigation of light-weight, sintered hollow metallic spheres	16.12.2024
35	Debolina Roy (10CC20A12001)	CSIR-CMERI, Durgapur (Chemical Sciences)	Soumen Mandal (Nripen Chanda)	Synthesis and characterization of 2D material based nanocomposite for bioanalyte sensing	16.12.2024





AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India

36	Bharathkumar H J (10CC18A26050)	CSIR-NCL, Pune (Chemical Sciences)	K. Krishnamoorthy	The design and synthesis of cathode materials for high-performance Li-S batteries	16.12.2024
37	Ajithkumar V S (10CC19A26024)	CSIR-NCL, Pune (Chemical Sciences)	Sakya S. Sen	Hypersilyl tetrylenes: a novel synthon in main-group chemistry	16.12.2024
38	Vemparala Lakshmi Gayathri (10BB20J18068)	CSIR-IICT, Hyderabad (Biological Sciences)	A. Gangagni Rao (T. Kumaraguru)	Sustainable bio-based approaches for the conversion of gaseous and solid organic wastes into nutraceuticals and biofuels	16.12.2024
39	Aanchal Chauhan (10BB18J22003)	CSIR-IITR, Lucknow (Biological Sciences)	Vikas Srivastava	Role of keratinocyte stem cells in accelerated skin carcinogenesis induced by prenatal arsenic exposure	16.12.2024
40	Aishwarya Praveen (10BB19A08028)	CSIR-CFTRI, Mysore (Biological Sciences)	Sachin R. Chaudhari (S. Nagarajan)	Understanding structure and profile of curcuminoids present in turmeric and their augmentation ex vitro	16.12.2024
41	Neeraj Rawat (10BB18A22016)	CSIR-IITR, Lucknow (Biological Sciences)	Mahendra Pratap Singh	A study on the effect of chlorpyrifos on cypermethrin-induced dopaminergic neurotoxicity in rats	16.12.2024
42	Natesh J (10BB17A08006)	CSIR-CFTRI, Mysore (Biological Sciences)	Syed Musthappa Meeran	Targeted delivery of dietary bioactive compounds as an adjuvant therapy against breast cancer	24.12.2024
43	Syed Assim Haq (10BB19A37020)	CSIR-IIIM, Jammu (Biological Sciences)	Premnarayan Gupta	Investigation of drug delivery strategies for improved efficacy of andrographolide	24.12.2024
44	Kamalpreet Kaur Sandha (10BB18A37009)	CSIR-IIIM, Jammu (Biological Sciences)	Premnarayan Gupta	Exploration of tumor microenvironment modulation and drug delivery-based approaches for improved anticancer efficacy	24.12.2024
45	Chafale Ayushi Ishwar (10BB19A27013)	CSIR-NEERI, Nagpur (Biological Sciences)	Atya Kaple	Challenges and solutions in bioremediation of oil contaminated soil	24.12.2024
46	Swastika Mallick (10BB18A36018)	CSIR-IMMT, Bhubaneswar (Biological Sciences)	Nilotpala Pradhan	Studies on Commelina erecta a common weed biomass as source of antioxidants/bioactive molecules and their applications	24.12.2024
47	Doke Abhilasha Atul (10BB18A26037)	CSIR-NCL, Pune (Biological Sciences)	Santosh Kumar Jha	Dynamic dances of TDP-43: unravelling molecular mechanisms, solvation effects, and precursor conformation in amyloid aggregation and phase separation of full-length TDP-43	24.12.2024
48	Pinaki Prasad Mahapatra (10BB19J04015)	CSIR-CDRI, Lucknow (Biological Sciences)	Shakil Ahmed	Functional characterization of fission yeast Bsd1, a NEDD4 interacting protein, in metal and endoplasmic reticulum stress and through overexpression	24.12.2024
49	Madhukrishnan M. (10CC18A39004)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Kaustabh Kumar Maiti	Design, synthesis and biological assessment of SERS guided cell surface glycan modifications and anti-calcification properties of nano-rhein	24.12.2024





(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad – 201002, U.P., India

50	Ranjana Venugopal (10CC18A39013)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Biswapriya Deb	Enhancing the functional capabilities of tungsten oxidederived electrochromic devices	24.12.2024
51	Kishore Chandra Kandpal (10BB20J33012)	CSIR-IHBT, Palampur (Biological Sciences)	Amit Kumar	Hyperspectral remote sensing and artificial intelligence for identification of medicinal plants and non-invasive estimations of their biochemical and biophysical parameters	24.12.2024
52	Salgaonkar Kranti Nishi- kant (10CC18A26054)	CSIR-NCL, Pune (Chemical Sciences)	Chinnakonda S, Gopinath	Electronically integrated light absorbers for efficient artificial photosynthesis: baby step towards carbon neutral economy	24.12.2024
53	Zade Vishal Mallikarjun (10CC19J26032)	CSIR-NCL, Pune (Chemical Sciences)	D. Srinivasa Reddy	Direct deoxygenation of α-hydroxy ketones and process development of benzofuran-6-carboxylic acid, a key intermediate of ophthalmic drug liftegrast	24.12.2024
54	Sawant Amol Muralidhar (10BB18J26020)	CSIR-NCL, Pune (Biological Sciences)	V. Koteshwara Rao	Strain improvement of <i>Penicillium rubens</i> for biosynthesis of penicillin V and development of biocatalytic process for β-lactam antibiotic production	24.12.2024
55	Narasimha Swamy S (20EE18A24001)	CSIR-NAL, Bangalore (Engineering Sciences)	Kota Solomon Raju	Development of novel energy-efficient secured application layer protocols for IoT applications	24.12.2024
56	Anuruddha Majumder (20EE20A12004)	CSIR-CMERI, Durgapur (Engineering Sciences)	Dipankar Chatterjee (Sambunath Nandy)	A study on the effect of multi wall carbon nanotube in eutectic or near eutectic Al-Si alloy solidification through melting casting route	24.12.2024
57	Madhusmita Baliarsingh (32EE19A36003)	CSIR-IMMT,Bhubaneswar (Engineering Sciences)	Prabhas Beuria	Kinetics studies on reduction roasting of low-grade iron ore fines using fluidized bed roaster to maximize the recovery of iron values	24.12.2024
58	Mansi (20EE21J15019)	CSIR-CSIO, Chandigarh (Engineering Sciences)	Umesh Kumar Tiwari (Akash Deep)	Studies on metal-organic frameworks composite electrodes for supercapacitor applications	24.12.2024
59	K. Manjunath (32EE19J15016)	CSIR-CSIO, Chandigarh (Engineering Sciences)	Neha Khatri (Suman Tewary)	Prediction of surface roughness in diamond turning of titanium alloy	24.12.2024
60	Priyanka Prasad (10BB18A10004)	CSIR-CIMAP, Lucknow (Biological Sciences)	Birendra Kumar	Genetic improvement of peppermint (<i>Mentha Piperita</i> L.) using gamma irradiation-induced variability for biomass, oil yield and quality attributes	24.12.2024
61	Packiyalakshmi P (20EE18A05014)	CSIR-CECRI, Karaikudi (Engineering Sciences)	N. Kalaiselvi (M. Sathish)	Custom designed electrodes and binders for electrochemical energy storage applications	24.12.2024
62	Vandana Sharma (10BB18A37033)	CSIR-IIIM, Jammu (Biological Sciences)	Deepika Singh	Dereplication of microbial strains for secondary metabolites using chromatographic and spectrometric techniques	24.12.2024





(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India

63	Sukhleen Kaur (10BB18A37011)	CSIR-IIIM, Jammu (Biological Sciences)	Ajay Singh	Repurposing of existing drugs to target autophagy and NLRP3 inflammasome for treatment of Alzheimer's disease	24.12.2024
64	Neeraj K Gaur (10BB21A26018)	CSIR-NCL, Pune (Biological Sciences)	Kiran Kulkarni	Machine learning assisted design and synthesis of target specific miniprotein binders	24.12.2024
65	Piyush Mishra (10PP20J32004)	CSIR-NPL, New Delhi (Physical Sciences)	Ved Varun Agrawal	Study of engineered planar structures for biomedical applications	24.12.2024
66	Simran Nehra (10PP19A32018)	CSIR-NPL, New Delhi (Physical Sciences)	Anjana Dogra	Engineering to enhance mobility in oxide heterostructures	24.12.2024
67	Ajay Kumar Verma (10PP18A32017)	CSIR-NPL, New Delhi (Physical Sciences)	Bhasker Gahtori (S.R. Dhakate)	Development of TiCoSb-based half-heusler materials for thermoelectric applications	24.12.2024
68	Kamma Yogendra (10CC18A18018)	CSIR-IICT, Hyderabad (Chemical Sciences)	T. Venkateshwar Rao	Design of mixed metal oxide catalysts for selective oxidation reactions	24.12.2024
69	Indla Nageswaramalleswara Rao (10CC18A18015)	CSIR-IICT, Hyderabad (Chemical Sciences)	A.V. Sesha Sainath	Synthesis and characterization of fluoro segmented macromolecular architectures by RAFT polymerization method and their applications	24.12.2024
70	Nitisha Sendri (10CC20J33032)	CSIR-IHBT, Palampur (Chemical Sciences)	Pamita Bhandari	Phytochemical investigation of commercially important polyphenols from <i>Rhododendron arboreum</i> Sm.	24.12.2024
71	Inderjeet Chauhan (10CC18A26057)	CSIR-NCL, Pune (Chemical Sciences)	Chinnakonda S. Gopinath	Energy conversion through photo-electrocatalysis and electrocatalysis to value-added products from simulated seawater and biomass components	24.12.2024
72	Rothish R. Nair (10CC21J39004)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Prathish K.P.	Development of functionalized clay based modular sorbent systems for remediation of selected oxy-anionic contaminants from water resources	24.12.2024
73	Tarade Komal Pratap (10CC20A26051)	CSIR-NCL, Pune (Chemical Sciences)	Sanjay P. Kamble (Chandrashekhar V. Rode)	Design of novel, heterogeneous catalysts for transformation of bioderived platform molecules to chemicals and fuels	24.12.2024
74	Chennam Ramu (10CC21J18006)	CSIR-IICT, Hyderabad (Chemical Sciences)	G. Sudhakar	Innovative methods for synthesizing APIs and key intermediates: Ledipasvir, (±)-clopidogrel, and SGLT2 inhibitors	24.12.2024
75	Manoj (10CC20J32014)	CSIR-NPL, New Delhi (Chemical Sciences)	Bhanu Pratap Singh	Floating catalyst chemical vapor deposition derived oriented carbon nanotube sheets: optimization and applications	24.12.2024
76	Tithi Bhattacharyya (10BB20J18065)	CSIR-IICT, Hyderabad (Biological Sciences)	Rajkumar Banerjee	Glucocorticoid receptor-targeted anti-cancer drug delivery systems and the study of their immunotherapeutic property	30.12.2024





(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India

77	Tanima Mandal (10BB19A17020)	CSIR-IICB, Kolkata (Biological Sciences)	Amit Kumar Srivastava	Understanding and targeting translesion DNA synthesis in lung cancer	30.12.2024
78	Devendra Shukla (10BB19A17001)	CSIR-IICB, Kolkata (Biological Sciences)	Amit Kumar Srivastava	Deciphering the role of miR-379-5p in ovarian cancer progression and chemoresistance	30.12.2024
79	Roopasree O. J (10BB17A39024)	CSIR-NIIST, Thiruvananthapuram (Biological Sciences)	Jayamurthy P. (Shobi Veleri)	Molecular characterization of the functional C2 domain in CC2D2A associated with ciliopathy	30.12.2024
80	Mawale Kiran Suresh (10BB18A08015)	CSIR-CFTRI, Mysore (Biological Sciences)	Giridhar Parvatam	Nanoparticle-mediated modulation of phenylpropanoid pathway metabolites and antioxidant responses in chilli	30.12.2024
81	Sivakumar P (10BB19J03025)	CSIR-CCMB, Hyderabad (Biological Sciences)	Imran Siddiqi (Mukesh Lodha)	Sporophyte directed gametogenesis via the ubiquitin proteasome system in <i>Arabidopsis</i>	30.12.2024
82	Ajay Kumar (10PP19A26045)	CSIR-NCL, Pune (Physical Sciences)	Rajesh V. Kanawade	Blood oxygenation monitoring for diabetic foot ulceration detection using fiber probe-based diffuse reflectance spectroscopy	30.12.2024
83	Pooja Yadav (10CC20J32020)	CSIR-NPL, New Delhi (Chemical Sciences)	Tuhin Kumar Man- dal	Study of surface ozone and its precursors in relation with ozone production efficiency over Delhi, India	30.12.2024
84	Subhasmita Panda (10CC19J36002)	CSIR-IMMT, Bhubaneswar (Chemical Sciences)	R Boopathy (Trupti Das)	Oxidative potential of fine ambient aerosols: role of chemical species and emission sources	30.12.2024
85	Amrita Singh (10CC19J22001)	CSIR-IITR, Lucknow (Chemical Sciences)	Satyakam Patnaik (Debabrata Ghosh)	Design and synthesis of micro and nano extended release systems of imidacloprid for enhanced efficacy against <i>Aphis craccivora</i> and their safety evaluation	30.12.2024
86	Krishnakumar K. A. (10CC18J39003)	CSIR-NIIST, Thiruvananthapuram (Chemical Sciences)	Ravi Shankar Lankalapalli	Development of novel synthetic strategies for iminosugar-based glycomimetics	30.12.2024
87	Christy P George (10CC20A26056)	CSIR-NCL, Pune (Chemical Sciences)	Rajesh G Gonnade	Enhancement of the biopharmaceutical properties of APIs through the development of novel solid phases	30.12.2024
88	Pratheusa Machha (10BB18A03006)	CSIR-CCMB,Hyderabad (Biological Sciences)	K. Thangaraja (Divya Tej Sowpati)	Endogamy and high prevalence of deleterious mutations in India: evidence from strong founder events	30.12.2024
89	Javvaji Kalpana (10BB18A18061)	CSIR-IICT, Hyderabad (Biological Sciences)	Sunil Misra (P. Nagaprasad)	Synthesis of lipid-based and CaCO3-based nanoformulations as cancer therapeutics	30.12.2024





AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad – 201002, U.P., India

90	Kona Venkata Swathi (10BB19J18007)	CSIR-IICT, Hyderabad (Biological Sciences)	Shasi Vardhan Kalivendi	Exploring the role of altered expression of ubiquitin specific proteases USP18 and USP10/13 in the progression of glioblastoma	30.12.2024
91	Gitasree Borah (10BB19A38014)	CSIR-NEIST, Jorhat (Biological Sciences)	Siddhartha Proteem Saikia (Saikat Haldar)	A study on metabolite and sensory profiling, post-harvest drying and phytotoxic activity of essential oil from spiny coriander (<i>Eryngium foetidum</i> L.)	30.12.2024
92	Saumya Johri (10BB18A02014)	CSIR-IGIB, New Delhi (Biological Sciences)	Soumya Sinha Roy (Krishnendu Chakraborty)	To study the role of mitochondrial DAMPs in influencing acute lung injury	30.12.2024
93	Harshit Vaish (10BB19J03019)	CSIR-CCMB,Hyderabad (Biological Sciences)	Swasti Raychaudhuri	Role of membranes in stress signaling and protein homeostasis	30.12.2024
94	Devtulya Chander (10BB18A37013)	CSIR-IIIM, Jammu (Biological Sciences)	Asha Chaubey	Isolation, characterization and production of serratiopeptidase from Serratia marcescens AD-W2	30.12.2024
95	Pragya Gupta (10BB19J02009)	CSIR-IGIB, New Delhi (Biological Sciences)	Sivaprakash Ramalingam	Deciphering the regulatory landscape of fetal hemoglobin in β -globin gene cluster for disease intervention	30.12.2024
96	Neelam Gupta (10BB19J04052)	CSIR-CDRI, Lucknow (Biological Sciences)	Durga Prasad Mishra	Studies on mechanism of drug resistance in cancer	30.12.2024
97	Aishwarya Rajlaxmi (10BB18A33014)	CSIR-NPL, New Delhi (Biological Sciences)	Manoj Kumar	Assessment of potential distribution of <i>Taxus</i> species and its carbon sequestration potential at Indian Himalayan Region	30.12.2024
98	Dayanidhi Singh (10BB18J02003)	CSIR-IGIB, New Delhi (Biological Sciences)	Bhavna Prahser (Sivaprakash Ramalingam & Mitali Mukerji)	Exploring the molecular machinery of hypoxia sensing and response pathways using prakriti-specific cellular models	30.12.2024
99	Deepak Kumar (10BB17A04010)	CSIR-CDRI, Lucknow (Biological Sciences)	Jayanta Sarkar	Investigating the role of high risk human papilloma virus E5 protein in regulation of cross talk of apoptosis signals between mitochondria and endoplasmic reticulum	30.12.2024
100	Masal Dattatraya Pandurang (10CC18J26013)	CSIR-NCL, Pune (Chemical Sciences)	D. Srinivasa Reddy	Design and synthetic studies to access natural products: tylophorines, kupyaphores and densely substituted furans	31.12.2024
101	R Vinod Kumar (10CC18A26048)	CSIR-NCL, Pune (Chemical Sciences)	Ravindar Kontham	Strategic cascade annulations for the synthesis of sp3-rich oxygen-heterocycles,isolation and structural elucidation of bioactive natural products	31.12.2024
102	G. Chandrasekhar (10CC15A18005)	CSIR-IICT, Hyderabad (Chemical Sciences)	Richa Pandey	Isolation and derivatization of secondary metabolites from selected traditional Indian medicinal plants	31.12.2024





(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India

103	Priya Rana (10BB19A02038)	CSIR-IGIB, New Delhi (Biological Sciences)	Mary Krishna Ekka (Souvik Maiti)	Understanding the role of G-quadruplexes in the regulation of a versatile matricellular protein CCN1	31.12.2024
104	Thakur Priya Gagansingh (10BB18A02007)	CSIR-IGIB, New Delhi (Biological Sciences)	Sivaprakash Ramalingam	Identification of pharmacological small molecules using pathological disease models of Gaucher's disease and GBA associated Parkinson's disease	31.12.2024
105	Ajit Kumar (10BB19A02029)	CSIR-IGIB, New Delhi (Biological Sciences)	Souvik Maiti (Niyati Jain)	Insights into the molecular mechanism of interaction between Helix-12 of HOTAIR IncRNA and hnRNPB1	31.12.2024
106	Soujanya V (10BB18A02029)	CSIR-IGIB, New Delhi (Biological Sciences)	Shantanu Chowdhury	Understanding the extra-telomeric impact of telomeres in stemness	31.12.2024
107	Manju Yadav (10PP19A32020)	CSIR-NPL, New Delhi (Physical Sciences)	M. Saravanan (Bhasker Gahtori)	Synthesis and characterization of chromium disilicide based thermoelectric materials	31.12.2024
108	Saira James (10PP18A29002)	CSIR-NIO, Goa (Physical Sciences)	Supriya Shet Tilvi	Investigation of biomaterial and bioactive molecules from Jellyfish	31.12.2024
109	Manju Bala (10PP18A15006)	CSIR-CSIO, Chandigarh (Physical Sciences)	V D Shivling (Sachin Tyagi)	Studies on spinel ferrite based composites for microwave absorption applications	31.12.2024
110	Saurabh Kumar Saini (10PP19A32043)	CSIR-NPL, New Delhi (Physical Sciences)	Mahesh Kumar (Rajiv Kr. Singh)	Ultrafast dynamics of topological materials: creation of Van der Waals heterostructures & interfaces for photodetector applications	31.12.2024
111	Ankur Rana (10PP19J32018)	CSIR-NPL, New Delhi (Physical Sciences)	Chandra Kant Suman (Ritu Srivastava)	Study of organic-inorganic semiconductor materials for optoelectronic and energy storage applications	31.12.2024
112	Gaikwad Mahesh Dhanajirao (20EE19J01002)	CSIR-CBRI, Roorkee (Engineering Sciences)	Harpal Singh (Suvir Singh)	Response of confined reinforced concrete members subjected to fire	31.12.2024
113	Vaibhav Mittal (20EE19A01001)	CSIR-CBRI, Roorkee (Engineering Sciences)	Manojit Samanta (Debi Prasad Kanungo)	Assessment of seismic response of building for different foundation system considering soil-structure interaction	31.12.2024
114	Deepa Garg (20EE18A15002)	CSIR-CSIO, Chandigarh (Engineering Sciences)	Abhay Sachdev (Ishita Matai)	Development of tragacanth gum based hydrogel composites for biomedical applications	31.12.2024
115	Sonawane Jayesh Ramesh (32EE19A26047)	CSIR-NCL, Pune (Engineering Sciences)	Amol Kulkarni	Design and scale-up of continuous flow reactor for functional materials	31.12.2024





AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India

116	Khan Muzammilanwar Sarfaraz (32EE19A26046)	CSIR-NCL, Pune (Engineering Sciences)	Amol A, Kulkarni	Understanding dynamics of drop formation away from equilibrium and design of continuous flow reactors	31.12.2024
117	Diksha Gariya (20EE18A18047)	CSIR-IICT, Hyderabad (Engineering Sciences)	B. Satyavathi (T. Prathap Kumar)	Carbon negative pathways for resource efficient translation of agro-residues: sustainable initiatives towards green economy	31.12.2024
118	Arti Bhardwaj (10PP18A32023)	CSIR-NPL, New Delhi (Physical Sciences)	Arun Kumar Upadhayaya	Response of ionosphere from lower and upper atmospheric phenomena	31.12.2024
119	Navraj Poudel (10PP18A32036)	CSIR-NPL, New Delhi (Physical Sciences)	Poonam Arora (V.N. Ojha)	Instrumentation for the operation of primary atomic clock and compact time dissemination devices	31.12.2024
120	Guruvandra Singh (10PP19J32022)	CSIR-NPL, New Delhi (Physical Sciences)	Mukesh Jewariya	Synthesis and characterization of metal oxides based nanostructures for terahertz applications	31.12.2024
121	Deepak Sharma (10PP19A32001)	CSIR-NPL, New Delhi (Physical Sciences)	Sanjay Kumar Srivastava	Design and development of thin crystalline silicon solar cell employing effective light trapping schemes	31.12.2024
122	Rahul Choudhury (10CC17A26021)	CSIR-NCL, Pune (Chemical Sciences)	D. Srinivasa Reddy	Total synthesis and stereochemical revision of benzo[g]isochromene stereodiad & design and synthesis of macrocycles inspired by migrastatin and solomonamide	31.12.2024
123	Ghuge Gorakh Hiraman (10CC19J26028)	CSIR-NCL, Pune (Chemical Sciences)	S. Kiran	Design and synthesis of Poly(HydroxyUrethane) hot-melt adhesives from CO2 and bio-based monomers	31.12.2024
124	Ajay Kumar Uprety (10CC20J18004)	CSIR-IICT, Hyderabad (Chemical Sciences)	Ch. Raji Reddy	Development of novel annulation reactions for the synthesis of functionalized spiro-cyclohexadienones and pyridine-N-oxides	31.12.2024
125	Jagadale Sudhir Digambar (10CC20J18012)	CSIR-IICT, Hyderabad (Chemical Sciences)	Sidhanath V. Bhosale	Design and synthesis of organic π-conjugated & polymeric materials based on rylenediimide and quinone for energy storage applications	31.12.2024
126	Anjali Rathaur (10CC19A18006)	CSIR-IICT, Hyderabad (Chemical Sciences)	Ch. Raji Reddy	Development of novel annulation approaches to access skeletally diverse sultams	31.12.2024
127	Karna Nair (10CC20J18017)	CSIR-IICT, Hyderabad (Chemical Sciences)	Ch. Raji Reddy	Development of alkyne-assisted annulations towards the synthesis of indolyl - phenols, β-carbolines and spirocyclic-indenes	31.12.2024
128	Arti Devi (10PP21J28004)	CSIR-NGRI, Hyderabad (Physical Sciences)	M. Ravi Kumar (Sunil K Roy)	Imprints of India-Asia collision on the upper mantle deformation beneath the Himalaya and its foredeep	31.12.2024
129	Abhinit Kumar (10BB18A20013)	CSIR-IMTech, Chandigarh (Biological Sciences)	Raman Parkesh	Integrating drug repurposing with derivative optimization for unique antimicrobial discovery	31.12.2024





(An Institution of National Importance by an Act of Parliament)

AcSIR, CSIR-HRDC Campus, Sector - 19, Kamla Nehru Nagar, Ghaziabad - 201002, U.P., India

130	Sheenam Faiz (10BB18A37006)	CSIR-IIIM, Jammu (Biological Sciences)	Dhiraj Vyas	Understanding the dynamics of glucosinolate hydrolysis products in plant-insect interactions in <i>Lepidium latifolium</i> L.	31.12.2024
131	Anjali (10BB18A04002)	CSIR-CDRI, Lucknow (Biological Sciences)	Raj Kamal Tripathi	Antibody response to human POTE protein, POTEE in mice and its role in the early detection of malignant cells	31.12.2024
132	Mamindlapelli Naveen Kumar (10BB20A18005)	CSIR-IICT, Hyderabad (Biological Sciences)	A. Gangagni Rao	Enhanced methane yield from lignocellulosic biomass: optimization of process strategies and unravelling microbial diversity	31.12.2024
133	Aasif Majeed Bhat (10BB17J37010)	CSIR-IIIM, Jammu (Biological Sciences)	Qazi Parvaiz Hassan	Exploration of actinomycetota diversity and Streptomyces bioevaluation from North Western Himalaya: multiomics insights into potential species	31.12.2024
134	Shinde Bhagatsing Devidas (10CC20J33038)	CSIR-IHBT, Palampur (Chemical Sciences)	Pamita Bhandari	Phytochemical investigation of <i>Juglans regia</i> L. and <i>Carya illnoinensis</i> (Wangenh) K. Koch for biological activity	31.12.2024
135	Muhammad Zohib (10BB17A04018)	CSIR-CDRI, Lucknow (Biological Sciences)	Ashish Arora	Characterization of stability and structures of early endocytosis related rab proteins of <i>Leishmania donovani</i>	31.12.2024
136	Gangumala Srinivas Reddy (10BB19J03029)	CSIR-CCMB, Hyderabad (Biological Sciences)	Puran Singh Sijwali	Investigation of the roles of vacuole membrane protein 1 in apicomplexan parasites <i>Plasmodium falciparum</i> and <i>Toxoplasma gondii</i>	31.12.2024
137	Anjali Chaudhary (10BB18A33012)	CSIR-IHBT, Palampur (Biological Sciences)	Kunal Singh	Insight on apical bud transition from dormant to differentiated stage in Crocus sativus L.	31.12.2024
138	Shiv Shankar Gupta (10CC20J33037)	CSIR-IHBT, Palampur (Chemical Sciences)	Upendra Sharma	C(sp²)-H bond functionalization of N-heterocycles	31.12.2024
139	Rahul Bhat (10BB20J37023)	CSIR-IIIM, Jammu (Biological Sciences)	Saurabh Saran (Inshad Ali Khan)	Inhibition of MdeA efflux pump of Staphylococcus aureus; an approach to improve the bio-efficacy of mupirocin	31.12.2024
140	Swetapadma Majhi (10BB18J04028)	CSIR-CDRI, Lucknow (Biological Sciences)	Kalyan Mitra	Elucidation of the cell death pathways triggered by potential anti- leishmanial agents of the naphthoquinone class	31.12.2024
141	Sangita Paul (10BB18A02025)	CSIR-IGIB, New Delhi (Biological Sciences)	Binukumar B.K.	Molecular mechanism of CDK5-mediated cognitive impairment in type 2 diabetes	31.12.2024
142	Abhishek Nirwan (10BB18J04001)	CSIR-CDRI, Lucknow (Biological Sciences)	Durga Prasad Mishra	Targeting angiogenesis in liver fibrosis	31.12.2024
143	Ashish Sarkar (10BB21J02003)	CSIR-IGIB, New Delhi (Biological Sciences)	Sagarika Biswas	Elucidating the role of α-taxilin in rheumatoid arthritis pathophysiology	31.12.2024





(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, गाजियाबाद - 201002. उ.प्र., भारत

144	Gurpreet Sandhu (10BB18A25005)	CSIR-NBRI, Lucknow (Biological Sciences)	Prabodh K Trivedi	Functional characterization of gene(s) responsive to arsenic stress under limiting sulphur condition in Arabidopsis	31.12.2024
145	Shalini Singh (20EE18A15013)	CSIR-CSIO, Chandigarh (Engineering Sciences)	Umesh K Tiwari	Luminescent detection of heavy metals with antibody and nucleic acid functionalized metal-organic framework and their thin films	31.12.2024
146	Neelam Kumari (10CC15A43006)	CSIR-CIMFR, Dhanbad (Chemical Sciences)	Sujan Saha (Sudipta Datta)	Study of gasification kinetics of petcoke-coal and petcoke-biomass binary blends	31.12.2024
147	Sharmeen Ishteyaque (10BB18A04021)	CSIR-CDRI, Lucknow (Biological Sciences)	Madhav Nilakanth Mugale	Implication and regulation of CYP2E1 in hepatocarcinogenesis	31.12.2024
148	Ghadamode Vikas Dnyaneshwar (10PP19A28028)	CSIR-NGRI, Hyderabad (Physical Sciences)	Anand Kumar Pandey (Kirti Srivastava)	Tsunami modeling of Andaman Islands using remote sensing and GIS techniques	31.12.2024
149	Nandini Pathak (10CC20J10013)	CSIR-CIMAP, Lucknow (Chemical Sciences)	Arvind Singh Negi	Development of dioscin, diosgenin and gallic acid based anticancer and antibacterial agent	31.12.2024

Associate Director, Academic

Copy to:

- 1. The Chairman, BoG, AcSIR
- 2. The Vice-chairperson, BoG AcSIR and Director General, CSIR
- 3. The Director and Associate Directors, AcSIR
- The Directors of all CSIR institutes & ICMR institutes and other AcSIR affiliated research institutes
- The Deans and Associate Deans, AcSIR
- The Coordinators, AcSIR
- 7. AcSIR Students enlisted in the notification
- 8. The Vice Chancellors of Universities
- 9. The Registrars of all Institutions of National Importance
- 10. The Secretary, Association of Indian Universities, AIU House, 16-Kotla Marg, New Delhi for University News
- 11. Association of Commonwealth Universities
- 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

