

No. AcSIR/7/10(1)-2022

Dated: May 31, 2022

NOTIFICATION

It is notified for all concerned that, the Chairman, Senate, Academy of Scientific and Innovative Research (AcSIR) dated 31.05.2022, has approved the notification for award of the Ph.D degree of the following students in the months March to April 2022.

Sl. No	Registration Number	Name	AcSIR Academic Centre	Faculty / Broad Subjects	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	10PP18A28024	Abhishek Kumar Gupta	CSIR-NGRI, Hyderabad	Physical Sciences	Prantik Mandal	Source process modeling and crust-mantle structure in Uttarakhand Himalaya, and a few regions of NW, northern and eastern parts of India	02.03.2022
2	10BB14A08006	Bhatt Kavya Sridhar	CSIR-CFTRI, Mysuru	Biological Sciences	Sachin M. Eligar	Characterization of quercetin glycoside from leaves of Trigonella foenum-graecum L. for its anti-inflammatory property in vitro and in vivo	02.03.2022
3	10CC17J33013	Ranjana Sharma	CSIR-IHBT, Palampur	Chemical Sciences	Dinesh Kumar	Phytochemical and value addition studies of unexplored commercially important parts of <i>Camellia sinensis</i> (L.) O. Kuntze	02.03.2022
4	20EE14A15009	Sandeep Singhai	CSIR-CSIO, Chandigarh	Engineering Sciences	H K Sardana	A study of technology transfer from public-funded laboratories to manufacturing industries and their impact	02.03.2022
5	20EE17J26065	Mane Maya Balasaheb	CSIR-NCL, Pune	Engineering Sciences	V.M. Bhandari	Studies in newer methodologies and materials/ material modifications for environmental, pollution control applications specifically for water treatment and desulfurization	02.03.2022

6	10CC17A16006	Rahul Kumar	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	S Adimurthy	Selective functionalization of imidazo[1,2-a] pyridines and their analogues	02.03.2022
7	10PP14A29007	Chandan Kumar Mishra	CSIR-NIO, Goa	Physical Sciences	Pawan Dewangan	Formation and distribution of gas hydrate deposits in the Krishna-Godavari and Cauvery-Mannar basins	02.03.2022
8	10PP16A32004	Ambika Bawa	CSIR-NPL, New Delhi	Physical Sciences	Rajesh	Dynamical studies of helical structure in ferroelectric liquid crystals	02.03.2022
9	10PP14A27001	Akanksha	CSIR-NEERI, Nagpur	Physical Sciences	Krishna Khairnar	Isolation and characterization of bacteriophages against methicillin-resistant <i>Staphylococcus aureus</i> isolates from wastewater	03.03.2022
10	10BB17J18044	Debanjan Bhattacharjee	CSIR-IICT, Hyderabad	Biological Sciences	Nishant Jain	Understanding the mechanism of mutant IDH1 inhibitors induced oncogene activation	03.03.2022
11	10BB16A18071	Sravanthi Vemireddy	CSIR-IICT, Hyderabad	Biological Sciences	H.M. Sampath Kumar	Mucosal nanoformulations with TLR agonists as adjuvants for dengue prophylaxis	03.03.2022
12	20EE15A05007	Suresh Babu G N	CSIR-CECRI, Karaikudi	Engineering Sciences	N. Kalaiselvi	Futuristic anode materials for energy storage applications	03.03.2022
13	20EE18A27006	Davuluri Syam Babu	CSIR-NEERI, Nagpur	Engineering Sciences	P.V. Nidheesh	Treatment of arsenite contaminated water by various electrochemical techniques	03.03.2022
14	20EE15A35006	Ritesh Kumar Gupta	CSIR-AMPRI, Bhopal	Engineering Sciences	S.A.R. Hashmi	Development of carbon nanotube and graphene reinforced shape memory polymer composites	03.03.2022
15	10CC17J26040	Sibadatta Senapati	CSIR-NCL, Pune	Chemical Sciences	C.V. Ramana	A chiral pool approach for the total synthesis of bis-THF C15 acetogenins - notoryne, laurefurenynes A/B, laurendecumenyne B and a chloroenyne from <i>Laurencia majuscula</i> , and Synthesis of C14 to C29 fragment of eribulin	03.03.2022
16	10CC15A26008	Nitai Sarkar	CSIR-NCL, Pune	Chemical Sciences	S. Shashidhar	Preparation of chiral myo-inositol derivative and their conversion to natural product/analogues	03.03.2022

17	10CC16A26002	Rupanawar Bapurao	CSIR-NCL, Pune	Chemical Sciences	Gurunath Suryavanshi	Enantioselective synthesis of glucosylceramide inhibitor by aminolytic kinetic resolution and development of synthetic methodologies for C-C, C-O bond formation reactions involving acid and hypervalent iodine reagents	03.03.2022
18	10CC18J05004	Venkadesh A	CSIR-CECRI, Karaikudi	Chemical Sciences	S. Radhakrishnan	Studies on the synthesis of transition metal based nanostructures and their application towards electrochemical food adulteration and additives detection	04.03.2022
19	10CC16A33018	Shruti Sharma	CSIR-IHBT, Palampur	Chemical Sciences	Dinesh Kumar	Exploration of <i>Polygonatum verticillatum</i> for its chemistry and therapeutic potential	04.03.2022
20	10PP14A39011	Rajeev V. R.	CSIR-NIIST, Thiruvananthapuram	Physical Sciences	Narayanan Unni K.N.	Optimization of gate dielectrics and process parameters for organic field-effect transistors with enhanced performance	11.03.2022
21	20EE16J15003	Virender Singh	CSIR-CSIO, Chandigarh	Engineering Sciences	Sunita Mishra	Analysis and development of MEMS based high-g acceleration threshold switch	11.03.2022
22	32EE14A06013	Nalini Pareek	CSIR-CEERI, Pilani	Engineering Sciences	Anirban Bera	Study of surface plasmonic for THz generation	11.03.2022
23	20EE18J39008	Neethu Emmanuel	CSIR-NIIST, Thiruvananthapuram	Engineering Sciences	Yoosaf Karuvath	Design and development of spectrophotometric systems for fast detection and quantification of analytes	11.03.2022
24	10BB15A22003	Ashish Kumar Sonker	CSIR-CSIO, Chandigarh	Biological Sciences	Sheelendra Pratap Singh	Toxicokinetic and metabolism of bisphenol-S and its conjugate metabolites in neonatal and adult rats using hyphenated mass spectrometry	11.03.2022
25	10PP16A32014	Ashish Kumar	CSIR-NPL, New Delhi	Physical Sciences	Ritu Srivastava	Synthesis and characterization of organic-inorganic lead halide and lead-free double perovskite-based materials for energy conversion devices	11.03.2022
26	10PP17J32009	Girija Shankar Papnai	CSIR-NPL, New Delhi	Physical Sciences	Bipin Kumar Gupta	Investigations on the synthesis, characterization and spectroscopic studies of 2D materials: (a) Graphene (b) MoS ₂ (c) WSe ₂ (d) MoSe ₂	11.03.2022

27	10BB18A04026	Swati Chaturvedi	CSIR-CDRI, Lucknow	Biological Sciences	Wahajuddin	Exploring the mechanistic role of inflammasomes and ABC transporters in the pharmacokinetics and pharmacodynamics of Isoformononetin across the blood brain barrier	11.03.2022
28	10BB17A04032	Sandeep Kumar Singh	CSIR-CDRI, Lucknow	Biological Sciences	Wahajuddin	Preclinical pharmacokinetics characterization of a potential neuroprotective phytochemical Withanone using LC-MS/MS system: Its human pharmacokinetics prediction based on allometry concept	11.03.2022
29	10BB14J36009	Monalisa Mohanty	CSIR-IMMT, Bhubaneswar	Biological Sciences	B.S. Jena	Characterization and biological activities of biogenic silver nanoparticles synthesized by using bark extract of <i>Terminalia arjuna</i> , <i>Terminalia bellerica</i> and <i>Peltophorum pterocarpum</i>	11.03.2022
30	10CC14A26020	Monika Malik	CSIR-NCL, Pune	Chemical Sciences	Pankaj Poddar	Study of the effect of phase and morphology on the optical properties of lanthanide ion-doped phosphors and their applications	14.03.2022
31	10BB16A18074	Thonda V S S Swaroop	CSIR-IICT, Hyderabad	Biological Sciences	Shasi V. Kalivendi	Elucidating the roles of α -synuclein and ADAM10 in the pathophysiology of Alzheimer's disease	14.03.2022
32	10BB16J26023	Hingamire Tejashri Bhimashankar	CSIR-NCL, Pune	Biological Sciences	Dhanasekaran Shanmugam	Studies on novel inhibitors, target validation and resistance mechanism in apicomplexan parasites	14.03.2022
33	10PP17J06001	Paliwal Avinash Subhash	CSIR-CEERI, Pilani	Physical Sciences	Manish Mathew	Design and development of InGaN based laser diodes	16.03.2022
34	10CC18A16004	Pulak Sarkar	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Santanu Karan	Ultrathin polymer nanofilms for ionic and molecular separations	23.03.2022
35	10BB14A02003	Ahmed Mobein	CSIR-IGIB, New Delhi	Biological Sciences	Srinivasan Ramachandran	Integrated pathway modeling of insulin resistance and associated metabolic inflammation	24.03.2022
36	10CC17J18036	Vemula Madhu	CSIR-IICT, Hyderabad	Chemical Sciences	UVR Vijaya Sarathi	Studies on variations in chemical changes in sapota fruits due to artificial ripening and identification of residues of artificial ripeners	24.03.2022
37	10CC17J18027	Kandula Manasa	CSIR-IICT, Hyderabad	Chemical Sciences	Venugopal Akula	Evaluation of rice husk derived siliceous supports for Ni catalysts in the non-oxidative cracking of CH ₄ for pure H ₂ production	24.03.2022

38	10BB18A18067	Makani Venkata Krishna Kanth	CSIR-IICT, Hyderabad	Biological Sciences	Manikapal Bhadra	Role of BORIS/CTCFL in TGF β signalling and ROS regulation in neuroblastoma	24.03.2022
39	10BB15A17001	Mayuri Mukherjee	CSIR-IICB, Kolkata	Biological Sciences	Sucheta Tripathy	A multiomics approach to explore novel therapeutic & energy compound production from indigenous cyanobacteria	24.03.2022
40	10BB16A37010	Zahid Yaqoob Bhat	CSIR-IIIM, Jammu	Biological Sciences	Nasheeman Ashraf	Cloning and characterization of MYB transcription factors involved in regulation of secondary metabolism in <i>Crocus sativus</i> L	24.03.2022
41	10BB16J37001	Sabeena Ali	CSIR-IIIM, Jammu	Biological Sciences	Qazi Parvaiz Hassan	Assessment of genetic diversity and chemoprofiling in selected species of Aconitum from North-Western Himalaya	24.03.2022
42	10BB17J25007	Nasreen Bano	CSIR-NBRI, Lucknow	Biological Sciences	Sumit Kumar Bag	Transcriptome meta-analysis and genome-wide identification of Tubby-like protein (TLP) gene family in <i>Gossypium</i> species	24.03.2022
43	10BB15J37013	Naveen Prakash Bokoliya	CSIR-IIIM, Jammu	Biological Sciences	Saurabh Saran	Regulation of gene expression by noncoding RNA element in <i>Mycobacterium tuberculosis</i> H37Rv	24.03.2022
44	10CC15A38002	Rakhi Paul	CSIR-NEIST, Jorhat	Chemical Sciences	L. Saikia	Biological activity of metal, metal oxide nanoparticles stabilized on <i>Ocimum sanctum</i> leaf extract and certain (P,S) donor ligands	24.03.2022
45	10BB15J25002	Nishtha Mishra	CSIR-NBRI, Lucknow	Biological Sciences	Aradhana Mishra	Deciphering the interaction strategies of rice and Trichoderma under elevated CO ₂ condition	24.03.2022
46	20EE16A26034	Emmanuel Joseph	CSIR-NCL, Pune	Engineering Sciences	Anuya Nisal	Design and development of biocompatible silk fibroin coatings for breast implant applications	24.03.2022
47	20EE15A08013	Deependra Rajoriya	CSIR-CFTRI, Mysuru	Engineering Sciences	H. Umesh Hebbar	Infrared assisted refractance window drying of fruits-apple and banana	24.03.2022
48	20EE18A18049	Debiparna De	CSIR-IICT, Hyderabad	Engineering Sciences	Satyavathi Bankupalli	Applications of eutectic based ionic liquids as novel catalytic and solvent media for green and sustainable technologies	24.03.2022

49	10BB17J02001	Angira Dasgupta	CSIR-IGIB, New Delhi	Biological Sciences	Anurag Agrawal	Sputum proteins as a biomarker in chronic airway diseases in the Indian population	24.03.2022
50	10CC16A38006	Bidisha Rani Bora	CSIR-NEIST, Jorhat	Chemical Sciences	S Gogoi	Development of new metal-catalyzed reactions for the synthesis of spirobi[indene]-diones, aryl esters, β -keto esters and pyrrolidinones	29.03.2022
51	10PP19J32013	Garima Kotnala	CSIR-NPL, New Delhi	Physical Sciences	T.K. Mandal	Study on the interaction of trace gases and aerosols over Delhi	29.03.2022
52	10PP16J32002	Pardeep Kumar Kashyap	CSIR-NPL, New Delhi	Physical Sciences	Bipim Kumar Gupta	Synthesis and characterizations of two-dimensional materials: Graphene and its analogue structures	29.03.2022
53	10BB15A25007	Mohd Danish Husain	CSIR-NBRI, Lucknow	Biological Sciences	Priyanka Agnihotri	Systematic studies in the genus <i>Aconitum</i> L. (Ranunculaceae) from India	29.03.2022
54	10CC14A26021	Rashid PP	CSIR-NCL, Pune	Chemical Sciences	Gangadhar Jessy Sanjayan	Design and synthesis of novel class of multi-purpose fluorescent α -amino acids and an efficient route for the synthesis of NOS inhibitors	07.04.2022
55	32EE14A06005	Anand Abhishek	CSIR-CEERI, Pilani	Engineering Sciences	Shaik Ali Akbar	Design, analysis and control of DC-DC converter for DC microgrid and pulse power applications	07.04.2022
56	10BB18A02002	Shakti Sagar	CSIR-IGIB, New Delhi	Biological Sciences	Anurag Agrawal	Studies on the molecular dissection of the mitochondrial alterations in Mesenchymal Stem Cells derived from mouse model of Metabolic Syndrome and how to restore its functionality	07.04.2022
57	10BB16A02001	Abhinav Jain	CSIR-IGIB, New Delhi	Biological Sciences	Vinod Scaria	Genomic approaches for understanding the genetic landscape and genetic epidemiology of primary immunodeficiency disorders	07.04.2022
58	10BB16A39017	Sreelekshmi Mohan	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Raghu K.G.	Investigation on adverse biochemical alterations in HepG2 cells during hyperinsulinemia and possible reversal with vanillic acid	07.04.2022
59	10PC16J15002	Reetu Rani	CSIR-CSIO, Chandigarh	Chemical Sciences	Suman Singh	Synthesis and characterization of metal organic frameworks for detection of antibiotics	07.04.2022
60	10CC16A26015	Dhananjay Doke	CSIR-NCL, Pune	Chemical Sciences	Shubhangi Umbarkar	Synthesis of lactate and its valorization to value added chemicals	07.04.2022

61	10CC17A19003	Bijoy Biswas	CSIR-IIP, Dehradun	Chemical Sciences	Thallada Bhaskar	Hydrothermal liquefaction of lignin and aquatic biomass for the production of functional chemicals	07.04.2022
62	10CC15A05002	Anisetty Lakshman Kumar	CSIR-CECRI, Karaikudi	Chemical Sciences	S. Vengatesan	Bioelectrochemical and biogeochemical insights into microbial manganese oxidation	07.04.2022
63	20EE14A19002	Botch Neelam Naidu	CSIR-IIP, Dehradun	Engineering Sciences	V VDN Prasad	Oxidative conversion of methane to fuels	07.04.2022
64	10CC16A04034	Sibananda Gourisankar Dash	CSIR-CDRI, Lucknow	Chemical Sciences	Tejender S Thakur	Computational screening of API solid forms and quantum crystallography applications in studying the role of intermolecular interactions in molecular recognition	07.04.2022
65	10PP16A29005	Saumya Silori	CSIR-NIO, Goa	Physical Sciences	Haimanti Biswas	Organic matter dynamics associated with physicochemical variability in the eastern and the central Arabian Sea	07.04.2022
66	10BB14J26021	Shrikant Karegaonkar	CSIR-NCL, Pune	Biological Sciences	Thulasiram H V	Chemical and De novo Transcriptomic Analysis of medicinal plants, <i>Amomum aculeatum</i> Roxb. and <i>Couroupita guianensis</i> Aubl.	07.04.2022
67	10BB18A04003	Athar Husain	CSIR-CDRI, Lucknow	Biological Sciences	Jiaur Rahaman Gayen	Pharmacokinetic and herb-drug interaction studies of conventional drugs coadministered with herbal extracts/products	07.04.2022
68	10BB16A18065	Nalban Nasiruddin	CSIR-IICT, Hyderabad	Biological Sciences	Sistla Ramakrishna	Evaluation of selected phytochemicals against cardiovascular diseases by targeting oxidative stress and inflammation in rodent models	07.04.2022
69	10BB17A27010	Sonam Paliya	CSIR-NEERI, Nagpur	Biological Sciences	Suresh Kumar M.	Studies on contamination and microbial degradation of polybrominated diphenyl ethers (PBDEs)	07.04.2022
70	10PP17A32016	Leena Kumari	CSIR-NPL, New Delhi	Physical Sciences	S. Swarupa Tripathy	Study on heavy metal contaminants and artificial colorants in saffron	07.04.2022
71	10BB16A37004	Tanveer Ahmad	CSIR-IIIM, Jammu	Biological Sciences	Syed Riyaz- Ul-Hassan	Diversity, community structure and plant growth-promoting potential of bacterial endophytes associated with <i>Crocus sativus</i> Linn.	07.04.2022
72	10BB17A33015	Vikram Patil	CSIR-IHBT, Palampur	Biological Sciences	Y S Padwad	Studies on the renoprotective effects of selected medicinal plants and underlying molecular mechanism	07.04.2022

73	20EE17A26038	Bhongale Priyanka Vishwanath	CSIR-NCL, Pune	Engineering Sciences	Sunil Joshi	An investigation into alkylation of hydroxybenzenes to industrial useful chemicals	07.04.2022
74	10BB15A16012	Rangani Jaykumar Rameshbhai	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Asish Kumar Parida	Comparative proteomics and metabolomics studies in the xero-halophyte <i>Salvadora Persica</i> L. for elucidation of drought tolerance mechanisms	08.04.2022
75	10BB16A26039	Sonia Agrawal	CSIR-NCL, Pune	Biological Sciences	Dhiman Mrinal Sarkar	Characterization of nitrite induced viable but non-cultivable <i>Mycobacterium tuberculosis</i> bacilli	08.04.2022
76	10BB14A26041	Singam Amarnath Ram	CSIR-NCL, Pune	Biological Sciences	Rathna VN Gundloori	Studies on development of polymeric nano-systems for delivery of anti-cancer bioactive molecules	08.04.2022
77	10CC16A26025	Govind Porwl	CSIR-NCL, Pune	Chemical Sciences	Vinod Chathakudath Prabhakaran	Insights on the synthesis of fine chemicals and its upscaling on heterogeneous catalysts	08.04.2022
78	10CC18J32008	Naina Lohia	CSIR-NPL, New Delhi	Chemical Sciences	Shailesh N. Sharma	Studies on micro, nano and colloidal quantum dot based luminescent materials for solid-state lighting	08.04.2022
79	10CC16A26018	Wagh Atish Arun	CSIR-NCL, Pune	Chemical Sciences	Moneesha Fernandes	IsoDNA/isoRNA oligomers of the thrombin binding aptamer and 2'-thiopropyl and abasic ethanediol substitutions therein	14.04.2022
80	10BB16J02001	Aditya Kumar Nagori	CSIR-IGIB, New Delhi	Biological Sciences	Anurag Agrawal	Critical event prediction in critically ill patients and asthmatic children: Leveraging artificial intelligence and domain expertise	21.04.2022
81	10BB16A18066	Rajnandani Kashyap	CSIR-IICT, Hyderabad	Biological Sciences	Anthony Addlagatta	Structural and functional characterization of β -barrel proteins involved in inter-molecular Diels-Alder reaction	21.04.2022
82	10BB16A22017	Vinay Kumar Yadav	CSIR-IITR, Lucknow	Biological Sciences	Devendra Parmar	A study on polymorphism in drug metabolizing enzymes influencing susceptibility to head and neck cancer and treatment outcome	21.04.2022
83	10BB15A39017	Jasmin G. Russel	CSIR-NIIST, Thiruvananthapuram	Biological Sciences	Krishnakumar B.	Development and scale-up of bioremediation technology for perchlorate contaminated water and soil	21.04.2022

84	10BB16A37002	Tanveer Ahmad Malik	CSIR-IIIM, Jammu	Biological Sciences	Sheikh Tasduq Abdullah	Deciphering molecular basis of UV-B induced skin photodamage in experimental models: Therapeutic role of plant based alkaloid, IIIM-TG	21.04.2022
85	10BB17J10001	Bhaskar Shukla	CSIR-CIMAP, Lucknow	Biological Sciences	Ajit Kumar Shasany	To Identify long-coding RNAs in medicinal and aromatic plants	21.04.2022
86	20EE16A32039	Bhukya Venkanna	CSIR-NPL, New Delhi	Engineering Sciences	Rina Sharma	RF specific absorption rate (SAR) evaluation by analytical and measurement techniques	21.04.2022
87	10BB18J16001	Gideon Oyeshina Oyeku	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Subir Kumar Mandal	Studies on the effect of abiotic factors on the growth kinetics of <i>Prorocentrum lima</i>	21.04.2022
88	10CC17J26022	Prabu K	CSIR-NCL, Pune	Chemical Sciences	T. Raja	Selective catalytic oxidation over metal oxides for the valorization of biomass derived feedstocks and Propane	21.04.2022
89	10CC14A18008	Mhamane Tukaram Bharat	CSIR-IICT, Hyderabad	Chemical Sciences	H.M. Sampath Kumar	Design and synthesis of novel glycopeptide and glycolipopeptide based vaccine adjuvants	21.04.2022
90	20EE16A05006	G. S. Ayyappan	CSIR-CECRI, Karaikudi	Engineering Sciences	B. Ramesh Babu	Study and implementation on condition monitoring and fault diagnosis of induction machine on continuous operation	21.04.2022
91	10BB14A26039	walke Prachi Bhalchandra	CSIR-NCL, Pune	Biological Sciences	Mahesh Kulkarni	Molecular investigation of glycated insulin induced insulin resistance and hyperglycemia induced beta cell dysfunction	21.04.2022
92	10CC14J18065	Valipenta Narasimhulu	CSIR-IICT, Hyderabad	Chemical Sciences	Ravindra M. Kumbhare	Design and synthesis of thiazolidine, pyrimidine-2-thiol and trifluoroacetamide derivatives	21.04.2022
93	10CC17J26025	Harsha Chilukuri	CSIR-NCL, Pune	Chemical Sciences	Moneesha Fernandes	Alkyl proline and oxytocin derivatives towards development of anti-diabetics and design of potential antifolates derived from guanine	21.04.2022
94	10BB15A22015	Tulika Srivastava	CSIR-IITR, Lucknow	Biological Sciences	Dr. Smriti Priya	Molecular dissection of α -synuclein aggregation pathway in response to rotenone	25.04.2022
95	10CC18A26061	Betsy K J	CSIR-NCL, Pune	Chemical Sciences	Vinod Chathakudath Prabhakaran	Exploring the chemical modifications in periodic mesoporous silica materials for heterogeneous catalytic applications	25.04.2022

96	20EE15J15005	Vipender Singh Negi	CSIR-CSIO, Chandigarh	Engineering Sciences	Umesh Kumar Tiwari	Study & numerical analysis of sub-aperture precision polishing	25.04.2022
97	10BB16A16011	Ankita Dave	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Pradeep Kumar Agarwal	Functional characterization of AIHKT2; 1 promoter and its regulatory sequences from halophyte <i>Aeluropus lagopoides</i>	25.04.2022
98	10BB15J37004	Umar Gani	CSIR-IIIM, Jammu	Biological Sciences	Prashant Misra	Identification and functional characterization of MATE transporter genes in the context of flavonoid transport in <i>Nicotiana tabacum</i>	25.04.2022
99	10BB17A08001	Janani R	CSIR-CFTRI, Mysuru	Biological Sciences	Baskaran V.	Modulation of hyperglycemia induced oxidative stress-mediated retinal angiogenesis with astaxanthin in vitro and in vivo	25.04.2022
100	10CC17A38009	Monti Gogoi	CSIR-NEIST, Jorhat	Chemical Sciences	Swapnali Hazarika	Preparation and characterization of functionalized CNT-thin film nanocomposite polymeric membrane for racemic resolution of β -substituted- α -amino acids	25.04.2022
101	10BB16A04015	Shailendra Yadav	CSIR-CDRI, Lucknow	Biological Sciences	Neena Goel	Functional characterization of chaperonin TCP1 γ (HSP60) of <i>Leishmania donovani</i>	27.04.2022
102	20EE14A26053	Kamdi Prophesar Madhukar	CSIR-NCL, Pune	Engineering Sciences	Ashish V Orpe	Study of pressure driven flow of Laponite suspension through a cylindrical tube	27.04.2022
103	10PP18A28016	Sikha Hiloidari	CSIR-NGRI, Hyderabad	Physical Sciences	Srinivasa Sarma D	Tectono-magmatic evolution of the girar greenstone belt, Bundelkhand craton, India: Geochemical and isotopic constraints from metavolcanic rocks	27.04.2022
104	10BB15A02016	Kritee Mehdiratta	CSIR-IGIB, New Delhi	Biological Sciences	Vivek T Natarajan	Kupyaphores are counter regulatory zinc homeostatic metallophores required for <i>Mycobacterium tuberculosis</i> colonization	28.04.2022
105	10BB16A38018	Tejosmita Sen	CSIR-NEIST, Jorhat	Biological Sciences	Anil Kumar Singh	Delineating of molecular mechanism of therapeutics against clinically important efflux pump proteins in drug resistant mycobacteria	28.04.2022
106	10BB17J08005	Veeresh Toragall	CSIR-CFTRI, Mysuru	Biological Sciences	Baskaran V.	Development of lutein nanocarrier and evaluation of its effect on retinal angiogenesis in the hyperglycaemic animal model	28.04.2022

107	10CC18J32009	Anamika Mishra	CSIR-NPL, New Delhi	Chemical Sciences	Asit Patra	Synthesis and characterization of hole transport material for perovskite solar cells	28.04.2022
108	10CC16A04029	Himangsu Sekhar Dutta	CSIR-CDRI, Lucknow	Chemical Sciences	Dipankar Koley	Modification of privileged N-heterocycles via C-H functionalization: Synthesis of medicinally relevant compounds and late stage drug diversification	28.04.2022
109	10CC16J12005	Manilal Murmu	CSIR-CMERI, Dugrapur	Chemical Sciences	Priyabrata Banerjee	Design, synthesis and characterization of organic molecules for corrosion inhibition of metals: Application of anti-corrosive additives and coating materials	28.04.2022
110	10CC16A12002	Debanjan Dey	CSIR-CMERI, Durgapur	Chemical Sciences	Priyabrata Banerjee	Development of Schiff base based organic frameworks/polymers as sorbent materials for water immiscible oil and toxic organic solvent clean up and small molecules for detection of water miscible toxins	28.04.2022
111	10CC16A26009	Sanjukta Pahar	CSIR-NCL, Pune	Chemical Sciences	Sakya Singh Sen	Donor-acceptor stabilization of compounds with low coordinate group 13 and 14 elements	28.04.2022
112	10PP17A27008	Rafat Quamar	CSIR-NEERI, Nagpur	Physical Sciences	Paras R. Pujari	Groundwater development and management in basaltic terrain in central India through integrated hydrogeological and geophysical studies	29.04.2022
113	10PP16A32019	Sadiya Waseem	CSIR-NPL, New Delhi	Physical Sciences	Priyanka H. Maheshwari	Development of carbon fiber based composites for advanced energy applications	29.04.2022



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