



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)-2023

Dated: May 18, 2023

NOTIFICATION

It is notified for all concerned that, the Chairman, Senate, Academy of Scientific and Innovative Research (AcSIR) dated 18.05.2023, has approved the notification for award of the Ph.D degree of the following students in the months January to April 2023

Sl. No.	Registration Number	Name	AcSIR Academic Centre	Faculty	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	10BB17A39027	Meera Christopher	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Rajeev Kumar Sukumaran	Deciphering hypercellulolysis in <i>Penicillium janthinellum</i> NCIM 1366: Genome, transcriptome and proteome studies	03.01.2023
2	20EE17J24004	SHARANAG OUDA	CSIR-NAL, Bangalore	Engineering Sciences	CM Manjunatha	Damage tolerance evaluation of nickel based super alloys under spectrum loads	04.01.2023
3	20EE16J15005	Manisha Sharma	CSIR-CSIO, Chandigarh	Engineering Sciences	Suman Singh	Investigation of biocompatible nanomaterials for orthopedic applications	04.01.2023
4	30EE14A41011	Sonu Kumar	CSIR-SERC, Chennai	Engineering Sciences	C. Sethuraman	Design and development of smart controller for monitoring the performance of solar-wind hybrid system and simulation studies for size optimisation	04.01.2023

5	10BB17A04021	Sushmita Singh	CSIR-CDRI, Lucknow	Biological Sciences	Akhilesh Kumar Tamrakar	Investigating the role of NLRP3 inflammasome in fructose induced peripheral insulin resistance	09.01.2023
6	10BB17A18045	Manupati Hemalatha	CSIR-IICT, Hyderabad	Biological Sciences	S Venkata Mohan	Self-sustainable photo-biorefinery for closed loop production of biobased products	11.01.2023
7	10BB15A02013	Gaura Chaturvedi	CSIR-IGIB, New Delhi	Biological Sciences	Bhavana Prasher	Identification of multi-omic signatures that govern inter-individual variability in antiviral immune response amongst healthy individuals using ayurgenomics approach	11.01.2023
8	10CC17A18024	Nagender Thadem	CSIR-IICT, Hyderabad	Chemical Sciences	Saibal Das	Metal-free novel approaches for the synthesis of pyrrolidine based fused polyheterocyclic new scaffolds and improvised routes to synthetic nicotines	11.01.2023
9	10CC19J12002	Saikat Bolar	CSIR-CMERI, Durgapur	Chemical Sciences	Tapas Kuila	Development of molybdenum disulphide based electrocatalyst for hydrogen evolution reaction in acidic and alkaline medium	11.01.2023
10	10CC19J10001	Shubham Srivastav	CSIR-CIMAP, Lucknow	Chemical Sciences	C S Chanotiya	Chemical investigation of some commercially important aromatic plants of lamiaceae family	11.01.2023
11	10CC17J18013	Kajare Roshan Chandrakant	CSIR-IICT, Hyderabad	Chemical Sciences	Raji Reddy Chada	Development of synthetic strategies to pyrrolo-indoles, [1,2]-oxazines and benzo-fluorenones via alkyne-assisted annulations	11.01.2023

12	20EE16J12001	Puja Mitra	CSIR-CMERI, Durgapur	Engineering Sciences	Samik Dutta	Study of size-based isolation and detection of circulating tumour cells (cancer cells) using microfluidics and image processing	11.01.2023
13	10CC17A18035	Wadekar Ketan Bhimrao	CSIR-IICT, Hyderabad	Chemical Sciences	Ch. Raji Reddi	Development of novel approaches for the synthesis of benzocoumarins, phenanthridines and benzofurans	16.01.2023
14	10BB17A37007	Aadil Qadir Bhat	CSIR-IIIM, Jammu	Biological Sciences	Mohd Jamal Dar	Characterization of allosteric inhibitor binding pocket in IGF1R and identification of critical amino acids involved in regulating kinase activity of IGF1R	16.01.2023
15	10BB17A27016	Deepak Panchal	CSIR-NEERI, Nagpur	Biological Sciences	Sukdeb Pal	Synthesis of metal-based multifunctional nanomaterials for projected applications in water treatment	16.01.2023
16	10BB18A39031	Nayana N.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Nisha P.	Encapsulation of edible lipids for functional food applications: process development and characterization	16.01.2023
17	10CC18J10011	Madhuri Gupta	CSIR-CIMAP, Lucknow	Chemical Sciences	Prasanta Kumar Rout	Valorization of <i>Boswellia serrata</i> oleo-gum resin	17.01.2023
18	20EE16J15013	Tarandeep Singh	CSIR-CSIO, Chandigarh	Engineering Sciences	Neerja Garg	Non-destructive quality evaluation of Barley using Near-infrared Hyperspectral Imaging	17.01.2023
19	10CC17A18013	Vankudoth Ramesh	CSIR-IICT, Hyderabad	Chemical Sciences	Praveen Kumar Reddy	Visible-light-induced functionalization of heterocycles and total synthesis of sesquiterpenoid Phellilane L	17.01.2023

20	10PP17A32008	Neha Bura	CSIR-NPL, New Delhi	Physical Sciences	Nita Dilawar Sharma	Structural investigations on rare earth oxides & scandates under extreme conditions of pressure and temperature	17.01.2023
21	10BB15A33005	Shudh Kirti Dolma	CSIR- IHBT, Palampur	Biological Sciences	S.G. Eswara Reddy	Insecticidal activities of <i>Triadica sebifera</i> (L.) small against selected insect pests	18.01.2023
22	10BB16J26027	Mohole Madhura Satish	CSIR-NCL, Pune	Biological Sciences	Durba Sengupta	Decoding lipid protein interplay: molecular view of neuronal GPCR dynamics and organization	18.01.2023
23	10BB17J33006	Kajal Sinha	CSIR- IHBT, Palampur	Biological Sciences	Yogendra Shantaram Padwad	Elucidation of the mechanistic role of kutkin in the therapeutic management of type 2 diabetes mellitus	18.01.2023
24	10BB17A18044	J Shanthi Sravan Kumar	CSIR-IICT, Hyderabad	Biological Sciences	S Venkata Mohan	Interspecies syntropy in microbial electrochemical system - regulating electron flux towards energy/chemical s synthesis and metal recovery	19.01.2023
25	10BB16J37009	Nitika Kapoor	CSIR-IIIM, Jammu	Biological Sciences	Sumit Gandhi	Transcriptome analysis and bioactivity evaluation of <i>Dysoxylum</i> <i>gotadhora</i> and its endophytes	19.01.2023
26	20EE14A24005	S. Koilraj Jebakumar	CSIR-NAL, Bangalore	Engineering Sciences	Abhay Pashilkar	Control design for carefree maneuvers in high performance Fighter Aircraft	19.01.2023
27	10CC17J18011	Thopate Satish Bhausahab	CSIR-IICT, Hyderabad	Chemical Sciences	Rambabu Chegondi	The stereoselective desymmetrization of α , β - unsaturated carbonyl- tethered prochiral- cyclohexadienones via cascade cyclization.	19.01.2023



28	10CC17J17004	Kartic Manna	CSIR-IICB, Kolkata	Chemical Sciences	Ranjan Jana	Development of novel methodologies for carbon-carbon and carbon-heteroatom bond formation	19.01.2023
29	10CC19J11001	David Dayanidhi P	CSIR-CLRI, Chennai	Chemical Sciences	V. G. Vaidyanathan	Recognition of DNA damage by transition metal complexes	23.01.2023
30	10BB16A36001	Rojali Maharana	CSIR-IMMT, Bhubaneswar	Biological Sciences	N.K. Dhal	Development of phosphorus rich organomineral fertilizer and effects on plant growth	24.01.2023
31	10BB19A04005	Prince Joshi	CSIR-CDRI, Lucknow	Biological Sciences	Renu Tripathi	Exploration of host/parasite directed therapies to combat experimental Cerebral Malaria	31.01.2023
32	10CC17J18006	K. Sanjeev	CSIR-IICT, Hyderabad	Chemical Sciences	Chandrasekhar Srivari	Development of aryne triggered strategies to skeletal-diverse scaffolds of malabaricol and cycloalkyl-fused naphthalenes	31.01.2023
33	20EE14J18084	Beneyaz Ara Begum	CSIR-IICT, Hyderabad	Engineering Sciences	Raji Reddy Chada	Fault-tolerant data aggregation scheduling in wireless sensor networks	30.01.2023
34	10PP18A32056	Bal Govinda	CSIR-NPL, New Delhi	Physical Sciences	V.P.S. Awana	Investigation of structural and magnetic properties of half and full-heusler based magnetic materials	30.01.2023
35	20EE18A16016	Bhaumik Sutariya	CSIR-CSMCRI, Bhavnagar	Engineering Sciences	Hiren Dinkarray Raval	Effects of hydrodynamics on membrane performance in pressure-assisted membrane-based separation processes	30.01.2023



36	20EE16J24004	Bharadwaja Yathirajam	CSIR-NAL, Bangalore	Engineering Sciences	S.M. Vaitheeswaran	Computationally efficient on-board vision-inertial navigation for obstacle detection and avoidance of unmanned autonomous systems	06.02.2023
37	10CC16A32024	Kuldeep Kumar Garg	CSIR-NPL, New Delhi	Chemical Sciences	Rajiv Kumar Singh	Synthesis of carbon based 2D-Nanomaterial from solid waste for energy conversion & storage applications	06.02.2023
38	10CC18A18033	Medishetti Nagaraju	CSIR-IICT, Hyderabad	Chemical Sciences	Krishnaiah Atmakur	Novel strategies for synthesis of pyridine fused heterocycles & transformation of 4H-chromenes into dihydrobenzofurans	06.02.2023
39	10BB16A33014	Anil Kumar Rana	CSIR-IHBT, Palampur	Biological Sciences	Damanpreet Singh	Investigating the efficacy of selected Gsk-3 pathway modulators in cerebral stroke model of ovariectomized rats	06.02.2023
40	10BB17A25004	Avriti Ranjan	CSIR-NBRI, Lucknow	Biological Sciences	Prabodh Kumar Trivedi	Functional characterization of stress responsive galactinol synthase, AtGolS1, under arsenic stress in Arabidopsis thaliana	06.02.2023
41	10BB17J39008	Reshmitha T. R.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Nisha P.	Nutraceutical potential of lycopene in management of oxidative stress mediated disease conditions	06.02.2023
42	10BB16A39019	Rajesh R. O.	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Binod Parameswaran	Whole cell and cell-free synthesis of 2,5-furandicarboxylic acid from pineapple waste	06.02.2023



43	10BB17J08003	Dhanamjai Penta	CSIR-CFTRI, Mysuru	Biological Sciences	Syed Musthapa M	Combinatorial epigenetic approach against triple-negative breast cancer	06.02.2023
44	32EE15A31003	Biraj Kumar Sahoo	CSIR-NML, Jamshedpur	Engineering Sciences	Sandip Ghosh Chowdhury	Process, microstructure and deformation behavior of Al and Ni added medium-Mn steels	06.02.2023
45	10BB17A04011	Grace Kaul	CSIR-CDRI, Lucknow	Biological Sciences	Sidharth Chopra	Detailed biological characterization of a novel, broad spectrum, antibacterial lipopeptide and repurposing of nitazoxanide as an antibacterial	07.02.2023
46	10CC18J05006	Bhojanaa K B	CSIR-CECRI, Karaikudi	Chemical Sciences	A. Pandikumar	Exploring efficient photoanode materials for dye-sensitized solar cells	12.02.2023
47	20EE19J01004	Nishant Raj Kapoor	CSIR-CBRI, Roorkee	Engineering Sciences	Ashok Kumar	Prediction of viral transmission probability in buildings	14.02.2023
48	20EE15A12001	Arjita Das	CSIR-CMERI, Durgapur	Engineering Sciences	Sudip Kumar Samanta	Fiber Bragg Grating based sensor system for monitoring Uniform Spark Gap across multi tools in Parallel spark Micro-EDM	14.02.2023
49	10BB17J38007	Shashanka Sonowal	CSIR-NEIST, Jorhat	Biological Sciences	Natarajan Velmurugan	Characterization of <i>Paris polyphylla</i> and its associated endophytic bacteria for crop production in Arunachal Pradesh	14.02.2023
50	10BB17A33012	Chandni Sharma	CSIR-IHBT, Palampur	Biological Sciences	Amitabha Acharya	Functional fluorescent nanomaterials: synthesis, characterization and evaluation of their imaging and therapeutic potential	14.02.2023



51	10BB17A08013	Arpita Das	CSIR-CFTRI, Mysuru	Biological Sciences	Ramaprasad T.R.	Cereal and herbal based functional food and its hypoglycemic effect on molecular targets	14.02.2023
52	10BB18A37001	Ravi Singh	CSIR-IIIM, Jammu	Biological Sciences	Asha Chaubey	Isolation, characterization, production and bioactive potential of setomimycin from <i>Streptomyces</i> sp. RA-WS2	14.02.2023
53	10BB18J37002	Sumera Banoo Malik	CSIR-IIIM, Jammu	Biological Sciences	Dilip M Mondhe	Evaluation of new analogues of colchicine for their anticancer activity	14.02.2023
54	10CC18A16008	Harwinder Singh	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Sumit Kumar Pramanik	Molecular probe and nano-structured material as organelle specific imaging reagents	23.02.2023
55	10CC17A26012	Jogdand Shunottara Milind	CSIR-NCL, Pune	Chemical Sciences	R. Nandini Devi	Ceramic and composite membranes for separation and catalysis	23.02.2023
56	10CC17J17005	Sumit Das	CSIR-IICB, Kolkata	Chemical Sciences	Indu Bhusan Deb	Development of novel approaches for the synthesis of densely functionalized diarylmethanes via metal-free direct carbon-carbon and carbon-heteroatom bond forming reactions	23.02.2023
57	10CC17J26016	Nidhankar Aakash Deepakrao	CSIR-NCL, Pune	Chemical Sciences	Santhosh Babu Sukumaran	Organic room-temperature phosphorescent and thermally activated delayed fluorescent small molecules: Efficiency Vs Processability for lighting application	23.02.2023



58	10PP16A32016	Sadaf Fatima	CSIR-NPL, New Delhi	Physical Sciences	Sumit Kumar Mishra	Physico- chemical properties of atmospheric aerosols: Implications to human health	23.02.2023
59	20EE18J27005	Ashutosh Kumar Mishra	CSIR- NEERI, Nagpur	Engineering Sciences	Paras Ranjan Pujari	Optimum water requirement study for orange orchards using in-situ measurements in Central India	23.02.2023
60	10CC16A38004	Gauri Duarah	CSIR- NEIST, Jorhat	Chemical Sciences	Sanjib Gogoi	Studies on metal-catalyzed synthesis of spiro-pentacyclic naphthalenones, pyrido quinazolinones and cinnolines	23.02.2023
61	10BB16J08002	Sallaram Sindhoora	CSIR- CFTRI, Mysuru	Biological Sciences	P. Vijayanand	Characterization of bioactive compounds from <i>Capparis zeylanica</i> fruit in attenuation of dyslipidemia and development of health beverage formulation	23.02.2023
62	10BB16A33013	Neeraj Kumar	CSIR- IHBT, Palampur	Biological Sciences	Vishal Acharya	Advancement in virtual screening, drug repositioning approaches leveraging machine intelligence and deep learning frameworks	23.02.2023
63	10BB17J11002	Asuma Janeena	CSIR- CLRI, Chennai	Biological Sciences	N. Ayyadurai	Ribosomal synthesis of genetically encoded congener proteins for biotechnological applications	24.02.2023
64	10BB17A33013	Ashish Kumar Shukla	CSIR- IHBT, Palampur	Biological Sciences	Amitabha Acharya	Functional carbon nanomaterials and their conjugates: synthesis, characterization and biological applications	24.02.2023
65	10CC18J32010	Naghma Khan	CSIR-NPL, New Delhi	Chemical Sciences	N. Vijayan	Synthesis and intrinsic studies on optical single crystals for nonlinear optical applications	24.02.2023

66	10PP17J32004	Amit Kumar Mauraya	CSIR-NPL, New Delhi	Physical Sciences	M. Senthil Kumar	Preparation and characterization of junction-engineered metal oxide based gas sensors for CO detection	01.03.2023
67	30EE15A06005	Gaikwad Bipin Jairaj	CSIR-CEERI, Pilani	Engineering Sciences	Abhijit Karmakar	Multi-person tracking and search for smart surveillance over distributed cameras using deep learning algorithms	01.03.2023
68	20EE17A36010	Yamini Mittal	CSIR-IMMT, Bhubaneswar	Engineering Sciences	Asheesh K Yadav	Design and development of biotechnological processes for treating selected pollutants of the aqueous environment	01.03.2023
69	10BB14A08002	Kajal Kiran	CSIR-CFTRI, Mysuru	Biological Sciences	Neelakanteshwara Patil	Understanding the functional attributes of foodborne pathogen, <i>Staphylococcus aureus</i> RecA protein in homologous recombination and antibacterial resistance	01.03.2023
70	10BB16A02012	Nishu Tyagi	CSIR-IGIB, New Delhi	Biological Sciences	Mohammed Faruq	To study the role of rare and novel tandem nucleotide repeat expansion in neurodegeneration	01.03.2023
71	10BB16A02003	Anasuya Bhargava	CSIR-IGIB, New Delhi	Biological Sciences	S. Ramachandran	Identification of inhibitors for <i>Mycobacterium tuberculosis</i> dihydrodipicolinate synthase and computational data mining of newly emerging therapeutics for antimicrobial resistance	01.03.2023
72	20EE17J15006	Amit Pandey	CSIR-CSIO, Chandigarh	Engineering Sciences	Samir K. Mondal	Optical fiber axicon tip packaging and Bessel beam interferometry for refractometer development	02.03.2023



73	10BB16A18067	Reddi Bharati	CSIR-IICT, Hyderabad	Biological Sciences	Anthony Addlagatta	Biochemical, structural and inhibitor discovery studies against some microbial and SARS-CoV-2 drug target enzymes	02.03.2023
74	10BB16A02015	Rohit Yadav	CSIR-IGIB, New Delhi	Biological Sciences	Chetana Sachidanandan	To identify small molecule modulators of liver damage and disease	16.03.2023
75	10BB15A02037	Tahseen Abbas	CSIR-IGIB, New Delhi	Biological Sciences	Debasis Dash	Elucidating the role of genetic variations in defining inter-individual variability in healthy individuals: an ayurgenomics approach	16.03.2023
76	10BB15J22003	Poorwa Awasthi	CSIR-IITR, Lucknow	Biological Sciences	Amit Kumar	Dissecting the role of nuclear phosphoinositide PI4,5P2 in transcriptional regulation following DNA damage	16.03.2023
77	10BB17J37001	Shipra Bhatt	CSIR-IIIM, Jammu	Biological Sciences	Utpal Nandi	Unraveling the role of plant-based natural products in modulating pharmacokinetics and toxicity of drugs involving cytochrome P450 enzymes	17.03.2023
78	10BC19J04046	Vijaya Shukla	CSIR-CDRI, Lucknow	Chemical Sciences	Sanjeev Kanojiya	Phytochemical investigation of selected medicinal plants using LC-MS and their biological evaluation	17.03.2023
79	10CC17A37024	Riyaz Ahmed	CSIR-IIIM, Jammu	Chemical Sciences	Parvinder Pal Singh	Exploring s-Trichlorotriazine (TCT) for its synthetic and medicinal chemistry applications	17.03.2023
80	10CC15J26019	Kumar S	CSIR-NCL, Pune	Chemical Sciences	K Krishnamoorthy	Heteroatom doped materials for Li-S battery applications	17.03.2023

81	10BB18J37001	Vijay Lakshmi Jamwal	CSIR-IIIM, Jammu	Biological Sciences	Sumit G Gandhi	Changes in metabolites, metabolic pathway genes and associated microflora during development of <i>Coleus forskohlii</i>	17.03.2023
82	10BB19J27002	Prachi Goyal	CSIR-NEERI, Nagpur	Biological Sciences	S.K.Goyal	Development of land-use based integrated model for effective air quality management	17.03.2023
83	10CC19A37046	Neha Chalotra	CSIR-IIIM, Jammu	Chemical Sciences	Bhahwal Ali Shah	Exploration of reactive behaviour of vinylic radicals emanating from alkynes via photoredox catalysis	17.03.2023
84	10CC17J05003	Shivaraju G C	CSIR-CECRI, Karaikudi	Chemical Sciences	A S Prakash	Non-precious electrocatalysts for rechargeable metal-air battery	17.03.2023
85	10CC17A37025	Chetan Kumar	CSIR-IIIM, Jammu	Chemical Sciences	D. Srinivasa Reddy	Phytochemical investigation of medicinal plants and synthetic modification of natural products	17.03.2023
86	10CC18J18008	Malegaonkar Jotiram Nagannath	CSIR-IICT, Hyderabad	Chemical Sciences	Sidhanath Vishwanath Bhosale	Design, synthesis, self-assembly and applications of π -conjugated molecular architecture bearing phosphonate and sulfonate functional groups	17.03.2023
87	10BB16A18072	Sulagna Chatterjee	CSIR-IICT, Hyderabad	Biological Sciences	S Venkata Mohan	Bioprocessing of waste to sugars, fuels and bioformulation in circular biorefinery design	17.03.2023
88	32EE15A32003	Afaqul Zafer	CSIR-NPL, Delhi	Engineering Sciences	Sanjay Yadav	Studies on design and development of dynamic hydraulic pressure measurement system	17.03.2023
89	20EE19J18002	Shalini Basetty	CSIR-IICT, Hyderabad	Engineering Sciences	T. Kumaraguru	Studies in performance of various bioreactors for biotransformations	17.03.2023

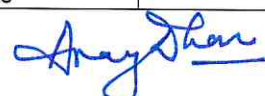
90	10CC19A16013	Naikwadi Dhanaji Rajaram	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Ankush V Biradar	Studies on the reactivity of active methylene compounds towards fine chemicals synthesis using heterogeneous catalysts	17.03.2023
91	10CC17J18007	Kul The Arun Datratray	CSIR-IICT, Hyderabad	Chemical Sciences	Prathama S. Mainkar	Visible-light promoted 1,4-quinone functionalizations and unactivated alkene difunctionalization	17.03.2023
92	10BB16A26044	Gani Kayanat Mahammadta ki	CSIR-NCL, Pune	Biological Sciences	Rahul Bhambure	Designing of an efficient <i>in-vitro</i> refolding strategy for antibody fragments	17.03.2023
93	10CC18A27026	Jaimy Scaria	CSIR-NEERI, Nagpur	Chemical Sciences	Nidheesh P. V	Reduced graphene oxide - magnetite composite as heterogeneous fenton catalysts for the removal of emerging contaminants	17.03.2023
94	10CC17J11001	Ramar P	CSIR-CLRI, Chennai	Chemical Sciences	Debasis Samanta	Synthesis and grafting of conjugated heterocyclic polymers to surfaces	17.03.2023
95	10BB16A18058	Dileepkumar Yeruva	CSIR-IICT, Hyderabad	Biological Sciences	S Venkata Mohan	Plant-microbe-electrode synergy on design and development of hybrid nature based treatment system	17.03.2023
96	10CC17A37023	Salman Jameel	CSIR-IIIM, Jammu	Chemical Sciences	Khursheed Ahmad Bhat	Bioprospecting natural products from <i>Senecio graciliflorus</i> and <i>Salvia sclarea</i>	29.03.2023
97	10BB16J26022	Vidhate Ravindra Popat	CSIR-NCL, Pune	Biological Sciences	Ashok Prabhakar Giri	Molecular characterization of chitinolytic enzymes from <i>Myrothecium verrucaria</i> and its significance in biocontrol of <i>Helicoverpa armigera</i> and plant pathogenic fungi	29.03.2023

98	10BB15A16010	Preeti T Jacob	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Mangal S Rathore	Physiochemical and proteomic analysis of <i>Salicornia brachiata</i> (Roxb.) at different stages of seedling development	29.03.2023
99	10BB17A25002	Adity Majee	CSIR-NBRI, Lucknow	Biological Sciences	Vidhu Aniruddha Sane	Characterization of heat shock transcription factor, SIHSFB3a from tomato (<i>Solanum lycopersicum</i>)	29.03.2023
100	10CC18J05007	Murugan. C	CSIR-CECRI, Karaikudi	Chemical Sciences	A. Pandikumar	Rational design and fabrication of bismuth based photoanodes for photoelectrocatalytic water splitting	29.03.2023
101	10CC17A04027	Mohit Kumar	CSIR-CDRI, Lucknow	Chemical Sciences	Dipankar Koley	Copper catalyzed/mediated C-N bond formation via cross-dehydrogenative coupling: directing group assisted amination, amidation, imidation and sulfoximation to privileged scaffolds	29.03.2023
102	10CC17A19007	Sonu Bhandari	CSIR-IIP, Dehradun	Chemical Sciences	Rajaram Bal	Synthesis of nanostructured catalyst for the selective oxidation of hydrocarbons	29.03.2023
103	10CC17J18009	Yerramsetti Naga Samba Siva Rao	CSIR-IICT, Hyderabad	Chemical Sciences	Chandrasekhar Srivari	Synthetic strategies towards (+)-resiniferatoxin, substituted naphthalenes and spiroindanolactones/lactams	29.03.2023
104	10CC16J39003	Reethu Haridas	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Yoosaf K	Design, synthesis, photophysical and electrochemical characterization of metal free organic dyes for DSSC application	29.03.2023



105	10BB14J08010	Mohmmad Shahabazudin	CSIR-CFTRI, Mysuru	Biological Sciences	S. N. Mudliar	Studies on plant cell wall deconstruction of agro-industrial remnants and bioconversion assessment to value-added product	29.03.2023
106	10BB16A22016	Mohd Imran Ansari	CSIR-IITR, Lucknow	Biological Sciences	Pradeep Kumar Sharma	Bisphenol A-induced epithelial to mesenchymal transition and aggressiveness in breast cancer cells	29.03.2023
107	10BB18A08013	R Dheeran	CSIR-CFTRI, Mysuru	Biological Sciences	Syed Musthapa M	MicroRNA modulations in obesity-associated breast cancer: therapeutic intervention using dietary piperine	29.03.2023
108	10BB15A16011	Sapara Komal Kishorbhai	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Pradeep K. Agarwal	Genetic engineering and characterization of <i>Bacillus subtilis</i> Phytase gene for nutrition improvement in crop plant	29.03.2023
109	10BB16A16008	Shahrukh Abbas Siddiqui	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Mangal Singh Rathore	Proteomic and metabolic evaluation in <i>Kappaphycus alvarezii</i> under hypo- and hyper-saline conditions	29.03.2023
110	10BB17A04001	Abhishek Singh	CSIR-CDRI, Lucknow	Biological Sciences	Sarika Singh	Decrypting the role of E3 ubiquitin ligase Pirh2 in Alzheimer's disease	29.03.2023
111	10BB17A33011	Syed Murtuza Sayeed Abidi	CSIR-IHBT, Palampur	Biological Sciences	Amitabha Acharya	Isolation and characterization of plant based biomaterials and their use as nanocomposites for biological applications	29.03.2023
112	20EE14A15004	Siddhartha Sarkar	CSIR-CSIO, Chandigarh	Engineering Sciences	Bhargab Das	Evolutionary computing approach for earthquake early warning	29.03.2023

113	10BB18A18071	Veeragoni Dileepkumar	CSIR-IICT, Hyderabad	Biological Sciences	M. Srinivasa Rao	Green synthesis of silver nanoparticles from marine seaweeds and their therapeutic applications	29.03.2023
114	10CC18A26017	Vipinraj. K	CSIR-NCL, Pune	Chemical Sciences	Kumar Vanka	Computational studies into Ziegler-Natta catalysis	29.03.2023
115	10BB16J33001	Namo Dubey	CSIR-IHBT, Palampur	Biological Sciences	Kunal Singh	Exploration of TIR-NBS-LRR genes in potato against early blight caused by <i>Alternaria solani</i>	29.03.2023
116	10BB16A02010	Madeeha Ghazi	CSIR-IGIB, New Delhi	Biological Sciences	Vivek T Natarajan	Investigating nuclear and mitochondrial DNA damage and repair responses in melanocytes	20.04.2023
117	10BB16A33009	Meetal Sharma	CSIR-IHBT, Palampur	Biological Sciences	Vishal Acharya	Computational assessment of oxidative stress in cancer interactome for potential therapeutics	24.04.2023
118	10BB17A38022	Deepi Deka	CSIR-NEIST, Jorhat	Biological Sciences	Natarajan Velmurugan	Exploring biotechnological tools for strain improvement in microalgae for enhanced lipid production	24.04.2023
119	10BB16A08007	Lidiya C Johny	CSIR-CFTRI, Mysuru	Biological Sciences	Suresh PV	Antimicrobial compound from microorganism of marine origin and elucidation of their characteristics	24.04.2023
120	10BB15A02012	Diksha	CSIR-IGIB, New Delhi	Biological Sciences	Hemant Kumar Gautam	Biosynthesized nanoparticles and their biomedical applications	24.04.2023
121	10CC16J26018	Priyanka Kataria	CSIR-NCL, Pune	Chemical Sciences	Kontham Ravindar	Studies on the enantioselective total synthesis of diarylheptanoid and furylhydroquinone-derived natural products, and eugenol derivatives as potential antidiabetic agents	24.04.2023



122	10CC18J38009	Shahadev Rabha	CSIR-NEIST, Jorhat	Chemical Sciences	B K Saikia	Physico-chemical properties of atmospheric carbonaceous aerosols: source apportionment and meteorological influence	24.04.2023
123	10CC16A05004	Venkateshwaran S	CSIR-CECRI, Karaikudi	Chemical Sciences	S. Senthil Kumar	Designing various methods in selective formation of 1T phase MoS ₂ for electrocatalytic hydrogen evolution reaction study	24.04.2023
124	10CC17A39012	Vishnu K. Omanakuttan	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Jubi John	Design and development of novel synthetic strategies towards functionalized 3(2H)-furanones	24.04.2023
125	10CC18A18032	Chittala Emmaniel Raju	CSIR-IICT, Hyderabad	Chemical Sciences	Galla Venkata Karunakar	Metal-catalyzed conversion of diynes and triynes: an easy access to 1H-indenones, isobenzofurans, indenone-fused pyrrolo isoquinolines and 1H-isochromene-4-carbaldehydes	24.04.2023
126	10BB18A26027	Prabhu Anuja Janardhan	CSIR-NCL, Pune	Biological Sciences	Mugdha Gadgil	Modulating glycosylation of recombinantly expressed antibody via CHO cell & culture engineering	24.04.2023
127	10CC17A19005	Himani Negi	CSIR-IIP, Dehradun	Chemical Sciences	Raj Kumar Singh	Combating the problems associated with heavy and waxy crude oils	24.04.2023
128	10CC17J32013	Shailesh Kumar yadav	CSIR-NPL, New Delhi	Chemical Sciences	Bhanu Pratap Singh	Carbon nanotube incorporated activated carbon for removal of organic pollutant	24.04.2023



129	10CC17A17007	Ritesh Pal	CSIR-IICB, Kolkata	Chemical Sciences	Sanjay Dutta	Mechanistic investigation of biologically relevant quinoxaline compounds targeting DNA: exploiting antibacterial and antiproliferative activities	24.04.2023
130	10CC17A18012	Amit Gautam	CSIR-IICT, Hyderabad	Chemical Sciences	Ujjwal Pal	Design and synthesis of photocatalysts for chemical energy conversion	24.04.2023
131	10CC19A18009	Mahajan Bhushan Prakash	CSIR-IICT, Hyderabad	Chemical Sciences	Ajay Kumar Singh	Integrated micro-total process manufacturing system (μ -TPM) for synthesis of high value products	24.04.2023
132	10CC17A38013	Firdaus Rahman Gayan	CSIR-NEIST, Jorhat	Chemical Sciences	Biswajit Saha	Catalytic evaluation of redox active metal complexes in organic transformation	24.04.2023
133	10BB18A11002	Kaprekar Pallavi Shyam	CSIR-CLRI, Chennai	Biological Sciences	A. Suresh Kumar	Fabrication and characterization of polymeric hybrid scaffold loaded with plant-based polyphenols as a potential avenue for acute and chronic wound management	24.04.2023
134	10BB15A02004	Akash Kumar Bhaskar	CSIR-IGIB, New Delhi	Biological Sciences	Shantanu Sengupta	A high throughput lipidomics method using <i>scheduled</i> multiple reaction monitoring	24.04.2023
135	10BB16A18076	Sneha H Meshram	CSIR-IICT, Hyderabad	Biological Sciences	Nivedita Sahu	Studies towards bioreduction of pro-chiral ketones and synthesis of novel imidazoles of biological importance	24.04.2023

Anay Shen

136	10CC19J12001	Souvik Ghosh	CSIR-CMERI, Durgapur	Chemical Sciences	Tapas Kuila	Development of nickel chalcogenides-graphitic carbon based hybrid materials for supercapacitor applications	25.04.2023
137	10PP19A32032	Suraj Kumar	CSIR-NPL, Delhi	Physical Sciences	Surinder P. Singh	Molecular dynamics at the interface of aligning substrate and ferroelectric liquid crystal	25.04.2023
138	20EE18A14004	M. Sithananathan	CSIR-CRRI, New Delhi	Engineering Sciences	Ravindra Kumar	Real world driving cycle for motorcycles in Delhi-NCR and admixtures performance evaluation	26.04.2023
139	10BB17J33011	Jyoti Devi	CSIR-IHBT, Palampur	Biological Sciences	Shashi Bhushan	Studies on <i>in vitro</i> adventitious root induction, elucidation of molecular mechanism and naphthoquinone pigment production in <i>Arnebia euchroma</i>	26.04.2023
140	10BB16A22004	Indradev	CSIR-IITR, Lucknow	Biological Sciences	Kausar Mahmood Ansari	Understanding the role of exosomes in Ochratoxin A induced renal toxicity	26.04.2023
141	10BB18A18068	Moumita Chakrabarti	CSIR-IICT, Hyderabad	Biological Sciences	Nishant Jain	Prohibitin1 maintains mitochondrial quality and induces a shift in metabolism in cardiac hypertrophy	26.04.2023
142	10BB16A16009	Patel Monikabehn Pankajbhai	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Asish Kumar Parida	Elucidation of stress tolerance mechanisms and phytoremediation potential of the halophyte <i>Salvadora persica</i> L. under the synergistic effects of salinity and arsenic stress	26.04.2023



143	10BB19A38012	Kikrusenuo Kiewhuo	CSIR-NEIST, Jorhat	Biological Sciences	Garikapati Narahari Sastry	Development of natural product databases and exploring key protein-protein interactions in the prognosis of breast cancer	26.04.2023
144	10CC16A18005	Darsi Dhana Lakshmi	CSIR-IICT, Hyderabad	Chemical Sciences	Nakka Lingaiah	Development of heterogeneous catalysts for the synthesis of fine chemicals and biofuels	26.04.2023
145	10BB17A27019	Vartika Srivastava	CSIR-NEERI, Nagpur	Biological Sciences	M Suresh Kumar	Bioremediation of technical hexachlorocyclohexane (t-HCH) contaminated soil using hybrid reactor system	26.04.2023
146	10BB17A37003	Mudasir Nazir Bhat	CSIR-IIIM, Jammu	Biological Sciences	Bikarma Singh	Studies on floristic composition and medicinal wealth of Lolab and Bungus valleys of district Kupwara (Jammu and Kashmir)	26.04.2023
147	10PP17J39005	Shaiju S. S	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	Biswapriya Deb	Thermochromic vanadium dioxide coatings for energy-efficient dynamic windows	26.04.2023
148	10BB18A37003	Harshita Tiwari	CSIR-IIIM, Jammu	Biological Sciences	Amit Nargotra	Application of computational studies for identification and elucidation of the mode of inhibition of potential inhibitors of <i>Escherichia coli</i> UDP-N-acetylglucosamine enolpyruvyl transferase (MurA) enzyme	26.04.2023
149	10BB19J03022	Mansi Srivastava	CSIR-CCMB, Hyderabad	Biological Sciences	P. Chandra Shekar	The metabolic control of mouse development	26.04.2023

Amy Shari

150	10CC16A26003	Nakate Ashwini Kadaji	CSIR-NCL, Pune	Chemical Sciences	Kontham Ravindar	Lewis acid-catalysed σ and π activation triggered cascade annulation reactions of alkynyl alcohols to construct heterocyclic compounds	26.04.2023
151	10CC15A26007	Pratapure Madhukar Shivaji	CSIR-NCL, Pune	Chemical Sciences	Kontham Ravindar	Studies directed toward the total synthesis of nannocystins, turnagainolides, and construction of 2-ethynyl tetrahydrofurans and pyrans <i>via</i> cascade reactions of alkynols with alkynes	26.04.2023
152	10CC17A11001	Gayathri V	CSIR-CLRI, Chennai	Chemical Sciences	Debasis Samanta	Synthesis and catalytic activities of thermoresponsive organometallic compounds	26.04.2023
153	10CC17J32016	Lokesh Kumar Gangwar	CSIR-NPL, New Delhi	Chemical Sciences	Rajesh	Electro - optical characterization of liquid crystal materials for Bio-medical applications	26.04.2023
154	10CC19A18033	Somnath	CSIR-IICT, Hyderabad	Chemical Sciences	B.V. Subba Reddy	Multi-component approaches for the synthesis of aza-sugars and a novel series of quinolinone derivatives	26.04.2023
155	10BB17J18045	Choudante Pallavi Chandrakant	CSIR-IICT, Hyderabad	Biological Sciences	Sunil Misra	Tin-loaded mesoporous silica nanoparticles (MSN-MP-Sn) as a potent anticancer agent against breast cancer cells and its toxicity studies	26.04.2023
156	10BB15J25008	Narender Kumar	CSIR-NBRI, Lucknow	Biological Sciences	Tikam Singh Rana	Systematic and phylogenetic studies on <i>Betula</i> L. (Betulaceae) in India	26.04.2023



157	32EE14A31005	Saurabh Shekhar	CSIR-NML, Jamshedpur	Engineering Sciences	Kamala Kanta Sahu	Studies on extraction of potash and production of value added materials from Indian glauconite rock	26.04.2023
158	10BB19J18004	Deshpande Shruti Suresh Rao	CSIR-IICT, Hyderabad	Biological Sciences	Sunil Misra	Synthesis of curcumin nanocomposites and their therapeutic evaluation	26.04.2023
159	10BB14A22004	Siddhartha Gangopadhyay	CSIR-IITR, Lucknow	Biological Sciences	Vikas Srivastava	Delineating the role of <i>in utero</i> arsenic exposure in the development of aggravated carcinogenesis in mice: Cellular and epigenetic mechanisms	26.04.2023
160	10BB19A04002	Roshan Ananda Katekar	CSIR-CDRI, Lucknow	Biological Sciences	Jiaur Rahaman Gayen	Nanoformulation approach to enhance bioavailability and therapeutics of poorly soluble and permeable anticancer drug	26.04.2023
161	10BB16A08003	G Chandra	CSIR-CFTRI, Mysore	Biological Sciences	C. D. Nandini	Studies on the osteogenic potential of glycosaminoglycans isolated from fish waste	26.04.2023
162	10BB17J33003	Sanyukta Darnal	CSIR-IHBT, Palampur	Biological Sciences	Dharam Singh	Molecular and cellular studies of bacterial L-asparaginase from Western Himalayan niches	26.04.2023
163	10BB15J25005	Annu Lata	CSIR-NBRI, Lucknow	Biological Sciences	Narayanan K Nair	Assessment of genetic and chemotypic diversity in wood apple (<i>Limonia acidissima</i> L., Rutaceae)	26.04.2023
164	10CC18J18016	Bhandari Mayur Chandrakant	CSIR-IICT, Hyderabad	Chemical Sciences	Ch Raji Reddy	Development of synthetic strategies to [1,2]-oxazine, selenyl β -naphthol and pyrazolo-pyridinone frameworks	26.04.2023



165	10CC15A18020	Utkal Mani Choudhury	CSIR-IICT, Hyderabad	Chemical Sciences	Debendra Kumar Mohapatra	Determination of absolute configuration of cryptorigidifoliol G by total synthesis and synthetic studies toward macrolactin 3	26.04.2023
166	10CC18J18010	V Venkataganes h Kumar	CSIR-IICT, Hyderabad	Chemical Sciences	Ch Raji Reddy	Development of alkyne-assisted annulations towards functionalized Aza-heterocycles (pyridines, isoquinolines & β -carboline)s and cyclopentenone s	26.04.2023
167	10CC19A16004	Noufal.M.C	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Rajaram K. Nagarale	Design and development of organic electrode materials for the device applications	26.04.2023
168	10CC17J18015	Sanjay Yadav	CSIR-IICT, Hyderabad	Chemical Sciences	Suriseti Suresh	Development of carbene-catalyzed umpolung strategies and copper-catalyzed transformations for the synthesis of benzo-fused heterocycles	26.04.2023
169	10CC17A18008	Donthoju Ashok	CSIR-IICT, Hyderabad	Chemical Sciences	Rambabu Chegondi	Stereoselective desymmetrization of prochiral molecules to access complex small molecules	26.04.2023
170	10BB16J10005	Priyambada Singh	CSIR-CIMAP, Lucknow	Biological Sciences	Alok K Krishna	Studies on productivity and quality of Lemongrass (<i>Cymbopogon flexuosus</i>) and soil properties of selected sites in Bundelkhand and Vindhyanchal regions under rainfed conditions	28.04.2023



171	10BB15A33001	Poonam Bharti	CSIR-IHBT, Palampur	Biological Sciences	Vipin Hallan	Studies on epigenetic regulation of flavonoid and antioxidative pathways in <i>Nicotiana tabacum</i> during salt stress	28.04.2023
172	10BB17J08001	Priyanka Rose Mary	CSIR-CFTRI, Mysore	Biological Sciences	Mukesh Kapoor	Understanding the utilization of β -mannan/ β -manno-oligosaccharides by probiotic and commensal gut bacteria	28.04.2023
173	10CC16J26003	Yadav Prashant Neerajkumar	CSIR-NCL, Pune	Chemical Sciences	Kadhiravan Shanmuganathan	Functional microparticles and microcapsules for advanced applications	28.04.2023


 18.05.2023
 Associate Director, Academic

Copy to:

1. The Chairman, BoG
2. The Director General, CSIR
3. The Directors of all CSIR laboratories
4. The Director and Associate Directors, AcSIR
5. The Deans and Associate Deans, AcSIR
6. 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
15. AcSIR IT for display on website