

No. AcSIR/7/10(1)-2021

Dated: July 07, 2021

### NOTIFICATION

It is notified for all concerned that, the Chairman, Senate, Academy of Scientific and Innovative Research (AcSIR) dated 07.07.2021, has approved the notification for award of the Ph.D degree of the following students in the months March to June 2021.

Sl. No.	Registration Number	Name	AcSIR Academic Centre	Faculty / Broad Subjects	Supervisor	Thesis Title	Date of Award of Ph.D Degree
1	10CC16J37011	Mohd Abdullaha	CSIR-IIIM, Jammu	Chemical Sciences	Ram A. Vishwakarma	Design, synthesis and biological evaluation of anti-Alzheimer's agents via targeting neuroinflammation and cholinergic neurotransmission	01.03.2021
2	10CC15J16002	Gaurav Kumar	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Subhadip Neogi	Development of functionalized porous frameworks and chiral catalysts for diverse C-C bond formation reaction	01.03.2021
3	10BB14J02011	Shipra Bijpuria	CSIR-IGIB, New delhi	Biological Sciences	Bhupesh Taneja	Deciphering the dynamics and role in antibiotic response of 16S rRNA methyltransferases of Mycobacterium tuberculosis	01.03.2021
4	10BB14A22008	Sumit Kumar Anand	CSIR-IITR, Lucknow	Biological Sciences	Poonam Kakkar	Studies on redox mediated cellular signaling of Bisphenol-A induced hepatotoxicity	01.03.2021
5	10BB14J22003	Neha Singh	CSIR-IITR, Lucknow	Biological Sciences	Kausar Mahmood Ansari	Studies on adverse effects of mycotoxin patulin on intestinal cells	01.03.2021
6	10BB15J18046	Sudhakar J	CSIR-IICT, Hyderabad	Biological Sciences	Rajkumar Banerjee	Exploring cationic amphiphiles of Estrogen and stilbene molecules as potential cancer therapeutics	01.03.2021
7	10CC14A39003	Chinju Govind M. V.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	V. Karunakaran	Ultrafast electronic, vibrational and conformational relaxation dynamics of heme model compounds and proteins in various environments using femtosecond pump-probe spectroscopy	01.03.2021

8	10CC16J10016	Madhumita Srivastava	CSIR-IICT, Hyderabad	Chemical Sciences	Karuna Shanker	Chemical and biological investigation of Clerodendrum and Duranta species from family Verbenaceae	01.03.2021
9	10CC17A38011	Ayorinde Victor Ogundele	CSIR-NEIST, Jorhat	Chemical Sciences	A M Das	Studies on chemical constituents and Bio-evaluation of Elaeocarpus floribundus from North-East India	01.03.2021
10	10CC15A32011	Amit	CSIR-NPL, New Delhi	Chemical Sciences	P.H. Maheshwari	Development and studies of carbon based adsorbents for defluoridation of drinking water	01.03.2021
11	10CC15J18018	Mendhekar Kishor Lahu	CSIR-IICT, Hyderabad	Chemical Sciences	Debendra K. Mohapatra	Gold(I)-catalyzed regioselective hydration of unsymmetrical alkynes and total synthesis of (1S,5R,7S)-cryptorigidifoliol G	01.03.2021
12	10PP12A06001	Prerna balyan	CSIR-CEERI, Pilani	Physical Sciences	Ajay Agarwal	Design and fabrication of microfluidics based platforms for particle separation and bio-sensing applications	01.03.2021
13	10PP13J29001	Govind Joshi	CSIR-NIO, Goa	Physical Sciences	Sushant S. Naik	Past variations in the oxygen minimum zone of the Eastern Arabian Sea reconstructed from sedimentary geochemical proxies and implications to monsoon driven biogeochemistry	10.03.2021
14	10CC14J05009	T Bharathidasan	CSIR-CECRI, Karaikudi	Chemical Sciences	S. Sathiyarayanan	Development of multifunctional superhydrophobic surfaces	10.03.2021
15	10CC15A18034	Gurram Ravikumar	CSIR-IICT, Hyderabad	Chemical Sciences	Sridhar Reddy	Synthesis of biologically relevant heterocyclic compounds via electrophilic activation of $\pi$ -systems	10.03.2021
16	10CC14A16001	Ajay Parmar	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Benna Tyagi	Synthesis of phthalate esters over heterogeneous catalysts	10.03.2021
17	10CC17A39015	Remya G. S.	CSIR-NIIST, Thiruvananthapuram	Chemical Sciences	Suresh C.H.	DFT studies on quantification of substituent effects and ligand modifications to tune the reactivity of transition metal complexes	10.03.2021
18	32EE12A41004	M. Surendran	CSIR-SERC, Chennai	Engineering Sciences	G.S. Palani	Linear smoothed extended finite element method for fracture analysis	10.03.2021
19	32EE14A41013	Harshal Agarwal	CSIR-CECRI, SERC unit	Engineering Sciences	Santoshkumar D Bhat	Modelling and empirical studies on proton exchange membrane fuel cell for improved efficiency	10.03.2021
20	10PP13J27008	Shaswati Saha	CSIR-NEERI, Nagpur	Chemical Sciences	Rima Biswas Mondal	Development of improved biological process for treating low-strength wastewater	10.03.2021
21	10BB15J10008	Arpita Tripathi	CSIR-CIMAP, Lucknow	Biological Sciences	Rajesh Kumar Verma	Identifying endophytes enhancing growth and content of artemisinin and reducing stress induced damage in Artemisia annua	10.03.2021



22	10BB14J08019	Vidya C H	CSIR-CFTRI, Mysuru	Biological Sciences	Sridevi Annapurna Singh	Characterization of galactosidases from fungal sources and their applications in preparation of specialty foods	10.03.2021
23	10BB12A27005	Vaibhav Gujar	CSIR-NEERI, Nagpur	Biological Sciences	Anshuman Khardenavis	Production of fructo-oligosaccharides from molasses using fungal fructosyltransferase	10.03.2021
24	10CC17J39001	Veena K. S.	CSIR-NIIST, Thiruvanan thapuram	Chemical Sciences	L. Ravi Shankar	Isolation and semi-synthesis of abundant bioactives from selected species of rhizomes of Zingiberaceae family	10.03.2021
25	20EE13A06002	Anju Yadav	CSIR-CEERI, Pilani	Engineeri ng Sciences	Ajay Agarwal	Investigation of nanostructured polyaniline and its graphene/CNT hybrids in ammonia sensing	16.03.2021
26	10BB15A18042	Kommalapati V Krishna	CSIR-IICT, Hyderabad	Biological Sciences	T. Anjana Devi	Understanding the mechanism of quisinostat induced autophagy and differentiation in neuroblastoma	16.03.2021
27	10PP17A28002	Emmanuel	CSIR-NGRI, Hyderabad	Physical Sciences	Nimisha Vedanti	Simulation of seismic wave propagation in porous media: An application to sleipner field North Sea	16.03.2021
28	10PP15J27004	Jyoti Tiwari	CSIR-NEERI, Nagpur	Physical Sciences	Amit Bafana	Mechanism of biodegradation of recalcitrant nitroaromatics	16.03.2021
29	10BB17J26057	Kuntal Kumar Bhushan	CSIR-NCL, Pune	Biological Sciences	Chetan Gadgil	Modeling and visualization of microbial communities	18.03.2021
30	10BB16J10010	Nilofer	CSIR- CIMAP, Lucknow	Biological Sciences	Saudan Singh	Enhancing productivity and quality of Cassia angustifolia Vahl. through agro-technological interventions under sub-tropical plains of North India	23.03.2021
31	10CC16A18008	Gajula Krishna Sai	CSIR-IICT, Hyderabad	Chemical Sciences	N. Narender	Design and development of zeolite catalysts for C-C and C-N bond formation reactions	23.03.2021
32	10BB15J08006	Vedashree M	CSIR-CFTRI, Mysuru	Biological Sciences	Madhava Naidu M	Gingerols and their derivatives for food applications: A technological perspective	23.03.2021
33	10BB14A02025	Rintu Kutum	CSIR-IGIB, New delhi	Biological Sciences	Debasis Dash	Understanding gene expression variability within population through Prakriti methodology for building robust Gene Regulatory Networks	23.03.2021
34	10BB11J33017	Ruchi Sharma	CSIR-IHBT, Palampur	Biological Sciences	Gireesh Nadda	Biology, seasonal incidence and management of cottony camellia scale, Pulvinaria floccifera (Westwood) (Hemiptera: Coccidae) in tea	23.03.2021
35	20EE15A35005	Jitender Kumar Tiwari	CSIR- AMPRI, Bhopal	Engineeri ng Sciences	N. Sathish	Development of aluminium graphene composite using selective laser melting and accumulative roll bonding	23.03.2021

36	32EE14A01003	Chanchal Sonkar	CSIR-CBRI, Roorkee	Engineering Sciences	Achal Kumar Mittal	Sheathed cold-formed steel (CFS) wall panels under axial loading: Structural behaviour	23.03.2021
37	10CC16A18033	R. Chandrashekhara	CSIR-IICT, Hyderabad	Chemical Sciences	B.V. Subba Reddy	Tandem prins cyclization for the stereoselective synthesis of tetrahydropyran scaffolds	23.03.2021
38	10CC16A18029	Palaeti Gidyonu	CSIR-IICT, Hyderabad	Chemical Sciences	B. David Raju	Catalytic transformation of ethanol to value-added chemicals by using mesoporous supported copper catalysts	23.03.2021
39	10CC16A18001	Ajmeera Nagu	CSIR-IICT, Hyderabad	Chemical Sciences	B. David Raju	Synthesis and characterization of supported nickel catalysts for vapor phase hydrogenation reactions	23.03.2021
40	10CC15A26005	RANJEESH K. C.	CSIR-NCL, Pune	Chemical Sciences	Santhosh Babu Sukumaran	Design and synthesis of self-assembled porous crystalline organic 2D-polymers and graphene hybrids for sustainable energy applications	23.03.2021
41	10BB15A18047	Paromita Das	CSIR-IICT, Hyderabad	Biological Sciences	Manika Pal Bhadra	Dissecting the role of the histone deacetylase, Rpd3 in the early embryonic and brain development in Drosophila	23.03.2021
42	10CC13A37007	Gaurva Raina	CSIR-IIIM, Jammu	Chemical Sciences	Qazi Naveed Ahmed	Studies towards the transition-metal-catalyzed functionalization of medicinally important azoles	23.03.2021
43	10CC17A18002	Devulapally Koteswar	CSIR-IICT, Hyderabad	Chemical Sciences	L. Giribabu	Porphyrin and metal complex based efficient materials for dye-sensitized/perovskite solar cells	24.03.2021
44	10CC14A16015	Pradeep Kumar Prajapati	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Puyam S. Singh	Preparation and characterization of poly(dimethylsiloxane) hollow fiber membranes for gas separation	24.03.2021
45	20EE15A35003	Anil Kumar Thakur	CSIR-AMPRI, Bhopal	Engineering Sciences	Asokan Pappu	Development of geopolymeric hybrid composite brick from mineral waste through extrusion technique	24.03.2021
46	10CC16J05007	K. Karthick	CSIR-CECRI, Karaikudi	Chemical Sciences	Subrata Kundu	Transition metal based nanomaterials as electrocatalysts for water splitting	24.03.2021
47	10CC15A18029	Altab Samad Shaikh	CSIR-IICT, Hyderabad	Chemical Sciences	Sridhar Reddy	Design, synthesis and biological evaluation of sirt1 activators and mitochondrial-targeted antioxidants	24.03.2021
48	10CC14A16014	Parmar Dilip Bhimjibhai	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Divesh N. Srivastava	Acquainting modified electrodes towards sustainability of electrochemical processes	24.03.2021
49	10PP13J27001	Rita Shingare	CSIR-NEERI, Nagpur	Physical Sciences	Sunil Kumar	Constructed wetland for domestic wastewater treatment and reuse in agriculture; Impact on soil properties, crop growth and nematode diversity	24.03.2021



50	10BB14A37007	Sonia Sharma	CSIR-IIIM, Jammu	Biological Sciences	Fayaz A. Malik	Discovery of small molecules targeting vascular endothelial growth factor signaling in angiogenesis	25.03.2021
51	10BB15A38017	Jijnasa Bordoloi	CSIR-NEIST, Jorhat	Biological Sciences	J. Kalita	A study on the therapeutic potential of vitamin K against impaired lipid metabolism associated with hyperlipidemic pathophysiology	01.04.2021
52	10BB14J33005	Tanvi Sharma	CSIR-IHBT, Palampur	Biological Sciences	Sanjay Kumar	Development and analyses of draft genome of Picrohiza kurroa Royle ex Benth.	01.04.2021
53	10BB15J39008	Aswathi A.	CSIR-NIIST, Thiruvanan thapuram	Biological Sciences	Rajeev K. Sukumaran	Bacterial xenobiotic response - insights into the efficacy and molecular mechanisms of organophosphate evasion and degradation	01.04.2021
54	10CC17J32017	Sheerin Naqvi	CSIR-NPL, New Delhi	Chemical Sciences	Asit Patra	Synthesis and characterization of anode interfacial and absorbing layers for excitonic solar cell application	01.04.2021
55	10BB14J25003	Rahul Michael	CSIR-NBRI, Lucknow	Biological Sciences	Prabodh K. Trivedi	Light-mediated transcriptional regulation of terpenoid biosynthetic pathway in Arabidopsis thaliana	06.04.2021
56	20EE14J08021	Nalawade Sagar Arjun	CSIR-CFTRI, Mysuru	Engineeri ng Sciences	H. Umesh Hebbar	Electromagnetic radiation based hybrid drying of vegetable and herb: Process efficiency and product quality evaluation	06.04.2021
57	10PP16A01002	Falae Philips Omowumi	CSIR-CBRI, Roorkee	Physical Sciences	D.P. Kanungo	Integrated geo-investigation for landslide assessment	06.04.2021
58	10CC17J26050	Said Madhukar Shyam	CSIR-NCL, Pune	Chemical Sciences	Jayant M.Gajbhiye	Total synthesis of butenolide cinnamate and synthetic exploration in to carbon-fluorine bond forming reaction	06.04.2021
59	10CC15A18004	Chidirla Swetha	CSIR-IICT, Hyderabad	Chemical Sciences	V. Jayathirtha Rao	Design, synthesis and characterization of novel organic molecules involving pyrene and oxadiazoles for organic light emitting diode applications	07.04.2021
60	10BB15A02019	Mohit Aggarwal	CSIR-IGIB, New delhi	Biological Sciences	Anurag Agarwal	Study of lung function & its development (SOLID) in Indian children	07.04.2021
61	10BB14A16025	Sushma Rani Turkey	CSIR- CSMCRI, Bhavnagar	Biological Sciences	Sandhya Mishra	An approach to develop an efficient microbial system for degradation of polycyclic aromatic hydrocarbons	07.04.2021
62	10CC16A10010	Sadiya Khwaja	CSIR- CIMAP, Lucknow	Chemical Sciences	Arvind Singh Negi	Nature inspired microtubule destabilizers as possible cancel chemotherapeutics	07.04.2021
63	10CC14J39019	Athira K. J.	CSIR-NIIST, Thiruvanan thapuram	Chemical Sciences	K.R. Gopidas	Design, synthesis and self-assembly of $\beta$ -cyclodextrin based donor-acceptor systems for charge transfer and photoinduced electron transfer applications	07.04.2021

64	10CC15A26004	Vivek Wakchaure	CSIR-NCL, Pune	Chemical Sciences	S.B. Sukumaran	A transition from non-processable to processable 2D-polymers using solvent-free organic liquids	22.04.2021
65	10CC17J26003	Rangarajan B	CSIR-NCL, Pune	Chemical Sciences	Sayan Bagchi	Tuning the photophysical properties of low dimensional hybrid perovskites	22.04.2021
66	10CC15A26020	Milan Kumar Bisai	CSIR-NCL, Pune	Chemical Sciences	Sakya S. Sen	Synthesis and reactivity of hypersilylsilylene and catalytic applications of organosilicon and lithium compounds	22.04.2021
67	10BB17J37017	Ntemafack Augustin	CSIR-IIIM, Jammu	Biological Sciences	Qazi Parvaiz Hassan	Evaluation of bioactivities of secondary metabolites of Rumex species and their endophytes	22.04.2021
68	10BB13J36001	Sanghamitra Mohapatra	CSIR-IMMT, Bhubaneswar	Biological Sciences	Manish Kumar	Production of biochars and its assessment for Cr remediation in chromite mining overburden and wastewater	22.04.2021
69	10BB15J37006	Souneek Chakraborty	CSIR-IIIM, Jammu	Biological Sciences	Anindya Goswami	Elucidating the molecular signaling activation attributable to drug induced DNA damages eventually leading to aberrant colon cancer metastasis	22.04.2021
70	10BB14A16021	Jyoti Kumari	CSIR-CSMCRI, Bhavnagar	Chemical Sciences	Mangal Singh Rathore	Cloning and characterization of Na <sup>+</sup> /H <sup>+</sup> antiporter gene from Kappaphycus alvarezii	22.04.2021
71	10BB17A08014	Sandopu Sravan Kumar	CSIR-CFTRI, Mysuru	Biological Sciences	Parvatam Giridhar	Isolation and characterization of potential nutraceutical compounds from fruits of Basella rubra L. for value addition	22.04.2021
72	20EE16A27001	Ashootosh Mandpe	CSIR-NEERI, Nagpur	Engineering Sciences	Sunil Kumar	Sustainable utilization of fly ash in in-vessel composting of agricultural waste	22.04.2021
73	10CC15A18031	Gopala Rao Nalliboina	CSIR-IICT, Hyderabad	Chemical Sciences	B. Venkateswara Rao	DDQ mediated stereoselective synthesis, immunological evaluation of (-)-cytoxazone, (-)-4-epi-cytoxazone and their analogues, dearomatisation of indoles triggered by silver catalyzed enyne cyclization leading to polycyclic dihydroindoloisoquinoline derivatives and facile synthesis of $\alpha$ -acyloxy ketones from terminal alkynes using hypervalent iodine(III)	22.04.2021
74	10CC14A05004	S. Sasikala	CSIR-CECRI, Karaikudi	Chemical Sciences	Santoshkumar D. Bhat	Functionalized clay and zeolite based composite polymer electrolytes for direct methanol fuel cells	22.04.2021
75	10CC14A32012	Mohd Aatif	CSIR-NPL, New Delhi	Chemical Sciences	Jai Prakash Tiwari	Interface energy barrier modulation for improved performance of organic solar cells	22.04.2021
76	10BB15A38008	Barbi Gogoi	CSIR-NEIST, Jorhat	Biological Sciences	S P Saikia	Molecular and in-silico analysis of Clerodendrum species from North East India	22.04.2021



77	10PP15A32004	Ravikant	CSIR-NPL, New Delhi	Physical Sciences	Ashok Kumar	Ferroelectric tunnel junction for multistate non-volatile memory elements	22.04.2021
78	10BB16J18033	Khursade Parag Sakharam	CSIR-IICT, Hyderabad	Chemical Sciences	R.S. Prakasham	Isolation, purification, optimisation and characterisation of potent fibrinolytic enzyme from <i>Stenotrophomonas maltophilia</i> Gd2 and its application in treatment of thrombosis	22.04.2021
79	10CC16A18031	Potuganti Gal Reddy	CSIR-IICT, Hyderabad	Chemical Sciences	A. Manjula	Copper-catalyzed multicomponent approaches: Access to fused and spiro heterocyclic compounds via C-N bond formation	22.04.2021
80	10CC15J18009	Aravind Reddy Dorigundla	CSIR-IICT, Hyderabad	Chemical Sciences	B. Venkateswar a Rao	Stereoselective approaches for the synthesis of Peracetylated (-)-gloeosporiol, some carbasugars and amino carbasugars	22.04.2021
81	10CC16J18012	Suresh Udutha	CSIR-IICT, Hyderabad	Chemical Sciences	S. Prabhakar	Characterization and toxicity evaluation of degradation products of sumatriptan succinate and borteomib; A quantitative determination of serum key metabolites in pregnant women with hypertensive disorders, and avascular necrosis of femoral head patients by LC-MS/MS	22.04.2021
82	10CC16J18006	Matam Parameshwar	CSIR-IICT, Hyderabad	Chemical Sciences	M. Sridhar Reddy	Novel annulation reactions of electron deficient alkynes with crotonate derived active methylene compounds	22.04.2021
83	10CC16A38005	Kashmiri Neog	CSIR-NEIST, Jorhat	Chemical Sciences	P Gogoi	Development of novel strategies for the synthesis of coumestan, isocoumarin, benzofuran and arylphosphorous compounds via Arynes	22.04.2021
84	10CC15J16006	Rajathsing K	CSIR- CSMCRI, Bhavnagar	Chemical Sciences	Kannan Srinivasan	Layered double hydroxide-polymer nanocomposite: Multi-functional materials for diverse applications	22.04.2021
85	10CC16J18017	Wagalgave Sopan Mahadev	CSIR-IICT, Hyderabad	Chemical Sciences	Sidhanath V. Bhosale	Design, synthesis, supramolecular self-assembly and optoelectronic applications of small organic molecules	22.04.2021
86	10BB13J33002	Bharati Lalhal Barsain	CSIR-IHBT, Palampur	Biological Sciences	Vipin Hallan	Assessment of geranyl pyrophosphate synthase/geranyl geranyl pyrophosphate synthase (GPPS/GGPPS) enzyme system and epigenetic regulation upon picroside biosynthesis pathway of <i>Picrorhiza kurroa</i> Royle ex Benth.	17.05.2021
87	10CC16A11001	A. A. Boopathi	CSIR-CLRI, Chennai	Chemical Sciences	T. Narasimhasw amy	Design, synthesis and self-assembly studies of $\pi$ -conjugated tetrabenzofluorene (TBF) luminogens	17.05.2021
88	10CC15A26024	Shailja Jain	CSIR-NCL, Pune	Chemical Sciences	Kumar Vanka	Computational studies of the explicit role of the solvent in facilitating transformations in main group chemistry	17.05.2021

89	10CC15J26007	Ravindra Mule	CSIR-NCL, Pune	Chemical Sciences	Senthilkumar Beeran	Metal-mediated intramolecular cyclization of pyridino-alkynes	17.05.2021
90	10CC17J38002	Gongutri Borah	CSIR-NEIST, Jorhat	Chemical Sciences	P Patel	Synthesis of N-heterocyclic compounds via metal catalysed carbon functionalisation	17.05.2021
91	20EE12A26080	Sameer Huprikar	CSIR-NCL, Pune	Engineeri ng Sciences	Ashish V. Orpe	Rheology and microstructure of capillary force induced gels	17.05.2021
92	20EE15J35002	Karan Singh Verma	CSIR- AMPRI, Bhopal	Engineeri ng Sciences	S.K. Panthi	Numerical and experimental studies of deformation behavior of closed cell aluminium foam	17.05.2021
93	10PP14A05006	M. Mathankumar	CSIR-CECRI, Karaikudi	Physical Sciences	B. Subramanian	Fabrication of transition metal oxide/sulphide thin films by pulsed laser deposition for Energy applications	17.05.2021
94	10BB14A17008	Soumi Biswas	CSIR-IICB, Kolkata	Biological Sciences	Sharmila Chattopadhy ay	An investigation on Podophyllum hexandrum – a potential source of the anticancer drug podophyllotoxin	17.05.2021
95	10BB15J08009	Dongala Venkataraman amma	CSIR-CFTRI, Mysuru	Biological Sciences	R.P. Singh	Studies on effect of pomegranate peel extract on polyamine metabolism in acrylamide induced cytotoxicity	17.05.2021
96	10BB14J16014	Aditya Prakash Rathore	CSIR- CSMCRI, Bhavnagar	Biological Sciences	D.R. Chaudhary	Study of nutrient cycling, phenology and population dynamics of halophytes in coastal saline ecosystem of Gujarat	17.05.2021
97	10BB16A33008	Swati Walia	CSIR-IHBT, Palampur	Biological Sciences	Rakesh Kumar	Effect of nutrients, weed management and altitude on biomass, essential oil yield and quality traits of Tagetes minuta L.	17.05.2021
98	10BB15A33002	Mitali Mahajan	CSIR-IHBT, Palampur	Biological Sciences	Probir Kumar Pal	Understanding the growth, physiological and biochemical responses of Stevia rebaudiana Bertoni. under salinity, moisture and nutritional regimes	17.05.2021
99	20EE16A15007	Javed Ahmad	CSIR-CSIO, Chandigarh	Engineeri ng Sciences	H K Sardana	Non-stationary thermal wave imaging for subsurface defect detection in metals	17.05.2021
100	20EE14A24003	Kishora Shetty	CSIR-NAL, Bangalore	Engineeri ng Sciences	Shylaja Srihari	Hot-wet environmental effects on properties of IMA/M21E aerospace grade CFRP composite	17.05.2021
101	20EE17A35003	Hemant Jain	CSIR- AMPRI, Bhopal	Engineeri ng Sciences	D.P. Mondal	Synthesis of open cell stainless steel foam prepared by powder metallurgy routes and its characterization	01.06.2021
102	10BB15J39007	Reshma R.	CSIR-NIIST, Thiruvanan thapuram	Biological Sciences	Muthu Arumugam	Identification of selenoprotein T and enrichment of organic selenium from edible microalgae for nutraceutical applications	18.05.2021



103	10BB14A02023	Nishant Kumar	CSIR-IGIB, New delhi	Biological Sciences	Anurag Agrawal	Role of protein kinases in physiology and sporulation of Bacillus anthracis	01.06.2021
104	10BB14A25003	Vinay Kumar	CSIR-NBRI, Lucknow	Biological Sciences	Hemant K. Yadav	Molecular marker and phenotypic trait based genetic diversity analysis in Lepidium sativum Linn.	01.06.2021
105	10PP14A45002	Stella Jes Varghese	CSIR-4PI, Bangalore	Physical Sciences	Sajani Surendran	Impact of resolution and deep convection scheme on simulation of Indian summer monsoon and its projection under multiple RCPs using multiforcing ensembles	01.06.2021
106	10BB14J26020	Patil Gouri Vijay	CSIR-CFTRI, Mysuru	Biological Sciences	Mahesh J. Kulkarni	Investigation of diabetes as a risk factor for development of Alzheimer's disease	01.06.2021
107	10BB17A17003	Sukanya Mozumder	CSIR-IICB, Kolkata	Biological Sciences	Jayati Sengupta	Investigation on ligand-based structure and dynamic properties of serotonin (5-HT) G-protein coupled receptor (GPCR)	01.06.2021
108	20BE15J08010	Shewale Sandhya Rustumrao	CSIR-CFTRI, Mysuru	Engineeri ng Sciences	Umesh Hebbar H	Integrated electromagnetic radiation treatment and low humidity air drying of apple and rosemary for improving product quality	01.06.2021
109	20EE14A15005	Ratan Das	CSIR-CSIO, Chandigarh	Engineeri ng Sciences	Neelesh Kumar	Instrumentation system for analysis and classification of gait disorders	01.06.2021
110	10CC15J18032	Vanammoole Lakshmi Reddy	CSIR-IICT, Hyderabad	Chemical Sciences	B. China Raju	Synthesis and selective halogenation of biologically active heterocyclic compounds mediated by Oxone /Nax	02.06.2021
111	10CC13A26031	Kalbhor Dinesh Bapusaheb	CSIR-NCL, Pune	Chemical Sciences	S.P. Chavan	Synthetic studies towards biotin, stemoamide, hydroxylated piperidine and azepane	02.06.2021
112	10CC15J24004	Srinivasa Rao Atchuta	CSIR-NAL, Bangalore	Chemical Sciences	Harish C. Barshilia	Development of stable selective solar absorber coatings for concentrated solar thermal applications	02.06.2021
113	10CC16A16003	Bhingradiya Nutanben Himmatlal	CSIR- CSMCRI, Bhavnagar	Chemical Sciences	Suresh Kumar Jewrajaka	Synthesis of biodegradable amphiphilic copolymers and conetworks by sequential nucleophilic substitution reaction and applications	02.06.2021
114	10CC15A26015	Pronay Das	CSIR-NCL, Pune	Chemical Sciences	Srinivasa Reddy	Antimalarial natural product cladosporin: synthesis of stereoisomeric library, lead optimization, co- crystallization and biological evaluation and synthesis of related macrocyclic natural products	02.06.2021
115	10CC17J26049	Poonam Yadav	CSIR-NCL, Pune	Chemical Sciences	Manjusha Shelke	Synthesis and electrochemical study of tunable alloying-conversion hybrid anodes for rechargeable Li- ion batteries	02.06.2021

116	10CC17A26030	Sudhakar V	CSIR-NCL, Pune	Chemical Sciences	K. Krishnamoort hy	Approaches to suppress back electron transfer and improve dye sensitised solar cell performance	02.06.2021
117	10BB14J25002	Ria Khare	CSIR-NBRI, Lucknow	Biological Sciences	Prabodh K. Trivedi	Molecular mechanisms involved in arsenic stress response under limiting sulphur condition in Arabidopsis thaliana natural variation	02.06.2021
118	10BB15A39021	Anupama Nair	CSIR-NIIST, Thiruvanan thapuram	Biological Sciences	Raghu K.G.	Upregulation of inflammatory mediators during diabetic cardiomyopathy and possible amelioration with cinnamic acid	14.06.2021
119	10PP14J45002	SILPA K	CSIR-4PI, Bangalore	Physical Sciences	Anil Earnest	A study on Indian plate seismogenesis using kinematic slip distribution models of selected earthquakes	14.06.2021
120	10CC15A19003	Anurag Kumar	CSIR-IIP, Dehradun	Chemical Sciences	Suman L. Jain	Semiconductor-metal hybrid materials for photocatalytic activation of organic compounds	14.06.2021
121	10CC15A18008	Kommer Rajkumar	CSIR-IICT, Hyderabad	Chemical Sciences	B. China Raju	Synthesis of 3-formylchromone and coumarin based heterocycles of biological interest through novel approaches	14.06.2021
122	20EE14A41001	Shaumik Ray	CSIR-SERC, Chennai	Engineeri ng Sciences	Saptarshi Sasmal	Investigation on the hydration processes of cementitious systems using MIR and THz spectroscopy	14.06.2021
123	10BB18J17001	Jit Sarkar	CSIR-IICB, Kolkata	Biological Sciences	Partha Chakrabarti	Pathophysiological characterization of non-obese type 2 diabetes mellitus	14.06.2021
124	10BB14A02005	Amrita Singh	CSIR-IGIB, New delhi	Biological Sciences	Souvik Maiti	Dissecting the functional role of triplex forming long noncoding RNAs	14.06.2021
125	10BB14A02004	Amit Chandra	CSIR-IGIB, New delhi	Biological Sciences	Neeru Saini	Functional characterization of miR-128 in maintaining cholesterol homeostasis	14.06.2021
126	10BB14A02026	S J Yogaspoorthi	CSIR-IGIB, New delhi	Biological Sciences	Vivek T Natarajan	Deciphering the role of guidance cues in melanocyte migration, patterning and survival	14.06.2021
127	10CC13A36021	Kishore Kumar Sahu	CSIR- IMMT, Bhubanesw ar	Chemical Sciences	Mamata Mohapatra	Synthesis of Fe, Cu and Ni oxalates and their oxides for photocatalytic and energy storage applications	14.06.2021
128	10CC16J18007	Nagarjunachar y Ragi	CSIR-NAL, Bangalore	Chemical Sciences	S. Prabhakar	Mass spectrometry analysis of uremic toxins and key metabolites in the blood of chronic kidney disease patients and stress degradation studies of vortioxetine	14.06.2021



129	20EE16J39005	Minju N.	CSIR-NIIST, Thiruvananthapuram	Engineering Sciences	Savithri S.	Surface engineered porous silicates and hybrid materials for sorption applications	14.06.2021
130	10CC16A11002	Ch. Venkata Suryakumar	CSIR-CLRI, Chennai	Chemical Sciences	V. Subramanian	Computational studies on catalytic applications of boron nitride nanomaterials for nitrogen fixation	14.06.2021
131	10CC17A18001	M.B. Mrinalini	CSIR-IICT, Hyderabad	Chemical Sciences	L. Giribabu	Self-assembly of redox active materials for optoelectronic applications	14.06.2021
132	10PP12J45002	Ipsita Putatunda	CSIR-4PI, Bangalore	Physical Sciences	K. Rajendran	Characteristics of heating and moisture in tropics: An observational study	14.06.2021
133	10CC15J38009	Bithika Chaliha	CSIR-NEIST, Jorhat	Chemical Sciences	S P Saikia	Screening of some tree borne oilseeds of forest origin of North-East India for edible and non-edible applications	21.06.2021
134	10BB14J26019	Gorantla Vijay Nalini	CSIR-NCL, Pune	Biological Sciences	Subashchandrabose Chinnathamb i	Unravelling tau aggregation using small molecules by augmenting heat shock protein response	21.06.2021
135	10PP14J27002	Kukde Sanchita Vijay	CSIR-NEERI, Nagpur	Physical Sciences	B.K. Sarangi	Mapping selected plant species using morphological, physiological and biochemical tools towards capability enhancement for greenhouse gas (GHG) sequestration and resource generation	21.06.2021
136	10BB16J16003	Bablesh Ranawat	CSIR-CSMCRI, Bhavnagar	Biological Sciences	Aneesha Singh	Studies on halo-tolerant bacteria for agricultural applications	21.06.2021
137	10BB15J26039	Abhishek Balmik	CSIR-NCL, Pune	Biological Sciences	Subashchandrabose Chinnathamb i	Histone deacetylase 6 ZnF UBP as a regulator of Tau stability and neuronal functions	21.06.2021
138	10CC17J18003	Sinare Sudam Nana	CSIR-IICT, Hyderabad	Chemical Sciences	Ch. Raji Reddy	Synthetic studies on active pharmaceutical ingredients: Betrixaban, ibrutinib & eliglustat	21.06.2021
139	10CC16A18010	Guddeti Dileep Kumar	CSIR-IICT, Hyderabad	Chemical Sciences	K. Suresh Babu	Phytochemical and synthetic studies on bio-active constituents from some traditional flora (plants & lichens) and evaluation of their biological activities	21.06.2021
140	10CC14A26017	Praveen Kumar	CSIR-NCL, Pune	Chemical Sciences	Meitram Niraj Luwang	Discovery of graphene 'nanogate' structure: A new chemical bond entity and its energy applications	21.06.2021
141	10BB16J25007	Yogeshwar Vikram Dhar	CSIR-NBRI, Lucknow	Biological Sciences	Mehar H. asif	Bioinformatics based structural analysis of bi-functional TCS protein modules involved in ripening mechanism of fruits	21.06.2021

142	10BB14A37011	MUBashir Javed Mintoo	CSIR-IIIM, Jammu	Biological Sciences	D.M. Mondhe	Evaluation of new rohitukine analogues for their anticancer potential	21.06.2021
143	10BB15J37012	Suraya Jan	CSIR-IIIM, Jammu	Biological Sciences	Sayed Sajad Hussain	Discovery of new G9a inhibitors and their anticancer activity	21.06.2021
144	20EE16A32031	Shubhendra Kumar Jain	CSIR-NPL, New Delhi	Engineeri ng Sciences	Govind	Device engineering of III-Nitride semiconductors based sensors	22.06.2021
145	10CC17J26009	Rade Priyanka Prakash	CSIR-NCL, Pune	Chemical Sciences	Baijyantimal a Garnaik	Synthesis of poly (L-Lactide) using zinc salen complex and fabrication of biocompatible polymers nonwoven nanofibrous mats and films for biomedical applications	22.06.2021
146	10CC15A26029	Ambarish Kumar Singh	CSIR-NCL, Pune	Chemical Sciences	J Nithyanandh an	Squaraine based dyes for controlling the aggregation and charge recombination processes in dye-sensitized solar cells	22.06.2021
147	10BB15A26037	Motiwala Zenja Yazdi	CSIR-NCL, Pune	Biological Sciences	Kiran Kulkarni	Structural studies on Ras superfamily GTPases and their hematopoietic effectors: Zap70 and Asrij	23.06.2021
148	10BB14J26024	Shweta Sonawane	CSIR-NCL, Pune	Biological Sciences	Subashchand rabose Chinnathamb i	Small molecules abet neuronal cytoskeleton integrity and attenuate pathological tau aggregation and glycation	23.06.2021
149	10BB15J02003	Paras Sehgal	CSIR-IGIB, New delhi	Biological Sciences	Sridhar Sivasubbu	Long non-coding RNA mediated regulation of endothelial cell function	23.06.2021
150	10BB15A16009	Joshi Priyanka Satishchandra	CSIR- CSMCRI, Bhavnagar	Biological Sciences	Pradeep Kumar Agarwal	Isolation and characterization of NAC transcription factor from Aeluropus lagopoides for stress tolerance	23.06.2021
151	10BB16J18025	Jampala Annie Modestra	CSIR-IICT, Hyderabad	Biological Sciences	S. Venkata Mohan	Microbial catalyzed reduction of co2 to biobased products through bio-electrochemical synthesis and gas fermentation	23.06.2021
152	10BB17J18046	K. Amulya	CSIR-IICT, Hyderabad	Biological Sciences	S. Venkata Mohan	Sustainable production of succinic acid and polyhydroxyalkanoates through waste valorization and CO2 sequestration in a biorefinery framework	23.06.2021
153	10BB13A26037	Shakuntala Bai	CSIR-NCL, Pune	Biological Sciences	Mahesh Kulkarni	Study of methylglyoxal induced proteome in muscle cells	23.06.2021
154	10BB15J18044	S. Kathyayani	CSIR-IICT, Hyderabad	Biological Sciences	Rajkumar Banerjee	Evaluation of glucocorticoid receptor-modulating bioactive self-assemblies for developing cancer-targeted therapeutics	24.06.2021



155	10CC14J18057	Songhita Meher	CSIR-IICT, Hyderabad	Chemical Sciences	Rohit Kumar Rana	Designing facile routes to assemble graphene-based materials and nanocomponents with multifunctionalities	25.06.2021
156	10CC15J18037	Venkatesh Telugu	CSIR-IICT, Hyderabad	Chemical Sciences	S. Chandrasekhar	Synthetic studies towards (±)-Galanthamine and (±)-Cochlearol A	25.06.2021
157	10CC15J26016	Viveki Amol Basagonda	CSIR-NCL, Pune	Chemical Sciences	Santosh B. Mhaske	Development of synthetic transformations comprising C-H functionalization and NHC catalysis to access vital scaffolds via C-C and C-N bond formation	25.06.2021
158	20EE14J24001	Chandan Kumar A	CSIR-NAL, Bangalore	Engineering Sciences	L Venkatakrishnan	Role of the horseshoe vortex and the effect of controlling its formation at the wing-body intersection by a fairing design	25.06.2021
159	10CC16A18038	Subhash Chandra Shit	CSIR-IICT, Hyderabad	Chemical Sciences	John Mondal	Development of robust porous nanoarchitecture as heterogeneous catalyst for energy and environmental application	25.06.2021
160	10BB15A10006	Kaneez Fatima	CSIR-CIMAP, Lucknow	Biological Sciences	Suaib Luqman	Molecular and cell target based study of selected terpenoids as anticancer agents	25.06.2021



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