



Annual  
Report  
वार्षिक  
प्रतिवेदन

2022-23

Academy of Scientific and Innovative Research

वैज्ञानिक और नवीकृत अनुसंधान अकादमी





© 2023, Director, AcSIR

All Rights Reserved. Any unauthorized reprint or use of this material is prohibited. No part of this report may be reproduced or transmitted in any form or by means, electronics or mechanical, including photocopying recording or by any information storage and retrieval system without the prior permission in writing from the Director, AcSIR.



Particulars	Page No.
<b>Director's Message</b>	<b>04</b>
<b>About AcSIR</b>	<b>08</b>
<b>Governance, Academic and Administrative Structure</b>	<b>16</b>
<b>Academic Centres and Associate Academic Centres</b>	<b>37</b>
<b>Academic Programs</b>	<b>42</b>
<b>Students' &amp; Faculty Strength</b>	<b>50</b>
<b>Performance Highlights</b>	<b>56</b>
<b>New Associate Academic Centres</b>	<b>64</b>
<b>Academic Collaborations</b>	<b>66</b>
<b>Sixth convocation</b>	<b>70</b>
<b>Best Ph.D. Thesis awards</b>	<b>77</b>
<b>Events</b>	<b>81</b>
<b>Awards &amp; Achievements</b>	<b>91</b>
<b>Annexures</b>	
Annexure-1: M.Sc. Dissertation Title	119
Annexure-2: Ph.D. Degree theses	123
Annexure-3: Societal Programs	170
Annexure-4: Audit report	216







## Director's Message



I am delighted to present the Annual Report of the Academy of Scientific and Innovative Research (AcSIR), an institution of national importance devoted to fostering excellence in scientific research and education. As we reflect on the past year, we are filled with immense pride and gratitude for the accomplishments and advancements achieved by our esteemed institution. We can proudly affirm that AcSIR continues to hold a prominent position among the top academic institutions in the country.

Although, most of the achievements of the FY 2022-23 are presented in this report, I would like to highlight the significant accomplishments made during this year. A total of 1158 students were admitted in different academic programs, including Ph.D, M.Sc, M.Tech, M.P.H and PG Diploma at various AcSIR Academic Centres. In the Ph.D program, a total of 1019 students were admitted under different subject faculties of STEM, which perhaps is the highest among the institutions of higher education in India. During this year, 562 students were awarded their Ph.D degree in different disciplines. AcSIR contributed 2997 research papers in 2022 in reputed indexed journals in the multi-research domains of STEM.

Our unwavering commitment to excellence has placed AcSIR among the elite institutions in the country, as evident



from significant progress in various rankings. It gives me pleasure to inform that the Academy of Scientific and Innovative Research (AcSIR) has made a significant leap in the NIRF (National Institutional Ranking Framework) ranking, moving from 22 to 18 in the 'Research category' of NIRF 2022. Moreover, on the global front, AcSIR has gained immense recognition. In the esteemed SCImago institutions ranking, AcSIR achieved the overall 2<sup>nd</sup> position in 2022 in India. AcSIR also achieved the 12<sup>th</sup> rank in the Nature Index among Universities in India and ranked at the 2<sup>nd</sup> position in the subject of 'Chemistry'. These accomplishments are a testament to the tireless efforts of our faculty, staff, and students, who have worked together to create an environment of academic excellence and research innovation.

I express my deep sense of gratitude to Prof. (Mrs.) N. Kalaiselvi, Chancellor AcSIR and Director General, CSIR for her invaluable support and advice. I am also grateful to the members of BoG, Senate, Board of Studies for their all-sphere involvement in the continuous growth of the Academy. I take this opportunity to express my heartfelt appreciation to the Directors of all CSIR labs. Their exemplary leadership and seamless conduct of the AcSIR academic programs in their respective labs have been instrumental in creating conducive environment for undertaking cutting edge research.

I extend my sincere thanks to all the Deans, Associate Deans, and Coordinators of the AcSIR centres for their unwavering commitment and dedicated efforts in

ensuring academic compliances and constant monitoring of the academic processes within their respective domains of responsibilities. Furthermore, I would also like to express my heartfelt thanks to all the faculty members for their outstanding contributions to the growth and development of AcSIR. It is through their dedication and expertise that our students have been inspired to excel in their academic pursuits and contribute to frontline areas of research and innovation. Most importantly, I wish to extend my appreciation and acknowledge the hard work and dedication of our students, who truly form the backbone of AcSIR. Our students are the driving force behind our institution's success, and their thirst for excellence and passion for research have contributed significantly to our achievements.

As we celebrate the accomplishments of the past years, let us look forward with renewed enthusiasm and determination to achieve even greater heights of excellence. I am confident that with the dedication, passion, and talent that define our institution, we will continue to shape a brighter and more promising future for all.

- Prof. Manoj K. Dhar  
Director, AcSIR



## निदेशक की कलम से



मुझे वैज्ञानिक अनुसंधान और शिक्षा में उत्कृष्टता को बढ़ावा देने के लिए समर्पित राष्ट्रीय महत्व की संस्था, वैज्ञानिक और नवीकृत अनुसंधान अकादमी (एसीएसआईआर) की वार्षिक रपट प्रस्तुत करते हुए अत्यधिक प्रसन्नता की अनुभूति हो रही है। जैसे ही हम पिछले वर्ष पर विचार करते हैं, हम अपने प्रतिष्ठित संस्थान द्वारा हासिल की गई उपलब्धियों और प्रगति के लिए अत्यधिक गर्व और कृतज्ञता से भर जाते हैं। हम गर्व से पुष्टि कर सकते हैं कि एसीएसआईआर देश के शीर्ष शैक्षणिक संस्थानों में एक प्रमुख स्थान रखता है।

हालाँकि, वित्त वर्ष 2022-23 की अधिकांश उपलब्धियाँ इस रपट में प्रस्तुत की गई हैं, मैं इस वर्ष के दौरान की गई महत्वपूर्ण उपलब्धियों पर प्रकाश डालना चाहूँगा। विभिन्न एसीएसआईआर शैक्षणिक केंद्रों में पीएचडी, एम.एससी., एम.टेक, एम.पी.एच. और पी.जी. डिप्लोमा सहित विभिन्न शैक्षणिक कार्यक्रमों में कुल 1158 छात्रों को प्रवेश दिया गया। पीएचडी कार्यक्रम में, एसटीईएम के विभिन्न विषय संकायों के तहत कुल 1019 छात्रों को प्रवेश दिया गया, जो शायद भारत में उच्च शिक्षा संस्थानों में सबसे अधिक है। इस वर्ष के दौरान, 562 छात्रों को विभिन्न विषयों में पीएचडी की डिग्री प्रदान की गई। एसीएसआईआर ने एसटीईएम के बहु-अनुसंधान डोमेन में प्रतिष्ठित अनुक्रमित पत्रिकाओं में 2022 में 2997 शोध पत्रों का योगदान दिया।

उत्कृष्टता के प्रति हमारी अटूट प्रतिबद्धता ने एसीएसआईआर को देश के विशिष्ट संस्थानों में शामिल कर दिया है, जैसा कि विभिन्न रैंकिंग में महत्वपूर्ण प्रगति से स्पष्ट है। मुझे यह बताते हुए खुशी हो रही है कि वैज्ञानिक और नवीकृत अनुसंधान अकादमी (एसीएसआईआर) ने NIRF (नेशनल इंस्टीट्यूशनल रैंकिंग फ्रेमवर्क) रैंकिंग में एक महत्वपूर्ण छलांग लगाई है, जो एनआईआरएफ 2022



की 'रिसर्च श्रेणी' में 22 से 18वें स्थान पर आ गई है। वैश्विक मोर्चे पर, एसीएसआईआर को अपार मान्यता मिली है। प्रतिष्ठित SCImago संस्थानों की रैंकिंग में, एसीएसआईआर ने 2022 में भारत में समग्र रूप से दूसरा स्थान हासिल किया। एसीएसआईआर ने भारत के विश्वविद्यालयों के बीच प्रकृति सूचकांक में 12वीं रैंक हासिल की और 'रसायन विज्ञान' विषय में दूसरे स्थान पर रहा। ये उपलब्धियाँ हमारे संकाय, कर्मचारियों और छात्रों के अथक प्रयासों का प्रमाण हैं, जिन्होंने अकादमिक उत्कृष्टता और अनुसंधान नवाचार का माहौल बनाने के लिए मिलकर काम किया है।

मैं प्रो. (श्रीमती) एन. कलैसेल्वी, चांसलर, एसीएसआईआर और महानिदेशक, सीएसआईआर के अमूल्य समर्थन और सलाह के लिए उनके प्रति अपनी गहरी कृतज्ञता व्यक्त करता हूँ। मैं बीओजी, सीनेट, बोर्ड ऑफ स्टडीज के सदस्यों का भी आभारी हूँ, जो अकादमी के विकास में निरंतर प्रयासरत हैं। मैं इस अवसर पर सभी सीएसआईआर प्रयोगशालाओं के निदेशकों की हार्दिक सराहना करता हूँ। उनका अनुकरणीय नेतृत्व और संबंधित प्रयोगशालाओं में एसीएसआईआर शैक्षणिक कार्यक्रमों के निर्बाध संचालन हेतु अत्याधुनिक अनुसंधान के लिए अनुकूल वातावरण बनाने में सहायक रहा है।

मैं सम्मानित डीन, सहायक डीन और एसीएसआईआर केंद्रों के समन्वयकों के प्रति अपना आभार व्यक्त करता हूँ, उनके अडिग अनुशासन और समर्पित प्रयासों के लिए जिनसे वे अपने संबंधित दायित्व की पूर्ति करते हुए अकादमिक अनुपालन और निरंतर निरीक्षण को सुनिश्चित करते हैं। इसके अलावा मैं सभी शिक्षक सदस्यों के प्रति भी अपना गहरा आभार व्यक्त करना चाहूँगा, उनके उत्कृष्ट योगदानों के लिए एसीएसआईआर के विकास और उन्नति में उनके समर्पण और विशेषज्ञता के माध्यम से ही हमारे छात्रों को अपने अकादमिक पहलुओं में उत्साहित किया है और उन्हें अनुसंधान और नवाचार के अग्रणी क्षेत्रों में योगदान करने के लिए प्रेरित किया है।

सबसे महत्वपूर्ण बात यह है कि मैं अपने छात्रों की कड़ी मेहनत और समर्पण की सराहना करना चाहता हूँ, जो वास्तव में एसीएसआईआर की रीढ़ हैं। हमारे छात्र हमारे संस्थान की सफलता के पीछे प्रेरक

शक्ति हैं, और उत्कृष्टता के लिए उनकी संकल्पना और अनुसंधान के प्रति जुनून ने हमारी उपलब्धियों में महत्वपूर्ण योगदान दिया है।

जैसा कि हम पिछले वर्षों की उपलब्धियों का जश्न मना रहे हैं, आइए हम उत्कृष्टता की और भी अधिक ऊंचाइयों को प्राप्त करने के लिए नए उत्साह और दृढ़ संकल्प के साथ आगे बढ़ें। मुझे विश्वास है कि हमारे संस्थान को परिभाषित करने वाले समर्पण, जुनून और प्रतिभा के साथ, हम सभी के लिए एक उज्ज्वल और अधिक आशाजनक भविष्य को आकार प्रदान करते रहेंगे।



## About AcSIR



The AcSIR was established as an *Institution of National Importance* by an Act of Parliament in 2010 (by a resolution of Government of India on July 17, 2010) and formalized vide The Gazette of India (dated February 7, 2012) which was notified on April 3, 2012.

AcSIR is the largest Academic Institution for doctoral research in STEM in India having awarded more than 3613 PhD degrees so far and with around 6600 students currently registered for PhD in niche areas of Science and Engineering.

The academic functionality of AcSIR reflects a 'Hub and Spoke' model wherein the AcSIR Headquarter constitutes its hub for centralized shouldering of the responsibilities of academics-cum-administration in the perspectives of policy decisions, academic programme development and promotion, course curriculum development, academic alliances/collaborations, admissions, certification, academic monitoring and internal quality control, etc. Whereas, CSIR National Laboratories/Institutes represent the spokes of the model serving as the mainstay of teaching, learning, and facilitation of doctoral research work through its world class research

infrastructure and top-tier mentorship of students by its scientists (AcSIR faculty members). Currently, AcSIR has 38 Academic Centres (CSIR laboratories) and 17 Associate Academic Centres (non CSIR), and thereby offering opportunities for students for pursuing Ph.D. in Science & Engineering in >30 cities of the country. All centres are equipped with state-of-the-art equipment infrastructure and world-class research faculty, which is being harnessed to produce world-class doctorates in different niche areas of Engineering and Technology.

AcSIR also offers Joint Degree Program in Academic Collaboration with 3 Australian Universities namely RMIT University, Melbourne, University of Western Australia, Perth and Deakin University, Melbourne and 2 National Institutions namely National Institute of Ayurveda, Jodhpur and Institute of Teaching and Research in Ayurveda, Jamnagar, where the students are jointly supervised by faculty members from both institutions.

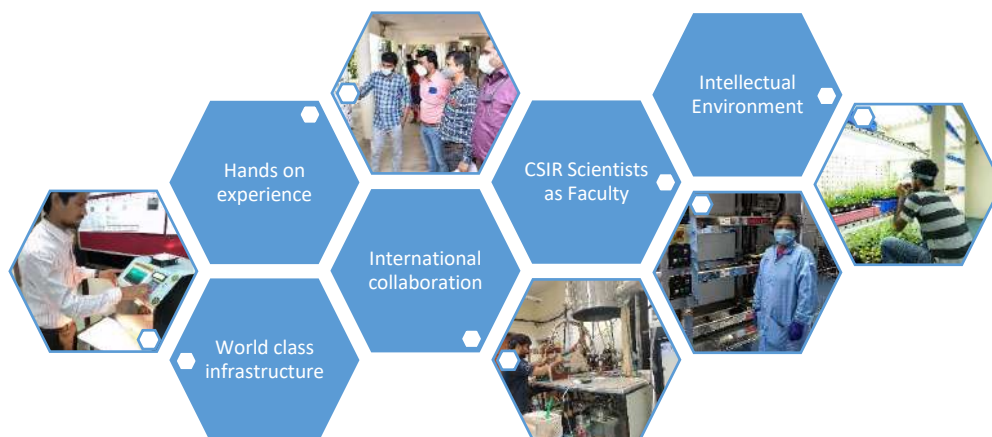
This reflects the rapidly rising position of AcSIR in the arena of higher education particularly, the doctoral programs in Science and Engineering. Geographically, AcSIR offers the opportunity of pursuing these academic programs through the academic centres at more than 25 locations across the length and breadth of the nation. These academic centres act as campuses of AcSIR. In addition, AcSIR is rapidly establishing academic linkages with reputed international universities/institutions of higher education to promote student mobility and exchange in a structured manner on a perennial academic attributed of advantage.



The objectives of AcSIR, as stipulated in the AcSIR Act 2011, are:

- To disseminate advanced knowledge in science and technology, by providing teaching and research facilities in such branches of learning as it may deem fit, particularly in emerging areas and such areas as may emerge in future;
- To undertake inter-disciplinary studies and research;
- To conduct courses in, and integrated into its courses, inter-disciplinary and multi-disciplinary areas covering natural sciences, life sciences, mathematical and computational sciences, medical sciences, engineering, applied art, humanities, social sciences, law relating to these areas and interfaces thereof;
- To take appropriate measures for innovations in teaching and learning processes;
- To create an ambience for learning and scholarship in advanced science and technology instead of exclusively focusing on marks or grades;
- To educate and train manpower in scientific and technological fields;
- To establish linkages with industries in India and outside India for the promotion of science and technology;
- To collaborate, in appropriate areas in the field of science and technology, with reputed universities and institutions in India or outside India;
- To promote research in science and technology having an impact on social, economic, cultural, intellectual and academic welfare of the people;

As a broad mandate and mission, AcSIR undertakes to offer the opportunities of pursuance of high-quality education and advanced research in frontier areas of Science and Technology for students aspiring for world class research career path. This mandate and mission of AcSIR is being achieved progressively through interdisciplinary and cross-disciplinary R&D approaches at present covered under 5 faculties of study: Biological Science, Chemical Science, Engineering Science, Mathematical & Information Science and Physical Science. As on March 31 of 2023, –more than 4400 (3613 Ph.D. and 798 Masters) Masters and PhD students have graduated from AcSIR, out of which the Ph.D. graduates comprise a major proportion.





## एसीएसआईआर के बारे में



एसीएसआईआर 2010 में एक संसदीय अधिनियम द्वारा राष्ट्रीय महत्व के एक संस्थान के रूप में स्थापित किया गया था (भारत सरकार के 17 जुलाई 2010 के एक संकल्प द्वारा) और औपचारिक रूप से भारत के राजपत्र (दिनांक 7 फरवरी, 2012) में सूचित किया गया था, जिसे 3 अप्रैल, 2012 को अधिसूचित किया गया।

एसीएसआईआर भारत में विज्ञान, प्रौद्योगिकी, अभियांत्रिकी और गणित में डॉक्टरल शोध के लिए सबसे बड़ा शैक्षणिक संस्थान है, जिसने अब तक 3613 से अधिक पीएचडी डिग्री प्रदान की है और वर्तमान में लगभग 6600 छात्र विज्ञान और इंजीनियरिंग के विशिष्ट क्षेत्रों में पीएचडी के लिए पंजीकृत हैं।

एसीएसआईआर का शैक्षिक कार्यक्रम एक 'हब और स्पोक' मॉडल को प्रतिबिंबित करता है जिसमें एसीएसआईआर के मुख्यालय को केंद्रीकृत रूप से शैक्षिक-सह-प्रशासनिक जिम्मेदारियों का निर्वहन करना होता है जैसे- नीति निर्धारण, शैक्षिक कार्यक्रम विकास और प्रचार, पाठ्यक्रम विकास, शैक्षिक सहयोग, प्रवेश, प्रमाणपत्र, शैक्षिक निगरानी और आंतरिक गुणवत्ता नियंत्रण आदि। वहीं, सीएसआईआर नेशनल लैबोरेटरीज/संस्थान मॉडल के स्पोक का प्रतिनिधित्व करते हैं जो डॉक्टरल शोध कार्य के लिए शिक्षण, अध्ययन और सुविधाएं प्रदान करते हैं, जिसमें उनके वैज्ञानिकों (एसीएसआईआर के फैकल्टी सदस्य) द्वारा छात्रों के उत्कृष्ट मार्गदर्शन की सुविधा

होती है। वर्तमान में, एसीएसआईआर के पास 38 शैक्षिक केंद्र (सीएसआईआर प्रयोगशालाएं) और 16 सहयोगी शैक्षिक केंद्र (सीएसआईआर से असंबंधित) हैं, और इस तरह देश के >30 शहरों में छात्रों को विज्ञान और इंजीनियरिंग में डॉक्टरेट के अवसर प्रदान किये जा रहे हैं। सभी केंद्र आधुनिकतम उपकरण ढांचे और विश्वस्तरीय शोध फैकल्टी से सुसज्जित हैं, जिनका उपयोग इंजीनियरिंग और प्रौद्योगिकी के विभिन्न क्षेत्रों में विश्वस्तरीय डॉक्टरेटों को उत्पन्न करने के लिए किया जा रहा है।

एसीएसआईआर 3 ऑस्ट्रेलियाई विश्वविद्यालयों अर्थात् आरएमआईटी विश्वविद्यालय, मेलबर्न, पश्चिमी ऑस्ट्रेलिया विश्वविद्यालय, पर्थ और डीकिन विश्वविद्यालय, मेलबर्न एवं 2 राष्ट्रीय संस्थानों अर्थात् राष्ट्रीय आयुर्वेद संस्थान, जोधपुर और आयुर्वेद शिक्षण एवं अनुसंधान संस्थान, जामनगर के साथ अकादमिक सहयोग में संयुक्त डिग्री कार्यक्रम भी प्रदान करता है, जहां छात्रों को दोनों संस्थानों के संकाय सदस्यों द्वारा संयुक्त रूप से पर्यवेक्षित किया जाता है और शोध प्रबंध किए जाते हैं, जो दोनों संस्थानों की आवश्यकताओं को पूर्ण करती है। यह उच्च शिक्षा, विशेष रूप से विज्ञान और अभियांत्रिकी में डॉक्टरेट कार्यक्रमों के क्षेत्र में एसीएसआईआर की तेजी से बढ़ती स्थिति को दर्शाता है। भौगोलिक दृष्टि से, एसीएसआईआर देश भर में 25 से अधिक स्थानों पर शैक्षणिक केंद्रों के माध्यम से इन शैक्षणिक कार्यक्रमों को आगे बढ़ाने का अवसर प्रदान करता है। ये शैक्षणिक केंद्र एसीएसआईआर के परिसरों के रूप में कार्य करते हैं। इसके अलावा, एसीएसआईआर तेजी से प्रतिष्ठित अंतरराष्ट्रीय विश्वविद्यालयों/उच्च शिक्षा संस्थानों के साथ शैक्षणिक संबंध स्थापित कर रहा है ताकि छात्रों की गतिशीलता को बढ़ावा दिया जा सके और शैक्षणिक आधार पर संरचित तरीके से आदान-प्रदान किया जा सके।



एसीएसआईआर अधिनियम 2011 में निर्धारित एसीएसआईआर के उद्देश्य :-

- विज्ञान और प्रौद्योगिकी में उन्नत ज्ञान का प्रसार करना, सीखने की ऐसी शाखाओं में शिक्षण और अनुसंधान सुविधाएं प्रदान करना जो उचित हों और विशेष रूप से उभरते क्षेत्रों और ऐसे क्षेत्रों में जो भविष्य में उभर सकते हैं;
- अंतर-विषयक अध्ययन और अनुसंधान करना;
- प्राकृतिक विज्ञान, जीवन विज्ञान, गणितीय और कम्प्यूटेशनल विज्ञान, चिकित्सा विज्ञान, इंजीनियरिंग, अनुप्रयुक्त कला, मानविकी, सामाजिक विज्ञान, इन क्षेत्रों से संबंधित नियम को कवर करने वाले अंतर-विषयक और बहु-विषयक क्षेत्रों में पाठ्यक्रम संचालित और एकीकृत करना और उनका प्रसार;
- शिक्षण और सीखने की प्रक्रियाओं में नवाचारों के लिए उचित उपाय करना;
- विशेष रूप से अंक या ग्रेड पर ध्यान केंद्रित करने के बजाय उन्नत विज्ञान और प्रौद्योगिकी में सीखने और छात्रवृत्ति के लिए माहौल बनाना;
- वैज्ञानिक और तकनीकी क्षेत्रों में जनशक्ति को शिक्षित और प्रशिक्षित करना;
- विज्ञान और प्रौद्योगिकी को बढ़ावा देने के लिए भारत और भारत के बाहर के उद्योगों के साथ संबंध स्थापित करना;
- भारत या भारत के बाहर प्रतिष्ठित विश्वविद्यालयों और संस्थानों के साथ विज्ञान और प्रौद्योगिकी के क्षेत्रों में सहयोग करना;
- लोगों के सामाजिक, आर्थिक, सांस्कृतिक, बौद्धिक और शैक्षणिक कल्याण पर प्रभाव डालने वाले विज्ञान और प्रौद्योगिकी में अनुसंधान को बढ़ावा देना

एक व्यापक जनादेश और मिशन के रूप में, एसीएसआईआर विश्व स्तरीय अनुसंधान कैरियर पथ के इच्छुक छात्रों के लिए विज्ञान और प्रौद्योगिकी के अग्रणी क्षेत्रों में उच्च गुणवत्ता वाली शिक्षा और उन्नत अनुसंधान के अवसर प्रदान करने का कार्य करता है। एसीएसआईआर का यह लक्ष्य और मिशन वर्तमान में 5 अध्ययन क्षेत्रों जैविक विज्ञान, रासायनिक विज्ञान, इंजीनियरिंग विज्ञान, गणित और सूचना विज्ञान और भौतिक विज्ञान के तहत आने वाले अंतरविषयक और परिप्रेक्ष्यविषयक अन्तरिक्ष अनुसंधान प्रणालियों के माध्यम से प्रगतिशीलता के स्तर की शिक्षा और अग्रिम शोध की संभावनाओं का पालन करता है।

31 मार्च, 2023 तक, एसीएसआईआर से 4400 से अधिक (3613 डॉक्टरेट और 798 मास्टर्स) मास्टर्स और डॉक्टरेट छात्रों का स्नातक और डॉक्टरेट प्राप्त हो चुका है, जिनमें डॉक्टरेट ग्रेजुएट्स का एक बड़ा हिस्सा शामिल है।





National Laboratories of CSIR  
and a few ICMR, DST  
& other R&D Institutes of repute









## Academy Professors (AcSIR Life time Professorship)



**Prof. C.N.R. Rao**

Hon. President, JNCASR, Bangalore, India



**Prof. M.M. Sharma,**

Former Director, Institute of Chemical Technology (ICT), Mumbai, India



**Prof. G.M. Whitesides**

Harvard University, Cambridge, USA



**Prof. R.A. Mashelkar**

National Research Professor and Former Chairman & Board of Governors, AcSIR



**Prof. Samir K Brahmachari**

Former Director General, CSIR & Former Vice Chairman, AcSIR



**Prof. Vijay Kumar Saraswat**

Member NITI Aayog & Former Director DRDO, India



**Prof. Anil K. Gupta**

Founder Honey Bee Network,



**Shri N R Narayana Murthy**

Co-Founder, Infosys



**Prof. K. K. Aggarwal**

Chairman NBA & Former Founder Vice-Chancellor, GGSIPU India



**Prof. Suresh Bhargava**

Deputy Pro Vice-Chancellor, RMIT Australia



**Prof. Girish Sahni**

Former Director General, CSIR, & Former Secretary DSIR



**Dr. Krishna Ella**

Chairman & Managing Director of Bharat Biotech International Limited



**Prof. K. Vijay Raghavan**

National Biological Research Centre, Tata Institute of Fundamental Research.



**Dr. Surendra Pal**

Prof. Satish Dhawan Professor & Senior Advisor, ISRO Satellite Centre



**Dr. Swati Ajay Piramal**

Director, Piramal Foundation



**Dr. A. V. Rama Rao**

Avra Laboratories Pvt Limited



**Prof. Shekar C. Mande**

Former Director General, CSIR & Secretary DSIR

### Distinguished Emeritus Professors



**Dr. Vidyadhar Mudkavi**

Former Head, CSIR-FPI



**Prof. Rakesh K. Mishra**

Former Director, CSIR-CCMB

### Professor of Eminence



**Prof. Kalaiselvi. N**

Director General, CSIR & Secretary DSIR and Chairperson, Board of Governors, AcSIR

### Director & Associate Director



**Prof. Manoj Kumar Dhar**

Director, AcSIR  
(Effective 1<sup>st</sup> February, 2023)



**Prof. Ajay Dhar**

Associate Director, AcSIR

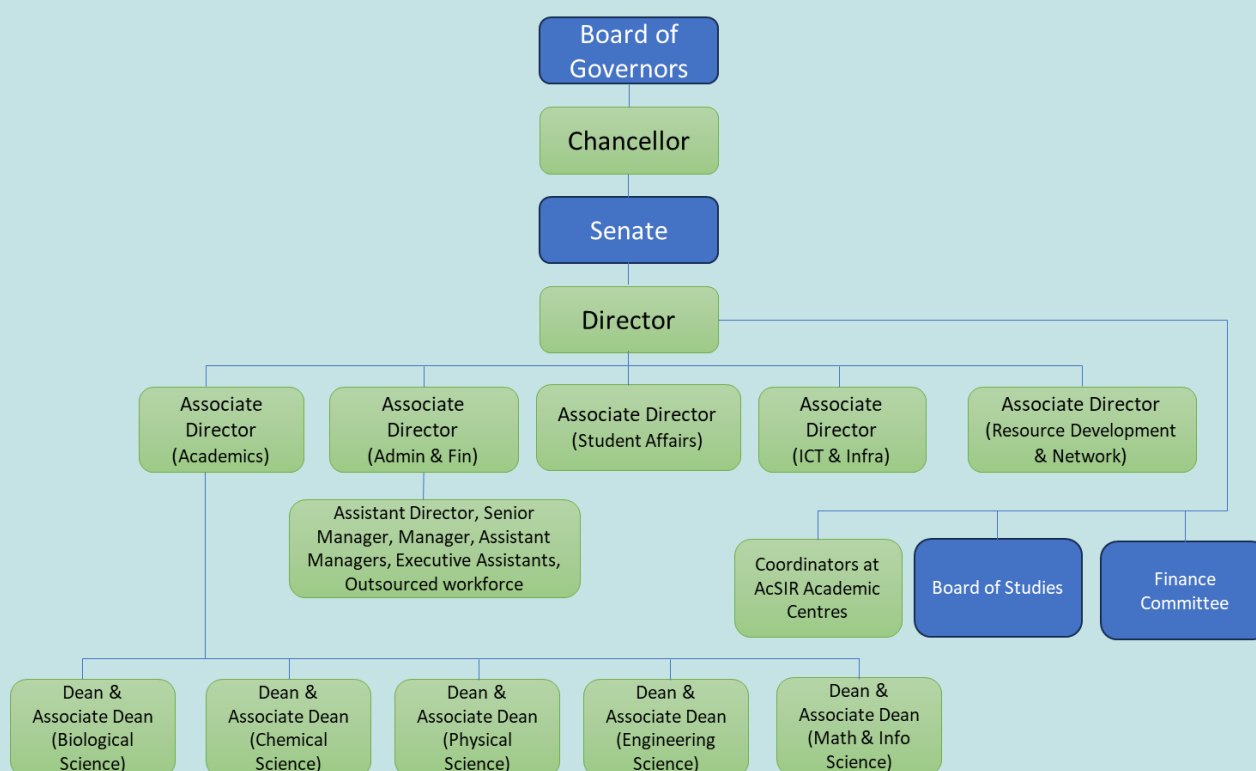






# Governance, Academic and Administrative Structure

## शासन, शैक्षणिक और प्रशासनिक संरचना





## Board of Governors »

AcSIR is a statutory autonomous organization with the Board of Governors as the pinnacle body of its governance structure. The Board of Governors of AcSIR is responsible for the general superintendence, direction and control of the affairs of the Academy. The Chairman

and members of Board of Governors of AcSIR are appointed by the Hon'ble Prime Minister as The President of CSIR. Current Board of Governors of AcSIR, as notified on January 16, 2020, has the following members:



### CHAIRPERSON

(Effective 10<sup>th</sup> October, 2022)

### VICE-CHAIRPERSON

(Effective 8<sup>th</sup> August 2022)

**Prof. (Mrs.) N. Kalaiselvi,**  
Director General, CSIR , India

### CHAIRPERSON

**Prof. Chandra Shekhar,**  
Chancellor, AcSIR  
(Till 9<sup>th</sup> October, 2022)



### VICE-CHAIRPERSON

**Dr Rajesh S. Gokhale,**

Director General, CSIR, India

(1<sup>st</sup> May 2022 - 7<sup>th</sup> August 2022)

### VICE-CHAIRPERSON

**Prof. Shekhar C. Mande**

Director General,  
Council of Scientific and Industrial Research (CSIR),  
India  
(Till 30<sup>th</sup> April 2022)





## Members, Board of Governors



**Prof. Ashutosh Sharma**, President (2023-25), Indian National Science Academy (INSA), New Delhi, *Ex-officio Member*



**Shri. Kamlesh Nilkanth Vyas**, Chairman of Atomic Energy Commission & Secretary to Govt. of India, DAE, Mumbai, Maharashtra, *Ex-officio Member*



**Prof. Anurag Kumar**, Honorary Professor, Indian Institute of Science, Bangalore, *Nominated Member*



**Prof. Pradeep Kumar Khosla**, Chancellor, University of California, San Diego, US, *Nominated Member*



**Ms. Vinita Bali**, Member, Board of Directors, Cognizant, *Nominated Member*



**Prof. A. Ajayaghosh**, Director, CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, *Nominated Member*



**Prof. Manoj K. Dhar**, Director, AcSIR, Ghaziabad, *Ex-officio Member*



**Prof. Chandrima Shaha**, President (2020-22), Indian National Science Academy (INSA), New Delhi, *Ex-officio Member*



**Prof. Mamidala Jagadesh Kumar**, Chairman, University Grants Commission (UGC), New Delhi, *Ex-officio Member*



**Prof. U.B. Desai**, Founding Director, Indian Institute of Technology, Hyderabad, *Nominated Member*



**Prof. Devang V. Khakhar**, Former Director, Indian Institute of Technology, Bombay, *Nominated Member*



**Mr. Ravi Pandit**, Co-Founder, Chair & CEO, KPIT Technologies, Pune, *Nominated Member*



**Prof. Suddhasatwa Basu**, Director, Institute of Minerals and Materials Technology, Bhubaneswar, *Nominated Member*



**Prof. Ajay Dhar**, Additional charge-Director, AcSIR, Ghaziabad, *Ex-officio Member* (August 18, 2022-January 31, 2023)



**Secretary, Prof. Ajay Dhar**, Associate Director (Administration and Finance), AcSIR



**Shri S. Somanath**, Chairman, Space Commission, Department of Space, Bangalore, Karnataka, *Ex-officio Member*



**Shri. T.V. Somanathan**, Finance Secretary, Ministry of Finance, New Delhi *Ex-officio Member*



**Prof. Yogesh Singh**, Vice Chancellor, University of Delhi, *Nominated Member*



**Dr. Soumya Swaminathan**, Chief Scientist, World Health Organization, Geneva, Switzerland, *Nominated Member*



**Dr. Rajiv I. Modi**, CMD, Cadila Pharmaceuticals, *Nominated Member*



**Prof. Ranjana Aggarwal**, Director, National Institute Of Science Communication and Policy Research, New Delhi, *Nominated Member*



**Prof. Rajender Singh Sangwan**, Director, AcSIR, Ghaziabad, *Ex-officio Member*, (Till August 17, 2022)



## Senate

The Senate, AcSIR exercises general control and regulation of AcSIR academics, and is responsible for the maintenance and improvement of standards of instruction,

education and examinations in the Academy, quality of its graduates etc. The current composition of the Senate is as under:

### CHAIRPERSON



**Prof. Manoj K. Dhar,**  
Director, AcSIR  
(Effective February 01, 2023)

**Prof. Ajay Dhar,**  
Additional charge-Director, AcSIR,  
(August 18, 2022 - January 31, 2023)



**Prof. Rajender Singh Sangwan,**  
Director, AcSIR  
(Till August 17, 2022)



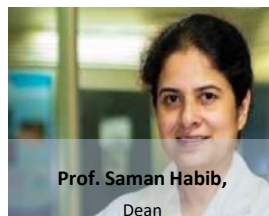
## MEMBERS



**Prof. Ajay Dhar,**  
Associate Director  
(Student Affairs), AcSIR



**Prof. Naresh Chandra Murmu,**  
Dean  
(Engineering Sciences) AcSIR  
CSIR-Central Mechanical Engineering  
Research Institute, Durgapur



**Prof. Saman Habib,**  
Dean  
(Biological Sciences) AcSIR  
CSIR-Central Drug Research Institute, Lucknow



**Prof. Ramanuj Narayan,**  
Dean  
(Chemical Sciences) AcSIR  
CSIR-Indian Institute of Chemical  
Technology, Hyderabad



**Prof. Danda Srinivas Rao,**  
Dean (Physical Sciences)  
AcSIR  
CSIR-Institute of Minerals and Materials



**Prof. Munia Ganguli,**  
(Biological Sciences)  
CSIR-Institute of Genomics and  
Integrative Biology, Delhi



**Prof. G Narahary Sastry**  
(Chemical Sciences)  
CSIR- Indian Institute of Chemical Technology,  
Hyderabad



**Prof. Manik Varma**  
(Engineering Sciences)  
Partner Research, Microsoft  
Research India, Adjunct Professor  
(Computer Sciences), IIT Delhi



**Prof. Annapoorni  
Subramanian,**  
(Physical Sciences)  
Delhi University



**Dr. Binoy Kumar Saikia,**  
CSIR – North East Institute Of Science  
And Technology, Jorhat



**Dr. Amol Arvindrao Kulkarni,**  
CSIR-National Chemical Laboratory, Pune



**Dr. Achu Chandran,**  
CSIR- National Institute For  
Interdisciplinary Science and  
Technology, Thiruvananthapuram



**Dr. Sridevi Jade,**  
CSIR- Fourth Paradigm Institute,  
Bangalore



**Dr. C.S. Gopinath ,**  
CSIR- National Chemical Laboratory, Pune



**Prof. R.K. Sinha,**  
Professor,  
Department, of Applied Physics, Delhi  
Technological University (Science)



**Prof. Haripriya Gundimeda,**  
Professor,  
Department of Humanities and Social  
Sciences, Indian Institute of Technology  
Bombay (Social Sciences)



**Prof. Mahesh J. Kulkarni,**  
Associate Dean  
(Biological Sciences) AcSIR  
CSIR-National Chemical Laboratory, Pune



**Prof. C.H Suresh,**  
Associate Dean  
(Chemical Sciences) AcSIR  
CSIR-National Institute For  
Interdisciplinary Science And Technology,  
Thiruvananthapuram



**Dr. Neerja Garg,**  
Associate Dean  
(Mathematical & Information Sciences)  
AcSIR CSIR-Central Scientific Instruments  
Organisation, Chandigarh



**Ms. Arpita Sengupta**  
Senior Manager, AcSIR,  
Secretary (Non-member)



## Board of Studies

The courses across different academic programs are regularly revised under the guidance of Boards of Studies for the different faculties of study. AcSIR has two Boards of Study in an inter-disciplinary

cluster form i.e. (1) Board of Studies of Biological and Chemical Sciences Cluster and (2) Board of Studies of Engineering and Physical Sciences Cluster.

### CHAIRPERSON



Prof. Ajay Dhar  
Associate Director (Academic)

### MEMBERS



Prof. Saman Habib  
Dean (Biological Science),  
AcSIR



Prof. Ramanuj Narayan  
Dean (Chemical Science),  
AcSIR



Prof. Munia Ganguli  
CSIR-IGIB, New Delhi



Prof. G. Narahari Sastry  
CSIR-NEIST, Jorhat



Dr. Alka Rao  
CSIR-IMTECH, Chandigarh



Prof. Sadhana Suresh  
Rayulu  
CSIR-NEERI, Nagpur



Prof. A.S. Raghavendra  
University of Hyderabad,  
Hyderabad



Prof. Ramaswamy  
Murugavel  
Indian Institute of  
Technology, Bombay



Prof. Mahesh J. Kulkarni  
Associate Dean  
(Biological Science), AcSIR  
(Member Secretary)



Prof. C.H. Suresh  
Associate Dean  
(Chemical Science), AcSIR  
(Member Secretary)

#### Board of Studies of Biological and Chemical Sciences Cluster



Prof. Naresh Chandra  
Murmu Dean (Engineering  
Science), AcSIR



Prof. D. Srinivasa Rao  
Dean (Physical Science),  
AcSIR



Dr. Manik Varma  
Microsoft Research  
Indian & Adjunct  
Professor (Computer  
Sc.), IIT Delhi



Prof. Annapoorni  
Subramanian  
University of Delhi, Delhi



Dr. Amol A. Kulkarni  
CSIR-NCL, Pune



Dr. Anjana Jain  
CSIR-NAL, Bengaluru



Prof. G. Madhavi Latha  
Indian Institute of  
Science, Bengaluru



Prof. R.K. Sinha  
Delhi Technological  
University, Delhi



Dr. Neerja Garg  
Associate Dean (Mathematical  
& Information Sciences), AcSIR,  
(Member Secretary)

#### Board of Studies of Engineering and Physical Sciences Cluster



## Finance Committee

Finance Committee of AcSIR takes stock of the financial receipts and expenditures of AcSIR.

It also makes its policy recommendations related to financial planning, deployment, grants, investments etc. in the perspectives of self- sustainability of the organization as well as growth of quality, quantity and

collaboration of AcSIR for the growing brand of AcSIR among the comperees. The recommendations of the Finance Committee are submitted to the Board for approval.

The current composition of AcSIR Finance Committee is as under:

### CHAIRPERSON



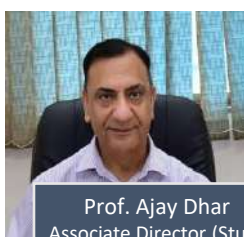
**Prof. Manoj K. Dhar,**  
Director, AcSIR  
(Effective February 01, 2023)

**Prof. Ajay Dhar,**  
Additional charge-Director, AcSIR,  
(August 18, 2022-January 31, 2023)



**Prof. Rajender Singh Sangwan,**  
Director, AcSIR  
(Till August 17, 2022)

### MEMBERS



**Prof. Ajay Dhar**  
Associate Director (Student  
Affairs), AcSIR



**Mr. Rattan Lal Sharma**  
Retd. Sr. Dy. Fin. Advisor,  
CSIR HQs.



**Prof. Ramanuj Narayan**  
CSIR-IICT, Hyderabad & Dean  
(Chemical Science), AcSIR



**Ms. Arpita Sengupta**  
Senior Manager  
(Secretary member)



## Academic Functionaries

- Prof. Prof. (Mrs.) N. Kalaiselvi, Chancellor
- Prof. Manoj K. Dhar, Director
- Prof. Ajay Dhar, Associate Director (Academics & Student Affairs)
- Prof. Ramanuj Narayan, Dean (Chemical Science)
- Prof. Naresh Chandra Murmu, Dean (Engineering Science)
- Prof. Saman Habib, Dean (Biological Science)
- Prof. Danda Srinivas Rao, Dean (Physical Science)
- Prof. Suresh C. H, Associate Dean (Chemical Science)
- Prof. Mahesh J Kulkarni, Associate Dean (Biological Science)
- Dr. Neerja Garg, Associate Dean (Mathematical & Information Science)
- AcSIR Coordinators at AcSIR Academic Centers/ Associate Academic Centres

AcSIR Coordinator	AcSIR Centres
Dr. Raju Khan	CSIR-AMPRI, Bhopal
Dr. Soraj Kumar Panigrahi	CSIR-CBRI, Roorkee
Dr. Puran Singh Sijwali, Dr. H. H. Krishnan (w.e.f 04.09.2022)	CSIR-CCMB, Hyderabad
Dr. Ritu Trivedi	CSIR-CDRI, Lucknow
Dr. B. Ramesh Babu, Dr. A. Manokaran (w.e.f 01.07.2022)	CSIR-CECRI, Karaikudi
Dr. Mahanth Prasad	CSIR-CEERI, Pilani
Dr. Giridhar Parvatham	CSIR-CFTRI, Mysuru
Dr. KAusik Dana	CSIR-CGCRI, New Delhi
Dr. Suaib Luqman	CSIR-CIMAP, Lucknow
Dr. Sudip Maity	CSIR-CIMFR, Dhanbad
Dr. V.G. Vaidyanathan	CSIR-CLRI, Chennai
Dr. Nripen Chanda	CSIR-CMERI, Durgapur
Dr. K C Gouda	CSIR-4PI, Bengaluru
Dr. Ch. Ravi Sekhar	CSIR-CRRI, New Delhi
Dr. Vinod Karar, Dr. Sanjeev Soni (w.e.f 24.05.2022)	CSIR-CSIO, Chandigarh
Dr. D N Srivastava	CSIR-CSMCRI, Bhavnagar
Dr. Neeru Saini	CSIR-IGIB, New Delhi
Dr. Amit Kumar	CSIR-IHBT, Palampur
Dr. Sanjay Dutta	CSIR-IICB, Kolkata
Dr. Chada Raji Reddy, Dr. Pradosh Chakrabarti (w.e.f 01.02.2023)	CSIR-IICT, Hyderabad
Dr. Tasduq Abdullah	CSIR-IIIM, Jammu
Dr. Subham Pal	CSIR-IIP, Dehradun
Dr. Mahendra Pratap Singh	CSIR-IITR, Lucknow



Dr. Bama Prasad Bag	CSIR-IMMT, Bhubaneswar
Dr. Balvinder Singh	CSIR-IMTECH, Chandigarh
Dr. A. Vanaja	CSIR-NAL, Bengaluru
Dr. Vidhu A. Sane	CSIR-NBRI, Lucknow
Dr. Santosh Mhaske, Dr. Ram Rup Sarkar	CSIR-NCL, Pune
Dr. R. J. Krupadam	CSIR-NEERI, New Delhi
Dr. Manash Ranjan Das	CSIR-NEIST, Jorhat
Dr. Kalpana Gahalaut	CSIR-NGRI, Hyderabad
Dr. Karunakaran V.	CSIR-NIIST, Thiruvananthapura
Dr. Narsinh Thakur	CSIR-NIO, Goa
Dr. Vipin Kumar	CSIR-NIScPR, New Delhi
Dr. J.K. Sahu	CSIR-NML, Jamshedpur
Dr. Rina Sharma, Dr. Ritu Shrivastava (w.e.f 01.01.2023)	CSIR-NPL, New Delhi
Dr. Saptarshi Sasmal,	CSIR-SERC, Chennai
Dr. (Ms.) Paromita Banerjee	CSIR-URDIP, Pune
Dr. Sanjeev Khosla	DBT-CDFD, Hyderabad
Dr. Anupam Sharma, Dr. Ratan Kar (w.e.f. 20.09.2022)	DST-BSIP, Lucknow
Dr. Dhruva Sharma	DST-IASST, Guwahati
Dr. Abir De Sarkar, Dr. Sharmishtha Sinha (w.e.f 01.06.2022)	DST-INST, Mohali
Dr. Koushik Sen	DST-WIHG, Dehradun
Dr. Kailash C. Pandey, Dr. Suchi Tyagi	ICMR-NIMR, New Delhi
Dr. A. Srividya (w.e.f 11.07.2022)	ICMR-VCRC, Puducherry
Dr. Siraj A. Khan	ICMR-RMRC, Dibrugarh
Dr. Alagarasu, Dr. Kavita Lole	ICMR-NIV, Pune
Dr. Biswanath Maity	CBMR, Lucknow
Dr. Gauri Mishra	MoHFW-NIB, Noida
Dr. Samrat Mondol	MoEFCC-WII, Dehradun
Dr. SA Dixit	MoES-IITM, Pune
Dr. Niveditha Devasenpathy	PHFI-IIPH, Delhi
Dr. Suresh Munuswamy	PHFI-IIPH, Hyderabad
Dr. Sonia Q Sen	TIGS, Bengaluru
Dr. Anulekha Nanda Rao	MSMAIR, Gurugram
Dr. Suresh Munuswamy	PHFI-IIPH, Hyderabad
Dr. Shrikant Bharadwaj	LVPEI, Hyderabad



Dr. Indumathi Mariappan	
Dr. Anupam Sharma, Dr. Ratan Kar (w.e.f. 20.09.2022)	DST-BSIP, Lucknow
Dr. Dhruva Sharma	DST-IASST, Guwahati
Dr. Abir De Sarkar, Dr. Sharmishtha Sinha (w.e.f 01.06.2022)	DST-INST, Chandigarh
Dr. Koushik Sen	DST-WIHG, Dehradun

## Administrative Functionaries of AcSIR & their workplaces

- Prof. Manoj K Dhar, Director, (AcSIR HQs)
- Prof. Ajay Dhar, Associate Director (Admin & Finance), (AcSIR HQs)
- Ms. Arpita Sengupta, Senior Manager, (AcSIR HQs)
- Mr. Ashwini Mishra, Manager, (AcSIR HQs)
- Mrs. Manju Bagai, Legal Adviser, (AcSIR HQs)
- Ms. Aarti Katoch, Assistant Manager, (AcSIR HQs)
- Ms. Swati Shrivastava, Assistant Manager, (AcSIR HQs)
- Mr. Suneet Sapra, Assistant Manager, (CSIR-CSIO)
- Mr. Karan Sharma, Assistant Manager, (CSIR-IHBT)
- Ms. Manveet Kour, Assistant Manager, (CSIR-IIIM)
- Ms. Vaishali J. Suryavanshi, Assistant Manager, (CSIR-NCL)
- Mr. Kh. Bipinchandra Singh, Executive Assistant, (AcSIR HQs)
- Mr. Sunny Tomer, Executive Assistant, (AcSIR HQs)
- Mr. Lalit Kumar, Executive Assistant, (AcSIR HQs)
- Ms. Rajni Kumari, Executive Assistant, (AcSIR HQs)
- Mr. Kaviyaran G, Executive Assistant, (AcSIR HQs)
- Ms. Mohanasundari, Executive Assistant, (AcSIR HQs)
- Mr. Sumit Tyagi, Executive Assistant, (AcSIR HQs)
- Mr. Prabhat Sharma, Executive Assistant, (AcSIR HQs)
- Ms. Vishakha Dhiman, Executive Assistant, (CSIR-CBRI)
- Ms. Surugu Ramya, Executive Assistant, (CSIR-CCMB)
- Mr. Piyush Gupta, Executive Assistant, (CSIR-CDRI)
- Ms. Iswarya KS, Executive Assistant, (CSIR-CECRI)
- Mr. Rahul Joshi, Executive Assistant, (CSIR-CEERI)
- Ms. Archana KS, Executive Assistant, (CSIR-CFTRI)
- Ms. Shruthi B., Executive Assistant, (CSIR-CFTRI)
- Ms. Rohini Majumdar, Executive Assistant, (CSIR-CGCRI & CSIR-IICB)
- Ms. Akansha Arya, Executive Assistant, (CSIR-CIMAP)
- Mr. Snehasish Paul, Executive Assistant, (CSIR-CMERI)



- Mr. Lalit Sagar, Executive Assistant, (CSIR-CRRI & CSRI-IGIB)
- Ms. Vaishali Boricha, Executive Assistant, (CSIR-CSMCRI)
- Ms. Pratima Bhardwaj, Executive Assistant, (CSIR-IGIB)
- Ms. P. Sreelatha, Executive Assistant, (CSIR-IICT)
- Ms. A. Sravani, Executive Assistant, (CSIR-IICT)
- Mr. Amit Biswakarma, Executive Assistant, (CSIR-IICT)
- Mr. Mrinmay Mukherjee, Executive Assistant, (CSIR-IITR)
- Mr. Sachin Parida, Executive Assistant, (CSIR-IIMT)
- Ms. Harshita Nag, Executive Assistant, (CSIR-NBRI)
- Ms. Komal Ashok Patil, Executive Assistant, (CSIR-NCL)
- Ms. Vijaya Vasant Lohar, Executive Assistant, (CSIR-NCL)
- Mr. Vivek C. Ramteke, Executive Assistant, (CSIR-NEERI)
- Mr. Anupol Bordoloi, Executive Assistant, (CSIR-NEIST)
- Mr. A. Shyam Kumar, Executive Assistant, (CSIR-NGRI)
- Ms. C.S Aswathy, Executive Assistant, (CSIR-NIIST)
- Mr. Rohit Dhavjekar, Executive Assistant, (CSIR-NIO)
- Ms. Ujjwal Kumari, Executive Assistant, (CSIR-NML)
- Ms. Soma Sarkar, Executive Assistant, (CSIR-NPL)
- Mr. Lovely Jain, Executive Assistant, (CSIR-NPL)



## बोर्ड ऑफ गवर्नर्स »

एसीएसआईआर एक वैधानिक स्वायत्त संगठन है, जिसके संचालन ढांचे में बोर्ड ऑफ गवर्नर्स सर्वोच्च निकाय है। एसीएसआईआर का बोर्ड ऑफ गवर्नर्स अकादमी के मामलों के सामान्य अधीक्षण, निर्देशन और नियंत्रण के लिए जिम्मेदार है। एसीएसआईआर

के बोर्ड ऑफ गवर्नर्स के अध्यक्ष और सदस्यों को सीएसआईआर के अध्यक्ष के रूप में माननीय प्रधान मंत्री द्वारा नियुक्त किया जाता है। 16 जनवरी, 2020 को अधिसूचित एसीएसआईआर के वर्तमान बोर्ड ऑफ गवर्नर्स में निम्नलिखित सदस्य हैं:



### अध्यक्ष

(10 अक्टूबर, 2022 से प्रभावी)

### उपाध्यक्ष

(Effective 8<sup>th</sup> August 2022)

प्रो. (श्रीमती) एन. कलैसेल्वी, महानिदेशक, वैज्ञानिक और औद्योगिक अनुसंधान परिषद (सीएसआईआर), भारत

अध्यक्ष प्रो. चन्द्रशेखर, चांसलर,  
ए.सी.एस.आई.आर

(9 अक्टूबर, 2022 तक)



उपाध्यक्ष डॉ. राजेश एस. गोखले,  
महानिदेशक, वैज्ञानिक और औद्योगिक  
अनुसंधान परिषद (सीएसआईआर), भारत

(1 मई 2022 - 7 अगस्त 2022)

उपाध्यक्ष प्रो. शेखर सी. मांडे,  
महानिदेशक, वैज्ञानिक और औद्योगिक  
अनुसंधान परिषद (सीएसआईआर), भारत

(30 अप्रैल 2022 तक)







28



## प्रबंधकारिणी समिति

सीनेट, एसीएसआईआर शिक्षाविदों का सामान्य नियंत्रण और विनियमन करता है, और अकादमी में शिक्षा और परीक्षाओं के मानकों, इसके स्नातकों की गुणवत्ता आदि के रखरखाव और सुधार के लिए जिम्मेदार है। सीनेट की वर्तमान संरचना इस प्रकार है :

### अध्यक्ष



प्रो. मनोज के. धर, निदेशक,  
एसीएसआईआर

(01 फरवरी 2023 से प्रभावी)

प्रो. अजय धर, अतिरिक्त प्रभार-निदेशक,  
एसीएसआईआर,

(18 अगस्त, 2022 - 31 जनवरी, 2023)



प्रो. राजेंद्र सिंह सांगवान, निदेशक,  
एसीएसआईआर

(17 अगस्त 2022 तक)





प्रो. अजय धर, एसोसिएट निदेशक (छात्र मामले), एसोसिएट्स



प्रो. नरेश चंद्र मुर्मू, डीन (इंजीनियरिंग विज्ञान) एसोसिएट्स एसोसिएट्स-सेंट्रल मैकेनिकल इंजीनियरिंग रिसर्च इंस्टीट्यूट, दुर्गापुर



प्रो. समन हबीब, डीन (जैविक विज्ञान) एसोसिएट्स एसोसिएट्स-केंद्रीय औषधि अनुसंधान संस्थान, लखनऊ



प्रो. रामानुज नारायण, डीन (रासायनिक विज्ञान) एसोसिएट्स एसोसिएट्स-भारतीय रासायनिक प्रौद्योगिकी संस्थान, हैदराबाद



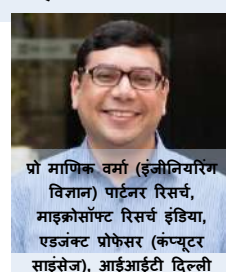
प्रो. डंडा श्रीनिवास राव, डीन (भौतिक विज्ञान) एसोसिएट्स एसोसिएट्स-खनिज एवं सामग्री पौद्गोलिकी संस्थान, भुवनेश्वर



प्रो. मुनिया गांगुली, (जैविक विज्ञान) एसोसिएट्स-इंस्टीट्यूट ऑफ जीनोमिक्स एंड इंटीग्रेटिव बायोलॉजी, दिल्ली



प्रो. जी नरहरि शास्त्री (रासायनिक विज्ञान) एसोसिएट्स-भारतीय रासायनिक प्रौद्योगिकी संस्थान, हैदराबाद



प्रो. माणिक वर्मा (इंजीनियरिंग विज्ञान) पार्टनर रिसर्च, माइक्रोसॉफ्ट रिसर्च इंडिया, एडजंक्ट प्रोफेसर (कंप्यूटर साइंसेज), आईआईटी दिल्ली



प्रो. अन्नपूर्णा सुब्रमण्यन, (भौतिक विज्ञान) दिल्ली विश्वविद्यालय



डॉ. बिनॉय कुमार सैकिया, एसोसिएट्स - नॉर्थ ईस्ट इंस्टीट्यूट ऑफ साइंस एंड टेक्नोलॉजी, जोरहाट



डॉ. अमोल अरविंदराव कुलकर्णी, एसोसिएट्स-राष्ट्रीय रासायनिक प्रयोगशाला, पुणे



डॉ. अचू चंद्रन, एसोसिएट्स-नेशनल इंस्टीट्यूट फॉर इंटरडिसिप्लिनरी साइंस एंड टेक्नोलॉजी तिरुवनंतपुरम



डॉ. श्रीदेवी जाडे, एसोसिएट्स-चौथा प्रतिमान संस्थान, बेंगलूर



डॉ. सी.एस. गोपीनाथ, एसोसिएट्स-राष्ट्रीय रासायनिक प्रयोगशाला, पुणे



प्रो. आर.के. सिन्हा, प्रोफेसर, एप्लाइड फिजिक्स विभाग, दिल्ली टेक्नोलॉजिकल यूनिवर्सिटी (विज्ञान)



प्रो. हरिप्रिया गुंडीमेडा, प्रोफेसर, मानविकी और सामाजिक विज्ञान विभाग, भारतीय प्रौद्योगिकी संस्थान बॉम्बे (सामाजिक विज्ञान)



प्रो. महेश जे. कुलकर्णी, एसोसिएट्स डीन (जैविक विज्ञान) एसोसिएट्स एसोसिएट्स-राष्ट्रीय रासायनिक प्रयोगशाला, पुणे



प्रो. सी.एच. सुरेश, एसोसिएट्स डीन (रासायनिक विज्ञान) एसोसिएट्स एसोसिएट्स-नेशनल इंस्टीट्यूट फॉर इंटरडिसिप्लिनरी साइंस एंड टेक्नोलॉजी, तिरुवनंतपुरम



डॉ. नीरजा गर्ग, एसोसिएट्स डीन (गणितीय एवं सूचना विज्ञान) एसोसिएट्स एसोसिएट्स-केंद्रीय वैज्ञानिक उपकरण संगठन, चंडीगढ़



सुश्री अर्पिता सेनगुप्ता वरिष्ठ प्रबंधक, एसोसिएट्स, सचिव (गैर-सदस्य)



## अध्ययन मंडल

विभिन्न शैक्षणिक कार्यक्रमों के पाठ्यक्रम नियमित रूप से अध्ययन के विभिन्न संकायों के लिए अध्ययन बोर्डों के मार्गदर्शन में संशोधित किए जाते हैं। एसीएसआईआर में एक अंतर-अनुशासनात्मक समूह के अंतर्गत अध्ययन के दो बोर्ड हैं अर्थात् (1) जैविक और रासायनिक विज्ञान क्लस्टर के अध्ययन का बोर्ड

और (2) इंजीनियरिंग और भौतिक विज्ञान क्लस्टर के अध्ययन का बोर्ड। अध्ययन बोर्ड की सिफारिशों को सीनेट, एसीएसआईआर के अनुमोदन हेतु भेजा जाता है। अध्ययन बोर्डों की संरचना (31 मार्च, 2021 तक) इस प्रकार है:

### अध्यक्ष



प्रो. अजय धर, एसोसिएट निदेशक (शैक्षणिक)

### सदस्य गण



प्रो. समन हबीब, डीन (जैविक विज्ञान), एसीएसआईआर



प्रो. रामानुज नारायण, डीन (रासायनिक विज्ञान), एसीएसआईआर



प्रो. मुनिया गांगुली, सीएसआईआर-आईजीआईबी, नई दिल्ली



प्रो. जी. नरहरि शास्त्री, सीएसआईआर-एनईआईएसटी, जयपुर



डॉ. अलका राव, सीएसआईआर-आईएमटेक, चंडीगढ़



प्रो. साधना सुरेश रामकृष्ण, सीएसआईआर-नीरी, नागपुर



प्रो. ए.एस. राघवेंद्र, हैदराबाद विश्वविद्यालय, हैदराबाद



प्रो. रामास्वामी मुरुगावेल, भारतीय प्रौद्योगिकी संस्थान, बॉम्बे



प्रो. महेश जे कुलकर्णी, एसोसिएट डीन (जैविक विज्ञान), एसीएसआईआर (सदस्य सचिव)



प्रो. सी.एस. सुरेश, एसोसिएट डीन (रासायनिक विज्ञान), एसीएसआईआर (सदस्य सचिव)

### जैविक और रासायनिक विज्ञान क्लस्टर



प्रो. नरेश चंद्र मुर्मू, डीन (इंजीनियरिंग साइंस), एसीएसआईआर



प्रो. डॉ. श्रीनिवास राव, डीन (भौतिक विज्ञान), एसीएसआईआर



डॉ. माणिक वर्मा, माइक्रोसॉफ्ट रिसर्च इंडियन और एडजुबेंट प्रोफेसर (कंप्यूटर एससी), आईआईटी दिल्ली



प्रो. अन्नपूर्णा सुब्रमण्यम, दिल्ली विश्वविद्यालय, दिल्ली



डॉ. अमोल ए. कुलकर्णी, सीएसआईआर-एनसीएल, पुणे



डॉ. अंजना जैन, सीएसआईआर-एनएएल, बंगलुरु



प्रो. जी. माधवी लता, भारतीय विज्ञान संस्थान, बंगलुरु



प्रो. आर.के. सिन्हा, दिल्ली टेक्नोलॉजिकल यूनिवर्सिटी, दिल्ली



डॉ. नीरजा गर्ग, एसोसिएट डीन (गणितीय एवं सूचना विज्ञान), एसीएसआईआर (सदस्य सचिव)

### इंजीनियरिंग और भौतिक विज्ञान क्लस्टर अध्ययन बोर्ड



## वित्त समिति

एसीएसआईआर की वित्त समिति एसीएसआईआर की वित्तीय प्राप्तियों और व्यय का जायजा लेती है। इसके साथ-साथ यह संगठन की आत्मनिर्भरता के परिप्रेक्ष्य में वित्तीय नियोजन, तैनाती, अनुदान, निवेश आदि से संबंधित अपनी नीतिगत सिफारिशें भी करती है और साथ ही कंपनियों के बीच

एसीएसआईआर के बढ़ते ब्रांड के लिए एसीएसआईआर की गुणवत्ता, मात्रा और सहयोग में वृद्धि भी करती है। वित्त समिति की सिफारिशें अनुमोदन के लिए बोर्ड को प्रस्तुत की जाती हैं। एसीएसआईआर वित्त समिति की वर्तमान संरचना इस प्रकार है :

### अध्यक्ष



प्रो. मनोज के. धर, निदेशक,  
एसीएसआईआर

प्रो. अजय धर, अतिरिक्त प्रभार-  
निदेशक, एसीएसआईआर,  
(अगस्त 18, 2022-जनवरी 31, 2023)



प्रो. राजेंद्र सिंह सांगवान,  
निदेशक, एसीएसआईआर

(17 अगस्त 2022 तक)

### सदस्य गण



प्रो. अजय धर, एसोसिएट  
निदेशक (छात्र मामले),  
एसीएसआईआर



श्री रतन लाल शर्मा, सेवानिवृत्त  
वरिष्ठ उप वित्त सलाहकार,  
सीएसआईआर मुख्यालय



प्रो. रामानुज नारायण, सीएसआईआर-  
आईआईसीटी, हैदराबाद और डीन  
(रासायनिक विज्ञान), एसीएसआईआर



सुश्री अर्पिता सेनगुप्ता, वरिष्ठ  
प्रबंधक  
(सदस्य सचिव)



## शैक्षणिक पदाधिकारी

- प्रो. (श्रीमती) एन. कलैसेल्वी, चांसलर
- प्रो. मनोज के. धर, निदेशक
- प्रो. अजय धर, एसोसिएट निदेशक (शैक्षणिक, छात्र मामले)
- प्रो. रामानुज नारायण, डीन (रासायन विज्ञान)
- प्रो. नरेश चंद्र मुर्मू, डीन (अभियांत्रिकी विज्ञान)
- प्रो. समन हबीब, डीन (जैविक विज्ञान)
- प्रो. डंडा श्रीनिवास राव, डीन (भौतिक विज्ञान)
- प्रो. सुरेश सी. एच., एसोसिएट डीन (रासायन विज्ञान)
- प्रो. महेश जे कुलकर्णी, एसोसिएट डीन (जैविक विज्ञान)
- डॉ. नीरजा गर्ग, एसोसिएट डीन (गणित एवं सूचना विज्ञान)
- एसीएसआईआर शैक्षणिक केंद्रों/एसोसिएट शैक्षणिक केंद्रों में एसीएसआईआर समन्वयक

एसीएसआईआर समन्वयक	एसीएसआईआर केंद्र
डॉ. राजू खान	सीएसआईआर-एमपीआरआई, भोपाल
डॉ. सोरज कुमार पाणिग्रही	सीएसआईआर-सीबीआरआई, रुड़की
डॉ. पूरन सिंह सिजवाली, डॉ. एच.एच. कृष्णन (04.09.2022 से)	सीएसआईआर-सीसीएमबी, हैदराबाद
डॉ. ऋतु त्रिवेदी	सीएसआईआर-सीडीआरआई, लखनऊ
डॉ. बी. रमेश बाबू, डॉ. ए. मनोकरन (01.07.2022 से)	सीएसआईआर-सीईसीआरआई, कराईकुडी
डॉ. महंथ प्रसाद	सीएसआईआर-सीरी, पिलानी
डॉ. गिरिधर पर्वतम	सीएसआईआर-सीएफटीआरआई, मैसूरु
डॉ. कौशिक दाना	सीएसआईआर-सीजीसीआरआई, नई दिल्ली
डॉ. सुबेब तुकमान	सीएसआईआर-सीमैप, लखनऊ
डॉ. सुदीप मैती	सीएसआईआर-सीआईएमएफआर, धनबाद
डॉ. वी.जी. वैद्यनाथन	सीएसआईआर-सीएलआरआई, चेन्नई
डॉ. नृपेन चंदा	सीएसआईआर-सीएमईआरआई, दुर्गापुर
डॉ. के सी गौड़ा	सीएसआईआर-4पीआई, बेंगलुरु
डॉ. चौ. रवि शेखर	सीएसआईआर-सीआरआरआई, नई दिल्ली
डॉ. विनोद करार, डॉ. संजीव सोनी (24.05.2022 से)	सीएसआईआर-सीएसआईओ, चंडीगढ़
डॉ. डी एन श्रीवास्तव	सीएसआईआर-सीएसएमसीआरआई, भावनगर
डॉ. नीरू सैनी	सीएसआईआर-आईजीआईबी, नई दिल्ली
डॉ. अमित कुमार	सीएसआईआर-आईएचबीटी, पालमपुर
डॉ. संजय दत्ता	सीएसआईआर-आईआईसीबी, कोलकाता
डॉ. चदा राजी रेड्डी, डॉ. प्रदोष चक्रवर्ती (01.02.2023 से)	सीएसआईआर-आईआईसीटी, हैदराबाद
डॉ. तस्तुक अब्दुल्ला	सीएसआईआर-आईआईआईएम, जम्मू
डॉ. सुभम पाल	सीएसआईआर-आईआईपी, देहरादून
डॉ. महेंद्र प्रताप सिंह	सीएसआईआर-आईआईटीआर, लखनऊ
डॉ. बामा प्रसाद बाग	सीएसआईआर-आईएमएमटी, भुवनेश्वर



डॉ. बलविंदर सिंह	सीएसआईआर-आईएमटेक, चंडीगढ़
डॉ. ए. वनजा	सीएसआईआर-एनएएल, बेंगलुरु
डॉ. विधु ए. साने	सीएसआईआर-एनबीआरआई, लखनऊ
डॉ. संतोष म्हस्के,	सीएसआईआर-एनसीएल, पुणे
डॉ. राम रूप सरकार	
डॉ. आर. जे. कृपादम	सीएसआईआर-नीरी, नई दिल्ली
डॉ. मनश रंजन दास	सीएसआईआर-एनईआईएसटी, जोरहाट
डॉ. कल्पना गहलौत	सीएसआईआर-एनजीआरआई, हैदराबाद
डॉ. करुणाकरण वी.	सीएसआईआर-एनआईआईएसटी, तिरुवनंतपुरा
डॉ. नरसिंह ठाकुर	सीएसआईआर-एनआईओ, गोवा
डॉ. विपन कुमार	सीएसआईआर-एनआईएससीपीआर, नई दिल्ली
डॉ. जे.के. साहू	सीएसआईआर-एनएमएल, जमशेदपुर
डॉ. रीना शर्मा, डॉ. रितु श्रीवास्तव (01.01.2023 से)	सीएसआईआर-एनपीएल, नई दिल्ली
डॉ. सप्तर्षि ससमल,	सीएसआईआर-एसईआरसी, चेन्नई
डॉ. (सुश्री) पारोमिता बनर्जी	सीएसआईआर-यूआरडीआईपी, पुणे
डॉ. संजीव खोसला	डीबीटी-सीडीएफडी, हैदराबाद
डॉ. अनुपम शर्मा, डॉ. रतन कर (20.09.2022 से)	डीएसटी-बीएसआईपी, लखनऊ
डॉ. ध्रुव शर्मा	डीएसटी-आईएसएसटी, गुवाहाटी
डॉ. अबीर दे सरकार, डॉ. शर्मिष्ठा सिन्हा (01.06.2022 से)	डीएसटी-आईएनएसटी, मोहाली
डॉ. कौशिक सेन	डीएसटी-डब्ल्यूआईएचजी, देहरादून
डॉ. कैलाश सी. पांडे, डॉ. सुचि त्यागी	आईसीएमआर-एनआईएमआर, नई दिल्ली
डॉ. ए. श्रीविद्या (11.07.2022 से)	आईसीएमआर-वीसीआरसी, पुडुचेरी
डॉ. सिराज ए खान	आईसीएमआर-आरएमआरसी, डिब्रूगढ़
डॉ. अलागरासु, डॉ. कविता लोले	आईसीएमआर-एनआईवी, पुणे
डॉ. बिस्वनाथ मैती	सीबीएमआर, लखनऊ
डॉ. गौरी मिश्रा	MoHFW-एनआईबी, नोएडा
डॉ. सम्राट मोंडोल	MoEFCC-डब्ल्यूआईआई, देहरादून
डॉ. एसए दीक्षित	MoES-आईआईटीएम, पुणे
डॉ. निवेदिता देवसेनपथी	पीएचएफआई-आईआईपीएच, दिल्ली
डॉ. सुरेश मुनुस्वामी	पीएचएफआई-आईआईपीएच, हैदराबाद
डॉ. सोनिया क्यू सेन	टीआईजीएस, बेंगलुरु
डॉ. अनुलेखा नंदा राव	एमएसएमआईआर, गुरुग्राम
डॉ. सुरेश मुनुस्वामी	पीएचएफआई-आईआईपीएच, हैदराबाद
डॉ. श्रीकांत भारद्वाज	एलवीपीआई, हैदराबाद
डॉ. इंदुमति मरियप्पन	
डॉ. अनुपम शर्मा, डॉ. रतन कर (20.09.2022 से)	डीएसटी-बीएसआईपी, लखनऊ
डॉ. ध्रुव शर्मा	डीएसटी-आईएसएसटी, गुवाहाटी



डॉ. अबीर दे सरकार, डॉ. शर्मिष्ठा सिन्हा (01.06.2022 से)	डीएसटी-आईएनएसटी, चंडीगढ़
डॉ. कौशिक सेन	डीएसटी-डब्ल्यूआईएचजी, देहरादून

## एसीएसआईआर के प्रशासनिक पदाधिकारी एवं उनके कार्यस्थल

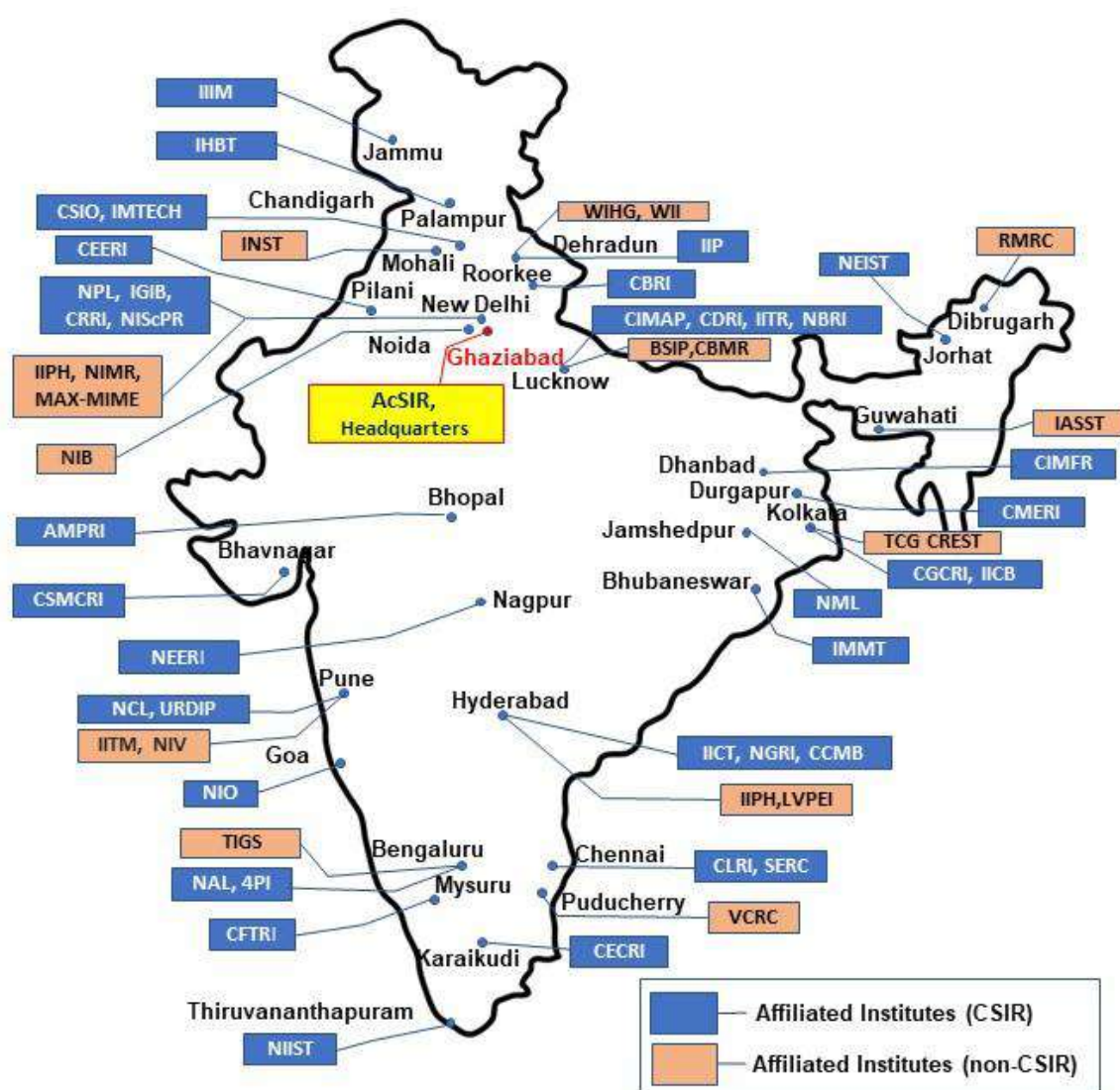
- प्रो. मनोज के धर, निदेशक, (एसीएसआईआर मुख्यालय)
- प्रो. अजय धर, एसोसिएट निदेशक (प्रशासन एवं वित्त), (एसीएसआईआर मुख्यालय)
- सुश्री अर्पिता सेनगुप्ता, वरिष्ठ प्रबंधक, (एसीएसआईआर मुख्यालय)
- श्री अश्विनी मिश्रा, प्रबंधक, (एसीएसआईआर मुख्यालय)
- श्रीमती मंजू बगई, कानूनी सलाहकार, (एसीएसआईआर मुख्यालय)
- सुश्री आरती कटोच, सहायक प्रबंधक, (एसीएसआईआर मुख्यालय)
- सुश्री स्वाति श्रीवास्तव, सहायक प्रबंधक, (एसीएसआईआर मुख्यालय)
- श्री सुनीत सपरा, सहायक प्रबंधक, (सीएसआईआर-सीएसआईओ)
- श्री करण शर्मा, सहायक प्रबंधक, (सीएसआईआर-आईएचबीटी)
- सुश्री मनवीत कौर, सहायक प्रबंधक, (सीएसआईआर-IIIM)
- सुश्री वैशाली जे. सूर्यवंशी, सहायक प्रबंधक, (सीएसआईआर-एनसीएल)
- श्री ख. बिपिनचंद्र सिंह, कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- श्री सनी तोमर, कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- श्री ललित कुमार, कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- सुश्री रजनी कुमारी, कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- श्री कवियारासन जी., कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- सुश्री मोहनसुंदरी, कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- श्री सुमित त्यागी, कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- श्री प्रभात शर्मा, कार्यकारी सहायक, (एसीएसआईआर मुख्यालय)
- सुश्री विशाखा धीमान, कार्यकारी सहायक, (सीएसआईआर-सीबीआरआई)
- सुश्री सुरुगु राम्या, कार्यकारी सहायक, (सीएसआईआर-सीसीएमबी)
- श्री पीयूष गुप्ता, कार्यकारी सहायक, (सीएसआईआर-सीडीआरआई)
- सुश्री ईश्वर्या के.एस, कार्यकारी सहायक, (सीएसआईआर-सीईसीआरआई)
- श्री राहुल जोशी, कार्यकारी सहायक, (सीएसआईआर-सीईईआरआई)
- सुश्री अर्चना के.एस, कार्यकारी सहायक, (सीएसआईआर-सीएफटीआरआई)
- सुश्री श्रुति बी., कार्यकारी सहायक, (सीएसआईआर-सीएफटीआरआई)
- सुश्री रोहिणी मजूमदार, कार्यकारी सहायक, (सीएसआईआर-सीजीसीआरआई और सीएसआईआर-आईआईसीबी)
- सुश्री आकांशा आर्य, कार्यकारी सहायक, (सीएसआईआर-सीमैप)
- श्री स्नेहाशीष पॉल, कार्यकारी सहायक, (सीएसआईआर-सीएमईआरआई)
- श्री ललित सागर, कार्यकारी सहायक, (सीएसआईआर-सीआरआरआई और सीएसआरआई-आईजीआईबी)
- सुश्री वैशाली बोरिचा, कार्यकारी सहायक, (सीएसआईआर-सीएसएमसीआरआई)



- सुश्री प्रतिमा भारद्वाज, कार्यकारी सहायक, (सीएसआईआर-आईजीआईबी)
- सुश्री पी. श्रीलता, कार्यकारी सहायक, (सीएसआईआर-आईआईसीटी)
- सुश्री ए. श्रावणी, कार्यकारी सहायक, (सीएसआईआर-आईआईसीटी)
- श्री अमित बिस्वाकर्मा, कार्यकारी सहायक, (सीएसआईआर-आईआईसीटी)
- श्री मृण्मय मुखर्जी, कार्यकारी सहायक, (सीएसआईआर-आईआईटीआर)
- श्री सचिन परिदा, कार्यकारी सहायक, (सीएसआईआर-आईआईएमटी)
- सुश्री हर्षिता नाग, कार्यकारी सहायक, (सीएसआईआर-एनबीआरआई)
- सुश्री कोमल अशोक पाटिल, कार्यकारी सहायक, (सीएसआईआर-एनसीएल)
- सुश्री विजया वसंत लोहार, कार्यकारी सहायक, (सीएसआईआर-एनसीएल)
- श्री विवेक सी. रामटेके, कार्यकारी सहायक, (सीएसआईआर-एनईईआरआई)
- श्री अनुपोल बोरदोलोई, कार्यकारी सहायक, (सीएसआईआर-एनईआईएसटी)
- श्री ए. श्याम कुमार, कार्यकारी सहायक, (सीएसआईआर-एनजीआरआई)
- सुश्री सी.एस अश्वथी, कार्यकारी सहायक, (सीएसआईआर-एनआईआईएसटी)
- श्री रोहित धावजेकर, कार्यकारी सहायक, (सीएसआईआर-एनआईओ)
- सुश्री उज्ज्वल कुमारी, कार्यकारी सहायक, (सीएसआईआर-एनएमएल)
- सुश्री सोमा सरकार, कार्यकारी सहायक, (सीएसआईआर-एनपीएल)
- श्री लवली जैन, कार्यकारी सहायक, (सीएसआईआर-एनपीएल)



# Academic Centres & Associate Academic Centres शैक्षणिक एवं सहयोगी शैक्षणिक केंद्र





AcSIR Academic Centres	
1	CSIR-Advanced Materials and Processes Research Institute, Bhopal, Madhya Pradesh
2	CSIR-Central Building Research Institute, Roorkee, Uttarakhand
3	CSIR-Centre for Cellular & Molecular Biology, Hyderabad, Telangana
4	CSIR-Central Drug Research Institute, Lucknow, Uttarpradesh
5	CSIR-Central Electrochemical Research Institute, Karaikudi, Tamil Nadu
6	CSIR-Central Electronics Engineering Research Institute, Pilani, Rajasthan
7	CSIR-Central Food Technological Research Institute, Mysuru, Karnataka
8	CSIR-Central Glass & Ceramic Research Institute, Kolkata, West Bengal
9	CSIR-Central Institute of Medicinal & Aromatic Plants, Lucknow, Uttar Pradesh
10	CSIR-Central Institute of Mining and Fuel Research, Dhanbad, Jharkhand
11	CSIR-Central Leather Research Institute, Chennai, Tamiul Nadu
12	CSIR-Central Mechanical Engineering Research Institute, Durgapur, West Bengal
13	CSIR-Central Road Research Institute, New Delhi
14	CSIR-Central Scientific Instruments Organisation, Chandigarh
15	CSIR-Central Salt & Marine Chemicals Research Institute, Bhavnagar, Gujarat
16	CSIR-Fourth Paradigm Institute, Bangaluru, Karnataka
17	CSIR-Institute of Genomics and Integrative Biology, New Delhi
18	CSIR-Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh
19	CSIR-Indian Institute of Chemical Biology, Kolkata, West Bengal
20	CSIR-Indian Institute of Chemical Technology, Hyderabad, Telangana
21	CSIR-Indian Institute of Integrative Medicine, Jammu, Jammu & Kashmir
22	CSIR-Indian Institute of Petroleum, Dehradun, Uttarakhand
23	CSIR-Indian Institute of Toxicology Research, Lucknow, Uttar Pradesh
24	CSIR-Institute of Minerals and Materials Technology, Bhubaneswar, Orissa
25	CSIR-Institute of Microbial Technology, Chandigarh
26	CSIR-National Aerospace Laboratories, Bangaluru, Karnataka
27	CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh
28	CSIR-National Chemical Laboratory, Pune, Maharashtra
29	CSIR-National Environmental Engineering Research Institute, Nagpur, Maharashtra
30	CSIR-North East Institute of Science & Technology, Jorhat, Assam
31	CSIR-National Geophysical Research Institute, Hyderabad, Telangana
32	CSIR-National Institute for Interdisciplinary Science and Technology, Thiruvananthapuram, Kerala
33	CSIR-National Institute of Oceanography, Goa



34	CSIR-National Institute of Science Communication and Policy Research, New Delhi
35	CSIR-National Metallurgical Laboratory, Jamshedpur, Jharkhand
36	CSIR-National Physical Laboratory, New Delhi
37	CSIR-Structural Engineering Research Centre, Chennai, Tamil Nadu
38	CSIR-Unit for Research & Development of Information Products, Pune, Maharashtra
<b>AcSIR Associate Academic Centres</b>	
39	DST-BirbalSahni Institute of Palaeosciences (DST-BSIP), Lucknow, Uttar Pradesh
40	DST-Institute of Advanced Study in Science and Technology (DST-IASST), Guwahati, Assam
41	DST-Institute of Nano Science and Technology (DST-INST), Mohali, Punjab
42	DST-Wadia Institute of Himalayan Geology (DST-WIHG), Dehradun, Uttarakhand
43	ICMR-National Institute of Malaria Research (ICMR-NIMR), New Delhi
44	ICMR-Vector Control Research Centre (ICMR-VCRC), Puducherry
45	ICMR-Regional Medical Research Centre (ICMR-RMRC), Dibrugarh, Assam
46	ICMR-National Institute of Virology (ICMR-NIV), Pune, Maharashtra
47	Centre of Biomedical Research (CBMR), Lucknow, Uttar Pradesh
48	MoHFW-National Institute of Biologicals (MoHFW-NIB), Noida, Uttar Pradesh
49	MoEFCC-Wildlife Institute of India (MoEFCC-WII), Dehradun, Uttarakhand
50	MoES-Indian Institute of Tropical Meteorology (MoES-IITM), Pune, Maharashtra
51	PHFI-Indian Institute of Public Health (PHFI-IIPH), Delhi
52	PHFI-Indian Institute of Public Health (PHFI-IIPH), Hyderabad, Telangana
53	Tata Institute of Genetics & Society, Bengaluru (TIGS), Karnataka
54	Max Healthcare Institute Limited-Max Society of Medical Academics Innovation and Research (MSMAIR), Gurugram
55	LV Prasad Eye Institute, Hyderabad, Telangana

<b>एसीएसआईआर शैक्षणिक केंद्र</b>	
1	सीएसआईआर-उन्नत सामग्री और प्रक्रिया अनुसंधान संस्थान, भोपाल, मध्यप्रदेश
2	सीएसआईआर- केंद्रीय भवन अनुसंधान संस्थान, रुड़की, उत्तराखंड
3	सीएसआईआर- सेलुलर और आण्विक जीव विज्ञान केंद्र, हैदराबाद, तेलंगाना
4	सीएसआईआर-केंद्रीय औषधि अनुसंधान संस्थान, लखनऊ, उत्तरप्रदेश
5	सीएसआईआर- केंद्रीय विद्युत रसायन अनुसंधान संस्थान, कराईकुडी, तिमिलनाडु
6	सीएसआईआर- सेंट्रल इलेक्ट्रॉनिक्स इंजीनियरिंग रिसर्च इंस्टीट्यूट, पिलानी, राजस्थान



7	सीएसआईआर- केंद्रीय खाद्य प्रौद्योगिकी अनुसंधान संस्थान, मैसूर, कर्नाटक
8	सीएसआईआर- सेंट्रल ग्लास एंड सिरेमिक रिसर्च इंस्टीट्यूट, कोलकाता, पश्चिम बंगाल
9	सीएसआईआर- केंद्रीय औषधीय एवं सुगंधित पौधा संस्थान, लखनऊ, उत्तरप्रदेश
10	सीएसआईआर- केंद्रीय खनन एवं ईंधन अनुसंधान संस्थान, धनबाद, झारखंड
11	सीएसआईआर- केंद्रीय चर्म अनुसंधान संस्थान, चेन्नई, तमिलनाडु
12	सीएसआईआर- सेंट्रल मैकेनिकल इंजीनियरिंग रिसर्च इंस्टीट्यूट, दुर्गापुर, पश्चिम बंगाल
13	सीएसआईआर- केंद्रीय सड़क अनुसंधान संस्था, नई दिल्ली
14	सीएसआईआर- केंद्रीय वैज्ञानिक उपकरण संगठन, चंडीगढ़
15	सीएसआईआर- केंद्रीय नमक एवं समुद्री रसायन अनुसंधान संस्थान, भावनगर, गुजरात
16	सीएसआईआर- फोर्थ पैराडाइम इंस्टीट्यूट, बेंगलूर, कर्नाटक
17	सीएसआईआर- इंस्टीट्यूट ऑफ जीनोमिक्स एंड इंटीग्रेटिव बायोलॉजी, नई दिल्ली
18	सीएसआईआर- हिमालयन जैव संपदा प्रौद्योगिकी संस्थान, पालमपुर, हिमाचल प्रदेश
19	सीएसआईआर- इंडियन इंस्टीट्यूट ऑफ केमिकल बायोलॉजी, कोलकाता, पश्चिम बंगाल
20	सीएसआईआर- भारतीय रासायनिक प्रौद्योगिकी संस्थान, हैदराबाद, तेलंगाना
21	सीएसआईआर- इंडियन इंस्टीट्यूट ऑफ इंटीग्रेटिव मेडिसिन, जम्मू, जम्मू और कश्मीर
22	सीएसआईआर- भारतीय पेट्रोलियम संस्थान, देहरादून, उत्तराखंड
23	सीएसआईआर- भारतीय विष विज्ञान अनुसंधान संस्थान, लखनऊ, उत्तरप्रदेश
24	सीएसआईआर- खिनज एवं सामग्री प्रौद्योगिकी संस्थान, भुवनेश्वर, उड़ीसा
25	सीएसआईआर- माइक्रोबीयल टेक्नोलॉजी संस्थान, चंडीगढ़
26	सीएसआईआर- राष्ट्रीय एयरो स्पेस प्रयोगशालाएँ, बेंगलूर, कर्नाटक
27	सीएसआईआर- राष्ट्रीय वनस्पति अनुसंधान संस्थान, लखनऊ, उत्तरप्रदेश
28	सीएसआईआर- राष्ट्रीय रासायनिक प्रयोगशाला, पुणे, महाराष्ट्र
29	सीएसआईआर- राष्ट्रीय पर्यावरण इंजीनियरिंग अनुसंधान संस्थान, गपुर, महाराष्ट्र
30	सीएसआईआर- नॉर्थ ईस्ट इंस्टीट्यूट ऑफ साइंस एंड टेक्नोलॉजी, जोरहाट, असम
31	सीएसआईआर- राष्ट्रीय भू-भौतिकीय अनुसंधान संस्थान, हैदराबाद, तेलंगाना
32	सीएसआईआर- राष्ट्रीय अंतःविषय विज्ञान और प्रौद्योगिकी संस्थान, तिरुवनंतपुरम, केरल
33	सीएसआईआर- राष्ट्रीय समुद्र विज्ञान संस्थान, गोवा



34	सीएसआईआर-राष्ट्रीय विज्ञान संचार एवं नीति अनुसंधान संस्था, नई दिल्ली
35	सीएसआईआर- राष्ट्रीय धातुकर्म प्रयोगशाला, जमशेदपुर, झारखंड
36	सीएसआईआर-राष्ट्रीय भौतिक प्रयोगशाला, नई दिल्ली
37	सीएसआईआर- स्ट्रक्चरल इंजीनियरिंग रिसर्च सेंटर, चेन्नई, तिमलनाडु
38	सीएसआईआर- सूचना, उत्पाद अनुसंधान एवं विकास इकाई, पुणे, महाराष्ट्र
<b>एसीएसआईआर एसोसिएट अकादमिक केंद्र</b>	
39	डीएसटी-बीरबल साहनी इंस्टीट्यूट ऑफ पैलियोसाइंसेज (डीएसटी-बीएसआईपी), लखनऊ, उत्तर प्रदेश
40	डीएसटी-इंस्टीट्यूट ऑफ एडवांस्ड स्टडी इन साइंस एंड टेक्नोलॉजी (डीएसटी-आईएसएसटी), गुवाहाटी, असम
41	डीएसटी-नैनो विज्ञान एवं प्रौद्योगिकी संस्थान (डीएसटी-आईएनएसटी), मोहाली, पंजाब
42	डीएसटी-वाडिया इंस्टीट्यूट ऑफ हिमालयन जियोलॉजी (डीएसटी-डब्ल्यूआईएचजी), देहरादून, उत्तराखंड
43	आईसीएमआर-राष्ट्रीय मलेरिया अनुसंधान संस्थान (आईसीएमआर-एनआईएमआर), नई दिल्ली
44	आईसीएमआर-वेक्टर नियंत्रण अनुसंधान केंद्र (आईसीएमआर-वीसीआरसी), पुडुचेरी
45	आईसीएमआर-क्षेत्रीय चिकित्सा अनुसंधान केंद्र (आईसीएमआर-आरएमआरसी), डिब्रूगढ़, असम
46	आईसीएमआर-नेशनल इंस्टीट्यूट ऑफ वायरोलॉजी (आईसीएमआर-एनआईवी), पुणे, महाराष्ट्र
47	सेंटर ऑफ बायोमेडिकल रिसर्च (सीबीएमआर), लखनऊ, उत्तर प्रदेश
48	MoHFW-राष्ट्रीय जैविक संस्थान (MoHFW-NIB), नोएडा, उत्तर प्रदेश
49	MoEFCC-भारतीय वन्यजीव संस्थान (MoEFCC-WII), देहरादून, उत्तराखंड
50	MoES-भारतीय उष्णकटिबंधीय मौसम विज्ञान संस्थान (MoES-IITM), पुणे, महाराष्ट्र
51	पीएचएफआई-इंडियन इंस्टीट्यूट ऑफ पब्लिक हेल्थ (पीएचएफआई-आईआईपीएच), दिल्ली
52	पीएचएफआई-इंडियन इंस्टीट्यूट ऑफ पब्लिक हेल्थ (पीएचएफआई-आईआईपीएच), हैदराबाद, तेलंगाना
53	टाटा इंस्टीट्यूट ऑफ जेनेटिक्स एंड सोसाइटी, बेंगलुरु (TIGS), कर्नाटक
54	मैक्स हेल्थकेयर इंस्टीट्यूट लिमिटेड-मैक्स सोसाइटी ऑफ मेडिकल एकेडमिक्स इनोवेशन एंड रिसर्च (एमएसएमएआईआर), गुरुग्राम
55	एलवी प्रसाद नेत्र संस्थान, हैदराबाद, तेलंगाना



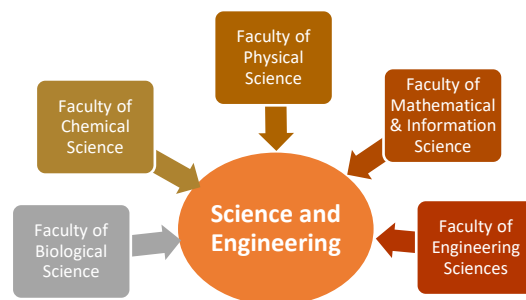
# Academic Programs

## Doctor of Philosophy-Ph.D (3-6 years)

AcSIR provides research prospects for individuals looking to pursue a PhD program across all its Academic Centers and Associate Academic Centers within the fields of Science and Engineering.

The Institute lays special emphasis on interdisciplinary and cross-disciplinary learning and approaches of solution of a problem or answering a scientific question. Students are encouraged to do research on outliers which demands inter-meshing of more than one discipline.

Academic programs leading to M.Tech. and Ph.D. are available in the areas which include but not limited to Mechatronics, Engineering of Structures, Composites,



Fabrics, Bio-inspired Devices and Systems, Plasmonics, Applied Mathematical/ Computational Modeling, Aerospace, Disaster Mitigation against Hazards, Environmental Risk Assessment, Footwear Science and Engineering, Marine Science, Glass and Ceramic Engineering, Smart Embedded Systems etc.

## Ph.D. Programs Offered at AcSIR Centres

CSIR-4PI	CSIR-CIMFR	CSIR-IIIM	CSIR-NGRI	DST-IASST	ICMR-NIMR
CSIR-AMPRI	CSIR-CLRI	CSIR-IIP	CSIR-NIIST	DST-WIHG	ICMR-NIV
CSIR-CBRI	CSIR-CMERI	CSIR-IITR	CSIR-NIO	MoES-IITM	ICMR-RMRC
CSIR-CCMB	CSIR-CRRI	CSIR-IMMT	CSIR-NIScPR	MoEFCC-WII	ICMR-VCRC
CSIR-CDRI	CSIR-CSIO	CSIR-IMTECH	CSIR-NML	DST-BSIP	LV PEI
CSIR-CECRI	CSIR-CSMCRI	CSIR-NAL	CSIR-NPL	DST-INST	MoES-IITM
CSIR-CEERI	CSIR-IGIB	CSIR-NBRI	CSIR-SERC	DST-WIHG	MoHFW-NIB
CSIR-CFTRI	CSIR-IHBT	CSIR-NCL	CSIR-URDIP	Max-MSMAIR	PHFI-IIPH
CSIR-CGCRI	CSIR-IICB	CSIR-NEERI			TIGS
CSIR-CIMAP	CSIR-IICT	CSIR-NEIST			CBMR



## Integrated PhD Programs

AcSIR offers research opportunities for aspirants with undergraduate degree in select AcSIR Academic Centres and Associate Academic Centres.

Integrated PhD Programs are offered at the following AcSIR Academic Centres and Associate Academic Centres:

### Integrated M.Sc.-Ph.D. with subject

- PHFI-Indian Institute of Public Health, Delhi (Clinical Research)
- PHFI-Indian Institute of Public Health, Hyderabad (Health Informatics)

### Integrated Dual Degree Program (IDDP- M.Tech+Ph.D.) with Specialization

- CSIR-Advanced Materials and Process Research Institute, Bhopal (Material Science and Technology)
- CSIR-Central Building Research Institute, Roorkee (Building Engineering and Construction Technology)
- CSIR-Central Electrochemical Research Institute, Karaikudi (Chemical & Electrochemical Engineering)
- CSIR-Central Electronics Engineering Research Institute, Pilani (Advanced Electronics Engineering)
- CSIR-Central Glass and Ceramic Research Institute, Kolkata
- CSIR-Central Scientific Instruments Organisation, Chandigarh (Advanced Instrumentation)
- CSIR-Central Mechanical Engineering Research Institute, Durgapur (Mechatronics; Machine Design)
- CSIR-Fourth Paradigm Institute, Bengaluru (Computer Science)
- CSIR- Institute of Minerals and Materials Technology, Bhubaneswar (Materials Resource Technology)
- CSIR-National Aerospace Laboratories, Bengaluru (Flight Vehicles)
- CSIR-National Chemical Laboratory, Pune (Chemical Engineering, Polymer Science & Engineering and Computational Biology & Bio-engineering)
- CSIR-National Environmental Engineering Research Institute, Nagpur (Environmental Systems Engineering & Modelling)
- CSIR-National Metallurgical Laboratory, Jamshedpur (Materials Engineering)
- CSIR-Structural Engineering Research Centre, Chennai (Engineering of Structures)



## Post Graduate Programs

AcSIR offers postgraduate (M.Sc, M.Tech and M.P.H.) programs in a number of areas in Science and Engineering under five faculties of study viz. Biological Science, Chemical Science, Physical Science,

Mathematical and Information Science, and Engineering Science. AcSIR also offers Post Graduate Diploma programs in some selected subjects areas customized for Industry needs.

### Master of Sciences-M.Sc (2 Years) with specialization

- Clinical Research, PHFI-IIPH, Delhi
- Food Technology, CSIR-CFTRI, Mysuru
- Health Informatics, PHFI-IIPH, Hyderabad
- Science & Technology Communication

### Master of Technology-M.Tech (2 Years)

- Advanced Electronics Engineering, CSIR-CEERI, Pilani
- Advanced Instrumentation, CSIR-CSIO, Chandigarh
- Building Engineering and Construction Technology,
- Chemical Engineering, CSIR-NCL, Pune
- Computational Biology and Bioengineering, CSIR-NCL, Pune
- Computer Science,
- Engineering of Structures, CSIR-SERC, Chennai
- Environmental Systems Engineering & Modelling,
- Flight Vehicles, CSIR-NAL, Bengaluru
- Glass and Ceramic Engineering, CSIR-CGCRI
- Materials Engineering, CSIR-
- Materials Science and Technology,
- Polymer Engineering, CSIR-NPL, Pune
- Mechatronics, CSIR-CMERI, Durgapur
- Farm Machinery and Power Engineering, CSIR-CMERI, Durgapur
- Design of Machinery and Equipment, CSIR-CMERI, Durgapur

### Master of Public Health-M.P.H (2 years)

- PHFI-IIPH, Delhi
- MSMAIR, Gurugram



## Post Graduate Diploma Programs

### Post Graduate Diplom-PGD (1 Year)

- Patinformatics, CSIR-URDIP, Pune
- Precision Measurement and Quality Control, CSIR-NCL, Pune
- Avance Manufacturing Technology, CSIR-CMERI, Durgapur

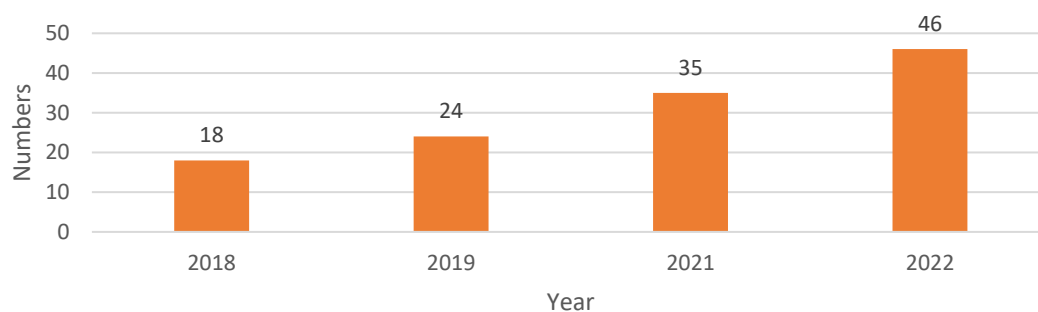
## Joint PhD Program

AcSIR has several academic collaborations with reputed International and National Universities to promote student mobility and exchange.

Currently, AcSIR has agreements with 3 International Universities for joint Ph.D. programs (Cotutelle) namely, Royal Melbourne Institute of Technology

University, Australia; University of Western Australia, Australia; Deakin University, Australia and 2 National Institutions namely National Institute of Ayurveda, Jodhpur and Institute of Teaching and Research in Ayurveda, Jamnagar.

**Number of Enrollments under Joint Ph.D Degree Programme**



■ Annual student enrollment within the Joint PhD Program

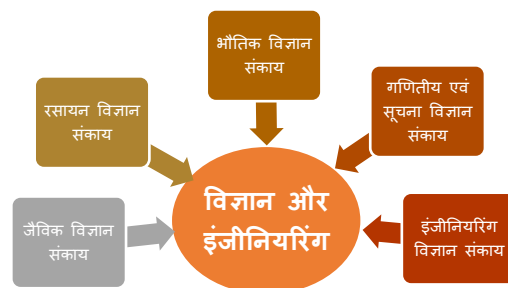


## शैक्षणिक कार्यक्रम

### डॉक्टर ऑफ फिलॉसफी-पीएचडी (3-6 वर्ष)

एसीएसआईआर विज्ञान और इंजीनियरिंग के क्षेत्र में अपने सभी शैक्षिक केंद्रों और सहयोगी शैक्षिक केंद्रों में डॉक्टरेट प्रोग्राम के लिए शोध के अवसर प्रदान करता है

संस्थान विशेष रूप से अंतर-विषयीय और पार-विषयगत शिक्षा एवं समस्या के समाधान या वैज्ञानिक प्रश्नों के उत्तर देने के दृष्टिकोण पर बल देता है। छात्रों को ऐसे बाहरी तत्वों पर अनुसंधान करने की प्रोत्साहना दी जाती है जो एक से अधिक विषयों के मेल की मांग करते हैं। एम.टेक. और पी.एच.डी. की शैक्षिक कार्यक्रम विभिन्न क्षेत्रों में उपलब्ध हैं, जिनमें मेकैट्रॉनिक्स, संरचनाओं के



इंजीनियरिंग, कॉम्पोजिट्स, फेब्रायोनिक्स, जीवन से प्रेरित डिवाइस और सिस्टम, प्लैस्मोनिक्स, अप्लाइड मैथमैटिकल/कंप्यूटेशनल मॉडलिंग, एयरोस्पेस, प्रकोप से बचाव, पर्यावरणीय जोखिम मूल्यांकन, फुटवियर विज्ञान और इंजीनियरिंग, समुद्र विज्ञान, ग्लास और सिरेमिक इंजीनियरिंग, स्मार्ट एम्बेडेड सिस्टम आदि शामिल हैं।

### एसीएसआईआर केंद्रों में प्रस्तावित पीएचडी कार्यक्रम

CSIR-4PI	CSIR-CIMFR	CSIR-IIIM	CSIR-NGRI	DST-IASST	ICMR-NIMR
CSIR-AMPRI	CSIR-CLRI	CSIR-IIP	CSIR-NIIST	DST-WIHG	ICMR-NIV
CSIR-CBRI	CSIR-CMERI	CSIR-IITR	CSIR-NIO	MoES-IITM	ICMR-RMRC
CSIR-CCMB	CSIR-CRRI	CSIR-IMMT	CSIR-NIScPR	MoEFCC-WII	ICMR-VCRC
CSIR-CDRI	CSIR-CSIO	CSIR-IMTECH	CSIR-NML	DST-BSIP	LV PEI
CSIR-CECRI	CSIR-CSMCRI	CSIR-NAL	CSIR-NPL	DST-INST	MoES-IITM
CSIR-CEERI	CSIR-IGIB	CSIR-NBRI	CSIR-SERC	DST-WIHG	MoHFW-NIB
CSIR-CFTRI	CSIR-IHBT	CSIR-NCL	CSIR-URDIP	Max-MSMAIR	PHFI-IIPH
CSIR-CGCRI	CSIR-IICB	CSIR-NEERI			TIGS
CSIR-CIMAP	CSIR-IICT	CSIR-NEIST			CBMR



## एकीकृत पीएचडी कार्यक्रम

एसीएसआईआर उन उम्मीदवारों के लिए शोध अवसर प्रदान करता है जिनके पास चयनित एसीएसआईआर शैक्षिक केंद्रों और सहयोगी शैक्षिक केंद्रों में स्नातक स्तर की डिग्री है।

एकीकृत डॉक्टरेट प्रोग्राम निम्नलिखित एसीएसआईआर शैक्षिक केंद्रों और सहयोगी शैक्षिक केंद्रों में प्रदान किए जाते हैं:

### विषय के साथ एकीकृत एम.एस.सी. -डॉक्टरेट (M.Sc.-Ph.D.) प्रोग्राम

- पीएचएफआई-इंडियन इंस्टीट्यूट ऑफ पब्लिक हेल्थ, दिल्ली (क्लिनिकल रिसर्च)
- पीएचएफआई-भारतीय सार्वजनिक स्वास्थ्य संस्थान, हैदराबाद (स्वास्थ्य सूचना विज्ञान)

### विशेषज्ञता के साथ एकीकृत दोहरी डिग्री कार्यक्रम (आईडीडीपी-एम.टेक+पीएचडी)

- सीएसआईआर-उन्नत सामग्री और प्रक्रिया अनुसंधान, भोपाल (सामग्री विज्ञान और प्रौद्योगिकी)
- सीएसआईआर-केंद्रीय भवन अनुसंधान संस्थान, रुड़की (भवन अभियांत्रिकी एवं निर्माण प्रौद्योगिकी)
- सीएसआईआर-सेंट्रल इलेक्ट्रोकेमिकल रिसर्च इंस्टीट्यूट, कराईकुडी (केमिकल एवं इलेक्ट्रोकेमिकल इंजीनियरिंग)
- सीएसआईआर-केंद्रीय इलेक्ट्रॉनिक्स इंजीनियरिंग अनुसंधान संस्थान, पिलानी (उन्नत इलेक्ट्रॉनिक्स इंजीनियरिंग)
- सीएसआईआर-सेंट्रल ग्लास एंड सिरेमिक रिसर्च इंस्टीट्यूट, कोलकाता
- सीएसआईआर-केंद्रीय वैज्ञानिक उपकरण संगठन, चंडीगढ़ (उन्नत उपकरण)
- सीएसआईआर-सेंट्रल मैकेनिकल इंजीनियरिंग रिसर्च इंस्टीट्यूट, दुर्गापुर (मेकट्रॉनिक्स; मशीन डिजाइन)
- सीएसआईआर-फोर्थ पैराडाइम इंस्टीट्यूट, बेंगलुरु (कंप्यूटर साइंस)
- सीएसआईआर- खनिज एवं सामग्री प्रौद्योगिकी संस्थान, भुवनेश्वर (सामग्री संसाधन प्रौद्योगिकी)
- सीएसआईआर-राष्ट्रीय एयरोस्पेस प्रयोगशालाएँ, बेंगलुरु (उड़ान वाहन)
- सीएसआईआर-राष्ट्रीय रासायनिक प्रयोगशाला, पुणे (केमिकल इंजीनियरिंग, पॉलिमर विज्ञान और इंजीनियरिंग और कम्प्यूटेशनल जीव विज्ञान और जैव-इंजीनियरिंग)
- सीएसआईआर-राष्ट्रीय पर्यावरण इंजीनियरिंग अनुसंधान संस्थान, नागपुर (पर्यावरण प्रणाली इंजीनियरिंग और मॉडलिंग)
- सीएसआईआर-राष्ट्रीय धातुकर्म प्रयोगशाला, जमशेदपुर (सामग्री इंजीनियरिंग)
- सीएसआईआर-स्ट्रक्चरल इंजीनियरिंग रिसर्च सेंटर, चेन्नई (संरचनाओं की इंजीनियरिंग)



## स्नातकोत्तर कार्यक्रम

एसीएसआईआर अध्ययन के पांच संकायों जैविक विज्ञान, रासायनिक विज्ञान, भौतिक विज्ञान, गणितीय और सूचना विज्ञान, और इंजीनियरिंग विज्ञान के तहत विज्ञान और इंजीनियरिंग के कई क्षेत्रों में स्नातकोत्तर (एम.एससी, एम.टेक और

एम.पी.एच.) डिग्री प्रदान करता है। एसीएसआईआर उद्योग की जरूरतों के लिए अनुकूलित कुछ चयनित विषयों में स्नातकोत्तर डिप्लोमा डिग्री भी प्रदान करता है।

### विशेषज्ञता के साथ मास्टर ऑफ साइंसेज-एम.एससी (2 वर्ष)

- क्लिनिकल रिसर्च, पीएचएफआई-आईआईपीएच, दिल्ली
- खाद्य प्रौद्योगिकी, सीएसआईआर-सीएफटीआरआई, मैसूर
- स्वास्थ्य सूचना विज्ञान, पीएचएफआई-आईआईपीएच, हैदराबाद
- विज्ञान एवं प्रौद्योगिकी संचार

### मास्टर ऑफ टेक्नोलॉजी-एम.टेक (2 वर्ष)

- उन्नत इलेक्ट्रॉनिक्स इंजीनियरिंग, सीएसआईआर-सीईईआरआई, पिलानी
- एडवांस्ड इंस्ट्रुमेंटेशन, सीएसआईआर-सीएसआईओ, चंडीगढ़
- बिल्डिंग इंजीनियरिंग और निर्माण प्रौद्योगिकी,
- केमिकल इंजीनियरिंग, सीएसआईआर-एनसीएल, पुणे
- कम्प्यूटेशनल बायोलॉजी और बायोइंजीनियरिंग, सीएसआईआर-एनसीएल, पुणे
- कंप्यूटर विज्ञान,
- संरचनाओं की इंजीनियरिंग, सीएसआईआर-एसईआरसी, चेन्नई
- पर्यावरण प्रणाली इंजीनियरिंग एवं मॉडलिंग,
- उड़ान वाहन, सीएसआईआर-एनएएल, बेंगलुरु
- ग्लास और सिरेमिक इंजीनियरिंग, सीएसआईआर-सीजीसीआरआई
- सामग्री इंजीनियरिंग, सीएसआईआर-
- सामग्री विज्ञान और प्रौद्योगिकी
- पॉलिमर इंजीनियरिंग, सीएसआईआर-एनपीएल, पुणे
- मेक्ट्रॉनिक्स, सीएसआईआर-सीएमईआरआई, दुर्गापुर
- फार्म मशीनरी और पावर इंजीनियरिंग, सीएसआईआर-सीएमईआरआई, दुर्गापुर
- मशीनरी और उपकरण का डिज़ाइन, सीएसआईआर-सीएमईआरआई, दुर्गापुर

### मास्टर ऑफ पब्लिक हेल्थ-एम.पी.एच (2 वर्ष)

- उन्नत इलेक्ट्रॉनिक्स इंजीनियरिंग
- उन्नत इंस्ट्रुमेंटेशन
- बिल्डिंग इंजीनियरिंग और निर्माण प्रौद्योगिकी



## स्नातकोत्तर डिप्लोमा कार्यक्रम

### स्नातकोत्तर डिप्लोमा-पीजीडी (1 वर्ष)

- पैटेंटफॉर्मेटिक्स, सीएसआईआर-यूआरडीआईपी, पुणे
- परिशुद्धता माप और गुणवत्ता नियंत्रण, सीएसआईआर-एनसीएल, पुणे
- एडवांस मैनुफैक्चरिंग टेक्नोलॉजी, सीएसआईआर-सीएमईआरआई, दुर्गापुर

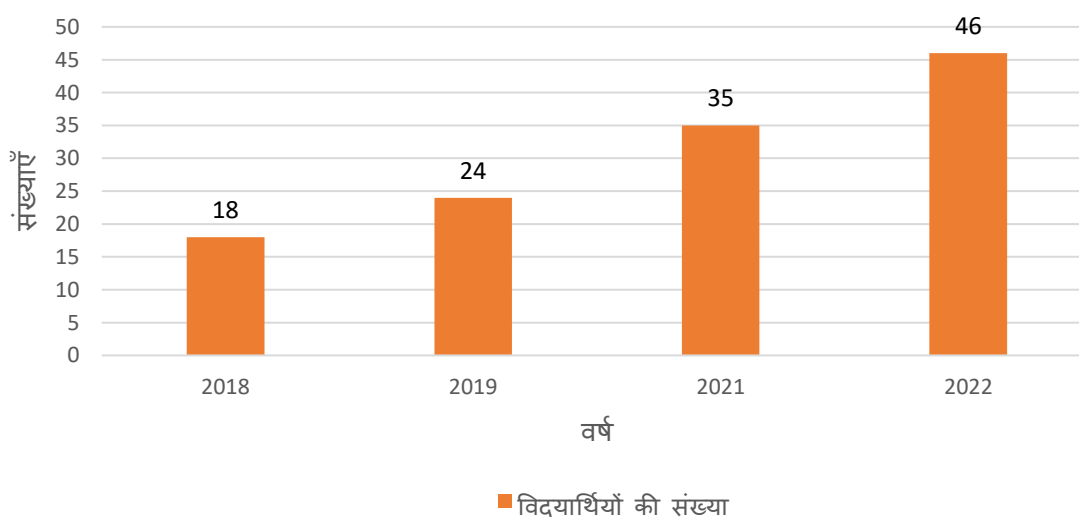
### संयुक्त पी.एचडी. कार्यक्रम

छात्रों की गतिशीलता और आदान-प्रदान को बढ़ावा देने के लिए एसीएसआईआर ने प्रतिष्ठित अंतरराष्ट्रीय और राष्ट्रीय विश्वविद्यालयों के साथ कई शैक्षणिक सहयोग किए हैं।

वर्तमान में, एसीएसआईआर के पास संयुक्त डॉक्टरेट प्रोग्रामों (संयुक्त शिक्षा प्रोग्राम) के लिए 3

अंतरराष्ट्रीय विश्वविद्यालयों के साथ समझौते हैं, जिनमें रॉयल मेलबर्न इंस्टीट्यूट ऑफ टेक्नोलॉजी यूनिवर्सिटी, ऑस्ट्रेलिया; यूनिवर्सिटी ऑफ वेस्टर्न ऑस्ट्रेलिया, ऑस्ट्रेलिया; डीकिन यूनिवर्सिटी, ऑस्ट्रेलिया और 2 राष्ट्रीय संस्थान हैं, जिनमें नेशनल इंस्टीट्यूट ऑफ आयुर्वेद, जोधपुर और आयुर्वेद में शिक्षा और अनुसंधान के संस्थान, जामनगर शामिल हैं।

### संयुक्त पी.एचडी. डिग्री कार्यक्रम के तहत नामांकन की संख्या





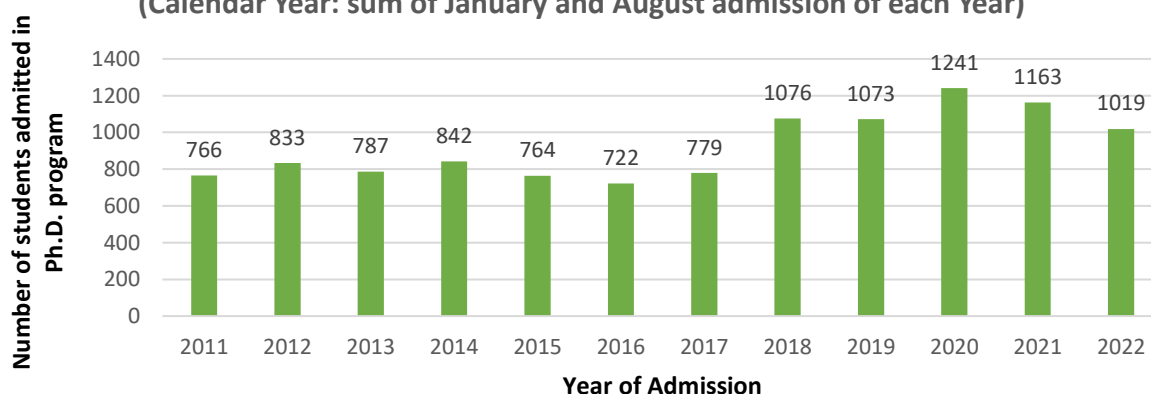
# Students & Faculty Strength

## Ph.D. Program

During the establishment of AcSIR in 2011, there were high expectations for a significant influx of students pursuing their Ph.D. studies. A target of 1000 students was set as the benchmark. From 2011 to 2014, the annual enrollment of Ph.D. students fluctuated between approximately 750 and 850 students. Subsequently, there was a slight decline, with numbers ranging from

about 720 to 780 between 2015 and 2017. However, in 2018, there was a substantial increase in the number of Ph.D. students enrolled at AcSIR, surpassing the benchmark of 1000. This upward trend continued till 2020 and the number of enrolled Ph.D. students exceeded 1200. In 2021 and 2022, there was a slight decline in the overall student enrolment.

**Year-wise Enrollment of PhD students from 2011 to 2022**  
(Calendar Year: sum of January and August admission of each Year)



## Masters' Program

In 2009, some of the National Laboratories introduced the Post Graduate Research Programme in Engineering (PGRPE). This program was subsequently merged with the M.Tech and Integrated Ph.D. program of the Academy of Scientific and Innovative Research (AcSIR). However, the M.Tech program was temporarily suspended during the years 2016 and 2017 before being reinstated in 2018.

In 2013, AcSIR collaborated with PHFI-Indian Institute of Public Health to launch M.Sc. programs at its campuses in Delhi and Hyderabad. Following this, in 2015, 2016, and 2019, M.Sc. programs were established

at CSIR-Central Food Technological Research Institute (CSIR-CFTRI), Mysuru, and CSIR-National Institute of Science Communication and Information Resources (CSIR-NISCAIR), New Delhi.

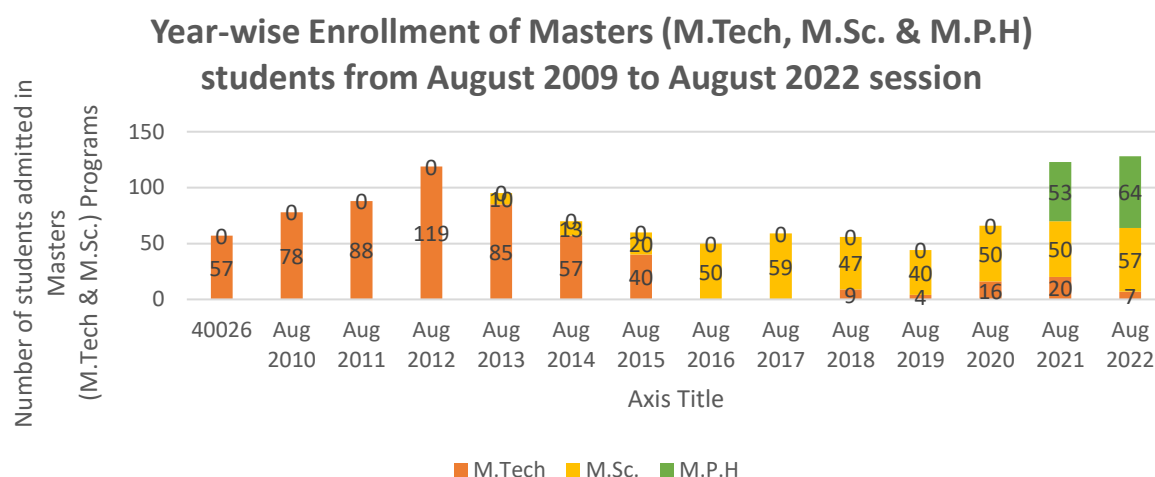
In 2021, the Public Health Foundation of India (PHFI) introduced a Masters of Public Health (MPH) program at its Delhi campus, operating under the umbrella of the Academy of Scientific and Innovative Research (AcSIR). This specialized program was meticulously crafted to tackle the unique public health challenges brought about by the COVID-19 pandemic. A comprehensive two-year, full-time



curriculum was developed, encompassing a diverse array of public health subjects, ranging from epidemiology and biostatistics to health policy and program management. Integral to the program is a practical fieldwork component, enabling students to actively engage in real-world

public health scenarios. Notably, in 2022, AcSIR extended its MPH program by collaborating with MSMAIR Gurugram, further enhancing the program's offerings.

The year-wise enrollment trend for the Masters program is depicted below.



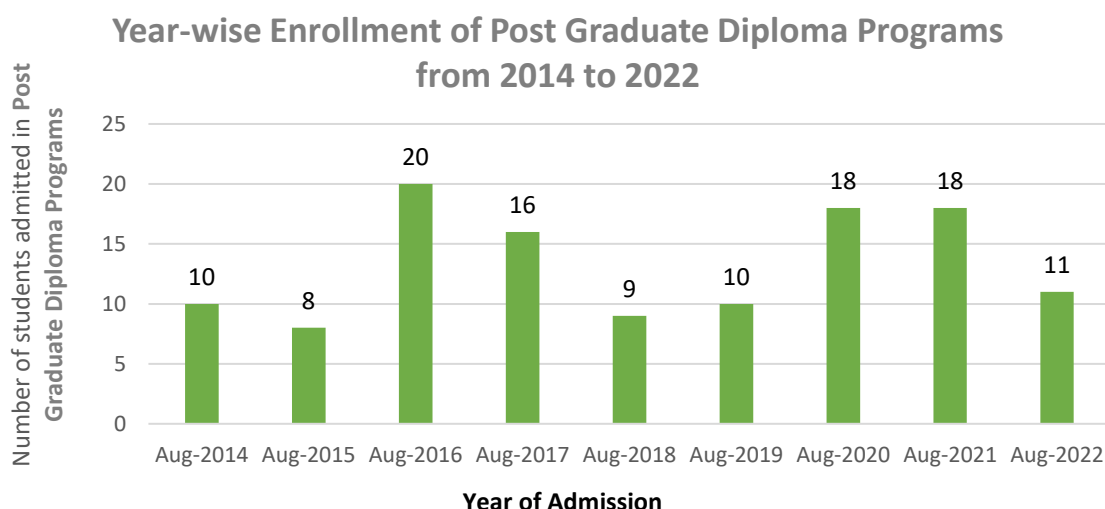
## Post Graduate Diploma Program

In 2014, a Post Graduate Diploma Program was introduced at CSIR-Unit for Research & Development of Information Products (CSIR-URDIP) in Pune.

Subsequently, CSIR-Central Mechanical Engineering Research Institute (CSIR-CMERI) in Durgapur and CSIR-National Physical Laboratory (CSIR-NPL) in New Delhi

also initiated Post Graduate Diploma programs in 2016 and 2020, respectively.

The year-wise enrollment trend for the Post Graduate Diploma program is illustrated below.





## Faculty Strength (As on March 31, 2023)

The faculty members at the Academy of Scientific and Innovative Research (AcSIR) are typically accomplished experts in various fields of science and technology. They come from diverse backgrounds and possess extensive experience in both academia and industry.

More than 200 AcSIR faculty members being listed among the World's Top 2% Scientists by Stanford University, which is a prestigious and influential recognition in the global academic community. This list represents an elite group of scientists who have made significant contributions to their respective fields and have demonstrated exceptional research excellence.

This recognition showcases the high caliber of research and expertise that these faculty members possess, placing them among the most distinguished scientists globally.

As AcSIR continues to grow and thrive, it is certain that its faculty and students will continue to make groundbreaking discoveries and contribute significantly to the advancement of science and technology, both nationally and internationally. The listing of more than 200 AcSIR faculty members in the World's Top 2% Scientists is a proud moment for India's scientific community and a testament to the institution's commitment to excellence in research and education.

Faculty	Professors	Associate Professors	Assistant Professors	Total Faculty
Engineering Sciences	181	193	394	768
Biological Sciences	154	176	475	805
Chemical Sciences	97	158	394	649
Physical Sciences	79	106	243	428
Mathematical & Information Sciences	18	17	38	73
Academy Professors				18
Professor of Eminence				1
Outstanding Professors				33
Emeritus Professors				33
Adjunct Faculty				8
TOTAL FACULTY MEMBERS at AcSIR				2816

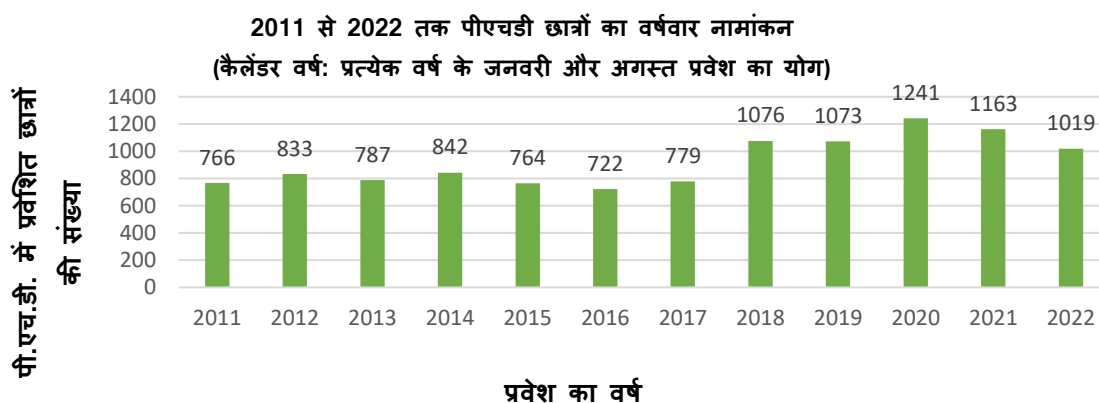


# छात्र एवं संकाय शक्ति

## पीएच.डी. कार्यक्रम

2011 में एसीएसआईआर की स्थापना के दौरान, डॉक्टरेट की पढ़ाई करने वाले छात्रों के विशेष आगमन की महत्वपूर्ण उम्मीदें थीं। लगभग 1000 छात्रों का लक्ष्य स्थापित किया गया था, परंतु वर्ष 2011 से 2014 तक, डॉक्टरेट छात्रों की वार्षिक दाखिला संख्या लगभग 750 से 850 छात्रों के बीच अस्थायी रूप से परिवर्तित हुई। इसके बाद, वर्ष 2015 से 2017 के बीच लगभग 720 से 780 तक की संख्या में थोड़ी

गिरावट आई। हालांकि, वर्ष 2018 में एसीएसआईआर में दाखिल डॉक्टरेट छात्रों की संख्या में काफी वृद्धि हुई, 1000 के बेंचमार्क को पार कर गई। यह उच्चारण दिशा वर्ष 2020 तक जारी रहा और दाखिल डॉक्टरेट छात्रों की संख्या 1200 से अधिक हो गई। वर्ष 2021 और 2022 में, कुल छात्र दाखिला में थोड़ी गिरावट आई।



## मास्टर कार्यक्रम

2011 में, कुछ राष्ट्रीय प्रयोगशालाओं द्वारा इंजीनियरिंग में स्नातकोत्तर अनुसंधान कार्यक्रम (पीजीआरपीई) की शुरुआत की गई। इस कार्यक्रम को बाद में वैज्ञानिक और नवोन्मेषी अनुसंधान अकादमी (एसीएसआईआर) के एम.टेक और एकीकृत पीएचडी कार्यक्रम के साथ विलय कर दिया गया। हालांकि, 2018 में बहाल होने से पहले एम.टेक कार्यक्रम को वर्ष 2016 और 2017 के दौरान अस्थायी रूप से निलंबित कर दिया गया था। 2013 में, एसीएसआईआर ने पीएचएफआई- इंडियन इंस्टीट्यूट ऑफ पब्लिक हेल्थ से मिलकर दिल्ली और हैदराबाद में अपने कैम्पसों में एम.एससी. कार्यक्रमों की शुरुआत की। इसके पश्चात्, 2015, 2016 और 2019 में, एम.एससी. कार्यक्रम सीएसआईआर- सेंट्रल फूड टेक्नोलॉजिकल रिसर्च इंस्टीट्यूट (सीएसआईआर-

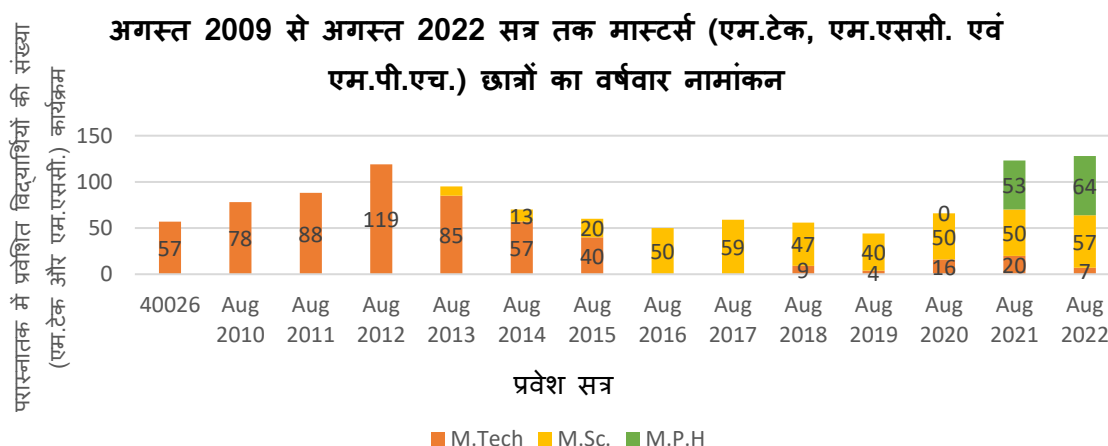
सीएफटीआरआई), मैसूर, और सीएसआईआर- नेशनल इंस्टीट्यूट ऑफ साइंस कम्युनिकेशन एंड इंफॉर्मेशन रिसोर्सेज (सीएसआईआर-एनआईएससीआईआर) नई दिल्ली में स्थापित किए गए।

2021 में, पब्लिक हेल्थ फाउंडेशन ऑफ इंडिया (PHFI) ने एकेडमी ऑफ साइंटिफिक एंड इनोवेटिव रिसर्च (AcSIR) के तत्वावधान में अपने दिल्ली परिसर में मास्टर्स ऑफ पब्लिक हेल्थ (MPH) कार्यक्रम शुरू किया। कार्यक्रम को विशेष रूप से COVID-19 महामारी से उत्पन्न सार्वजनिक स्वास्थ्य चुनौतियों का समाधान करने के लिए डिज़ाइन किया गया था। यह दो साल का पूर्णकालिक कार्यक्रम है जिसमें महामारी विज्ञान, जैव सांख्यिकी, स्वास्थ्य नीति और कार्यक्रम प्रबंधन सहित सार्वजनिक स्वास्थ्य विषयों की एक विस्तृत श्रृंखला शामिल है। कार्यक्रम में एक फील्डवर्क घटक भी



शामिल है, जहां छात्र सार्वजनिक स्वास्थ्य अभ्यास में व्यावहारिक अनुभव प्राप्त करते हैं। कार्यक्रम का अभिन्न अंग एक व्यावहारिक फ़ील्डवर्क है, जो छात्रों को वास्तविक दुनिया के सार्वजनिक स्वास्थ्य परिदृश्यों में सक्रिय रूप से संलग्न होने में सक्षम बनाता है। विशेष रूप से, 2022 में, एसीएसआईआर

ने एमएसएमएआईआर गुरुग्राम के साथ सहयोग करके अपने एमपीएच कार्यक्रम का विस्तार किया, जिससे कार्यक्रम की पेशकश में और वृद्धि हुई। परास्नातक कार्यक्रम में वर्षवार नामांकन की प्रवृत्ति को नीचे दर्शाया गया है।



## पोस्ट ग्रेजुएट डिप्लोमा प्रोग्राम

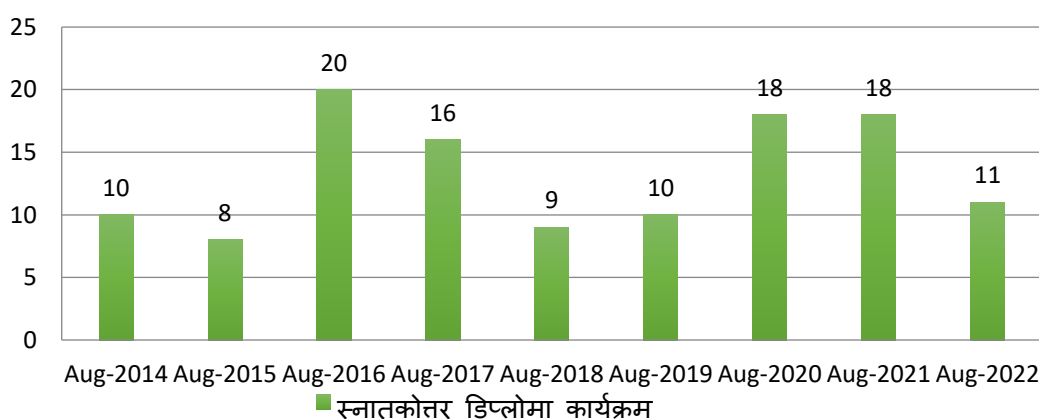
वर्ष 2014 में, पुणे में सीएसआईआर-यूनिट फॉर रिसर्च एंड डेवलपमेंट ऑफ़ इनफॉर्मेशन प्रोडक्ट्स (सीएसआईआर-यूआरडीआईपी) में एक पोस्ट ग्रेजुएट डिप्लोमा प्रोग्राम प्रस्तुत किया गया था।

इसके बाद, 2016 में दुर्गापुर में सीएसआईआर-सेंट्रल मैकेनिकल इंजीनियरिंग रिसर्च इंस्टीट्यूट

(सीएसआईआर-सीएमईआरआई) और 2020 में नई दिल्ली में सीएसआईआर-नेशनल फिजिकल लेबोरेटरी (सीएसआईआर-एनपीएल) ने भी पोस्ट ग्रेजुएट डिप्लोमा प्रोग्राम शुरू किए।

पोस्ट ग्रेजुएट डिप्लोमा प्रोग्राम के वार्षिक पंजीकरण की प्रवृत्ति निम्नलिखित रूप में दर्शाई गई है :

## 2014 से 2022 तक स्नातकोत्तर डिप्लोमा कार्यक्रमों का वर्ष-वार नामांकन





## संकाय सामर्थ्य (31 मार्च, 2023 तक)

स्टैनफोर्ड यूनिवर्सिटी द्वारा "विश्व के शीर्ष 2% वैज्ञानिक- 2022" की सूची वैश्विक शैक्षणिक समुदाय में एक प्रतिष्ठित और प्रभावशाली मान्यता है। यह सूची वैज्ञानिकों के एक विशिष्ट समूह का प्रतिनिधित्व करती है जिन्होंने अपने संबंधित क्षेत्रों में महत्वपूर्ण योगदान दिया है और असाधारण अनुसंधान उत्कृष्टता का प्रदर्शन किया है।

200 से अधिक एसीएसआईआर संकाय सदस्यों को विश्व के शीर्ष 2% वैज्ञानिकों में सूचीबद्ध किया जाना वैज्ञानिक समुदाय में उनके असाधारण योगदान का प्रमाण है। यह मान्यता इन संकाय सदस्यों के पास मौजूद अनुसंधान और विशेषज्ञता की उच्च

क्षमता को दर्शाती है, जो उन्हें विश्व स्तर पर सबसे प्रतिष्ठित वैज्ञानिकों में रखती है।

जैसे-जैसे एसीएसआईआर आगे बढ़ता है एवं विकसित होता है, यह निश्चित है कि इसके शिक्षक और छात्र नवाचारी खोजों को जारी रखेंगे और विज्ञान और प्रौद्योगिकी की उन्नति में राष्ट्रीय और अंतरराष्ट्रीय स्तर पर महत्वपूर्ण योगदान करेंगे। 200 से अधिक एसीएसआईआर शिक्षकों की सूची "विश्व के प्रमुख 2% वैज्ञानिकों" में, यह भारत के वैज्ञानिक समुदाय के लिए गर्व की बात है और इस संस्थान की उत्कृष्टता के प्रति प्रतिबद्धता की प्रमाणिकता को दर्शाती है।

Faculty	Professors	Associate Professors	Assistant Professors	Total Faculty
अभियांत्रिकी विज्ञान	181	193	394	768
जैविक विज्ञान	154	176	475	805
रासायनिक विज्ञान	97	158	394	649
भौतिक विज्ञान	79	106	243	428
गणितीय एवं सूचना विज्ञान	18	17	38	73
अकादमी के प्रोफेसर				18
प्रख्यात प्रोफेसर				1
उत्कृष्ट प्रोफेसर				33
प्रतिष्ठित प्रोफेसर				33
सहायक फैकल्टी				8
एसीएसआईआर में कुल संकाय सदस्य				2816



# Performance Highlights

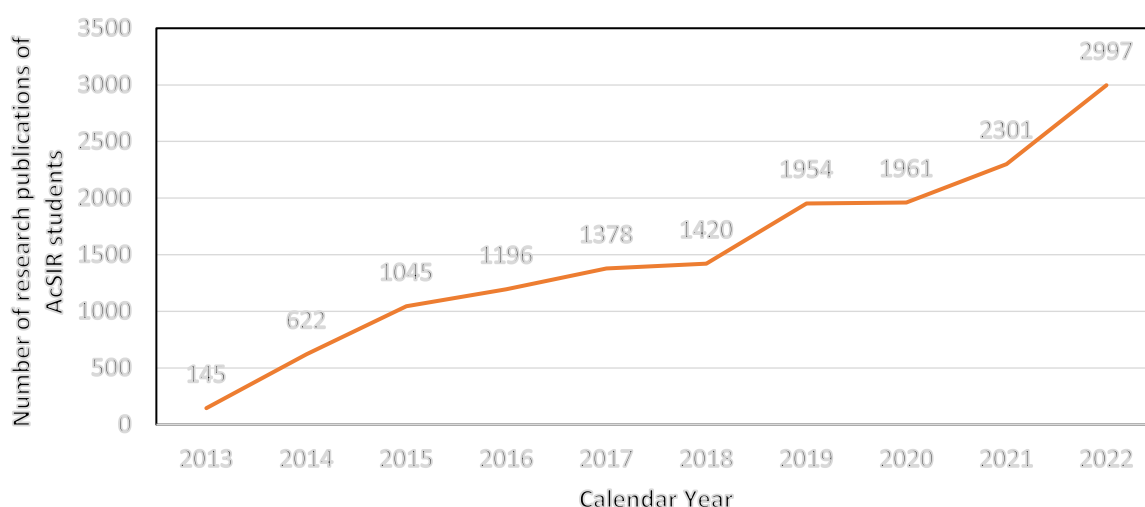
AcSIR offers access to state-of-the-art facilities, enriched by the remarkable expertise and infrastructure found within the CSIR National Laboratories. The integration of these resources ensures that AcSIR provides an environment of exceptional learning and research opportunities. This is particularly evident through its significant enrollment of over 6000 students pursuing doctoral studies in Science and Engineering disciplines. In a noteworthy achievement, this number represents a substantial portion, exceeding 5%, of the total student population engaged in Science and Engineering PhD programs across the educational landscape. This remarkable presence establishes AcSIR as one of the most expansive higher education institutions within the country, and indeed, on a global scale.

## Research Publications of AcSIR

AcSIR boasts an impressive record of research publications resulting from the hard work and research contributions of its students working across various academic centres. These publications cover crucial and essential areas of science and engineering.

Upon analysis, it reveals a significant increase in publications during the initial years, leading up to 2015, where it reached approximately 1000 publications per year. From 2016 to 2018, the rate of publication growth remained consistent. However, a notable surge in publications was observed from 2020 onwards, culminating in approximately 3000 publications in 2022. The graphical representation below illustrates this trend. The details of publications for the year 2022 is available under the download section of the AcSIR website.

## Year-wise AcSIR Publications





## Ranking among Higher Education Institutions

Despite being a relatively new institution among higher education establishments, AcSIR has started to gain recognition in global ranking systems since 2015. AcSIR has been steadily ascending in various international ranking systems for academic institutions and universities. Here is a brief overview of our progress in this regard:

### NIRF Ranking 2022



The NIRF Ranking, also known as Indian Ranking, is a ranking system by the Ministry of Education in India, which ranks higher education institutions within the country based on various parameters. AcSIR in the league of NIRF ranked institutions secured 18<sup>th</sup> rank in 'Research' category of NIRF 2022.

### Nature Index Rankings



Nature Index is a database that tracks the author affiliations of high-quality scientific articles published in a selection of high-impact scientific journals. It provides insights into the institutional contributions to scientific research. Nature Index is considered as a marker of quality of research work. AcSIR achieved 12<sup>th</sup> rank in Nature Index among Universities in India, 150<sup>th</sup> rank among Universities in Asia, and 382<sup>nd</sup> rank among universities worldwide, for the period from January 01, 2022 to December 31, 2022.

Further, AcSIR was ranked at 2<sup>nd</sup> position in Nature Index in India in the subject of 'Chemistry'. This rank of AcSIR in the subject of Chemistry in Nature Index is next to the Indian Institute of Science (IISc), Bengaluru, during the above-mentioned period.

### SCImago Institutions Rankings

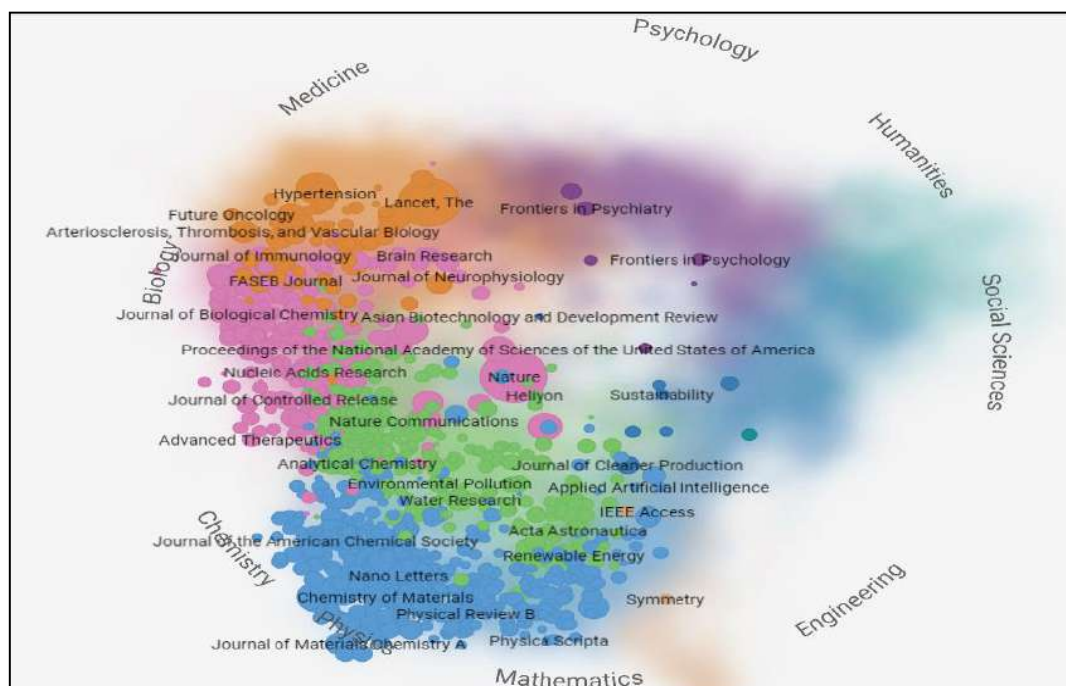


The SCImago Institutions Rankings (SIR) is another well-known ranking system that evaluates higher education institutions based on their research performance and scientific output. The SCImago Institutions Rankings (SIR) since 2009 has published its international ranking of worldwide research institutions, the SIR World Report. SIR is a science evaluation resource to assess worldwide universities and research-focused institutions based on analysis of research output and publications using the SCOPUS database of R&D publications. In SIR, AcSIR achieved overall 2<sup>nd</sup> position in 2022 in India and 164 in Asiatic Region.



## Cloud Map of Research Area Density of AcSIR research

A cloud map of subjects/areas covered by research publications of AcSIR is presented below.



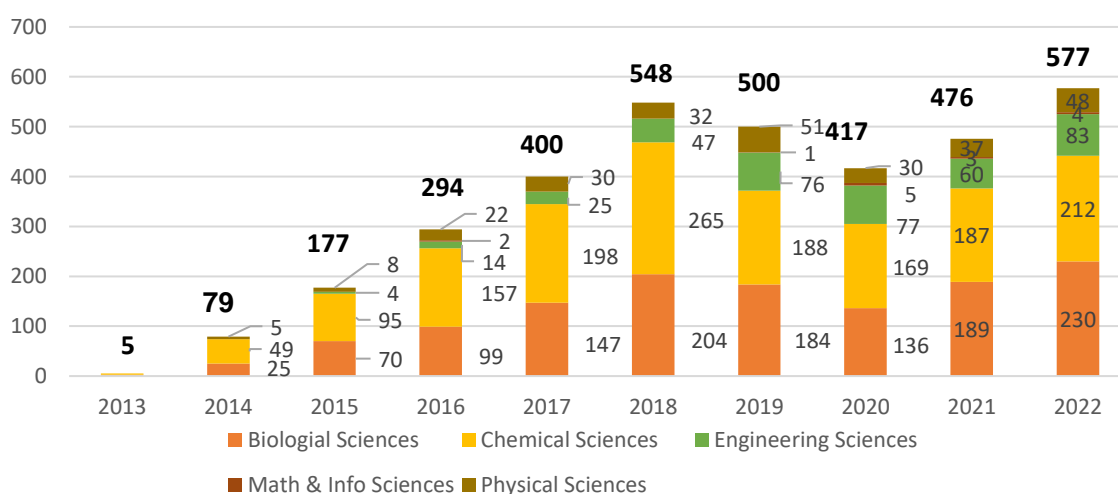
Research Publication Area Profile of AcSIR for the year 2023 (Source: SCImago)

## Ph.D. Degrees Awarded by AcSIR

Below is the comprehensive record or data of the number of PhD degrees granted in each calendar year, categorized by faculties of study. This information provides

a detailed breakdown of the number of doctoral degrees conferred within specific timeframes across different academic disciplines.

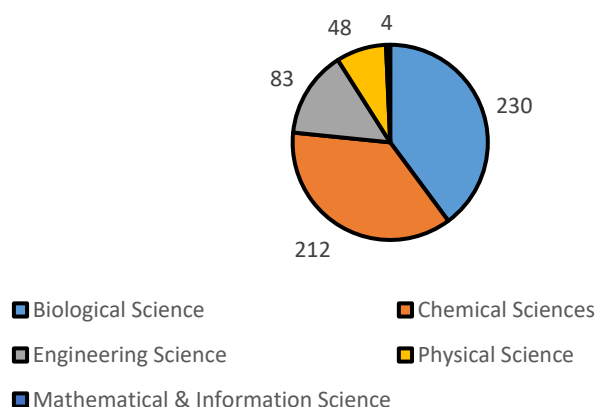
Calendar Year-wise and Faculty wise number of PhD Degrees awarded





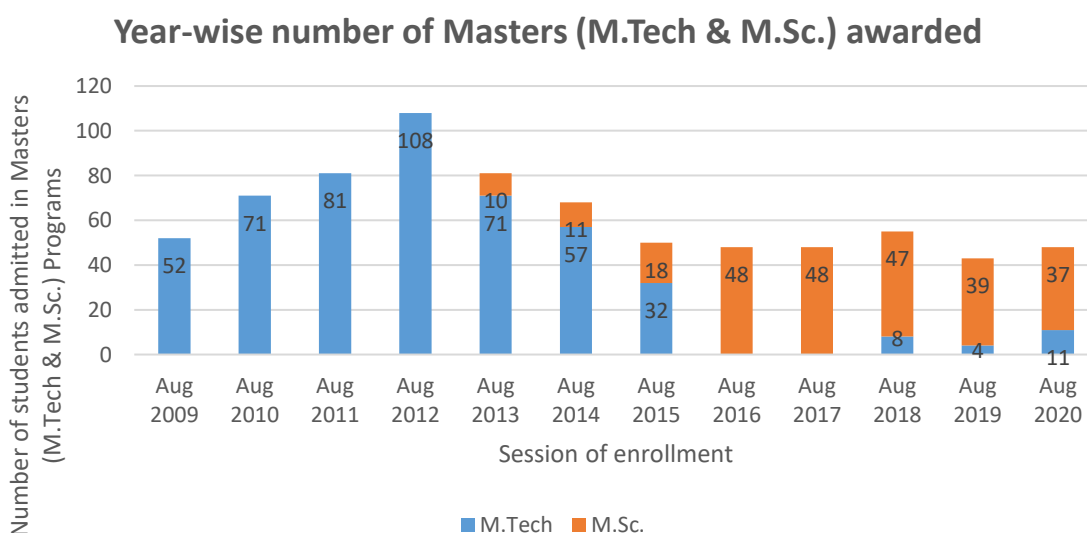
A comprehensive breakdown of the number of doctoral degrees awarded in 2022 across various fields of study is depicted below, providing valuable insights into the distribution of Ph.D. degrees among different faculties. It indicates that Biological Sciences and Chemical Sciences had the highest number of Ph.D. degrees conferred, followed by Engineering Sciences, Mathematical Sciences, and Physical Sciences.

Faculty wise distribution of Ph.D. degrees awarded in the Year 2022  
(Calendar Year)



## Masters' Degrees Awarded by AcSIR

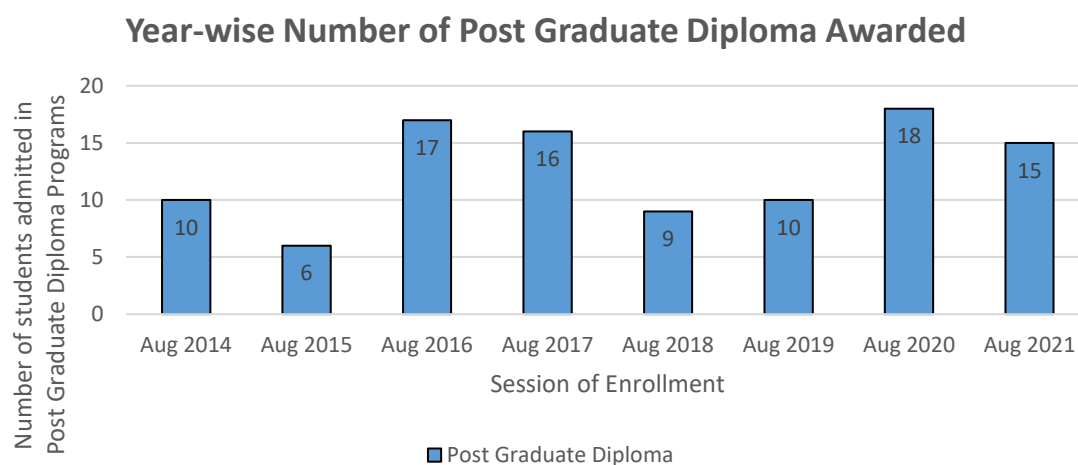
The cumulative count of admissions in master's programme in AcSIR from 2009 to 2020, offering an overview of the total number of M.Tech and M.Sc conferred throughout this specified time frame is depicted below.





## Post Graduate Diploma Awarded by AcSIR

The cumulative count of Postgraduate candidates enrolled in AcSIR from 2014 to 2021, encompassing the total number of Postgraduate Diplomas awarded across various disciplines and programs over this specific time period is represented below.





## प्रदर्शन की मुख्य बातें

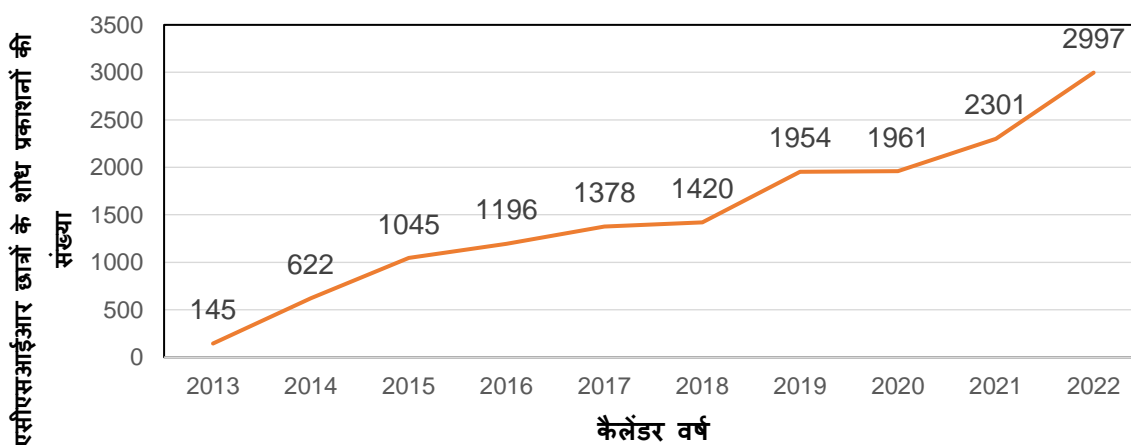
एसीएसआईआर मुख्य रूप से सीएसआईआर राष्ट्रीय प्रयोगशालाओं में वैज्ञानिक जनशक्ति के बुनियादी ढांचे और कौशल के माध्यम से अपने डॉक्टरेट छात्रों के लिए विश्व स्तरीय अनुसंधान सुविधाओं और सर्वोत्तम परामर्श की पहुंच को सक्षम बनाता है। विज्ञान और इंजीनियरिंग में 6000 से अधिक पीएचडी छात्रों के साथ, हमारे अनुमान के अनुसार, यह भारत में विज्ञान और इंजीनियरिंग में पीएचडी में नामांकित कुल छात्रों का लगभग 5% है। इस प्रकार, एसीएसआईआर संभवतः भारत में सबसे बड़ा उच्च शिक्षा संस्थान है और इस संबंध में दुनिया के सबसे बड़े संस्थानों में से एक है।

### एसीएसआईआर के अनुसंधान प्रकाशन

एसीएसआईआर के पास विभिन्न शैक्षणिक केंद्रों में काम करने वाले अपने छात्रों की कड़ी मेहनत और अनुसंधान योगदान के परिणामस्वरूप अनुसंधान प्रकाशन का एक प्रभावशाली रिकॉर्ड है, जैसा कि वर्ष 2013 से 2022 के निम्नलिखित आंकड़ों में दर्शाया गया है। ये प्रकाशन विज्ञान और इंजीनियरिंग के महत्वपूर्ण और आवश्यक क्षेत्रों को सम्मिलित किए हुए हैं।

विश्लेषण करने पर, प्रारंभिक वर्षों के दौरान प्रकाशनों में उल्लेखनीय वृद्धि का पता चलता है, वर्ष 2015 तक, जहां यह प्रति वर्ष लगभग 1000 प्रकाशनों तक पहुंच गया। वर्ष 2016 से 2018 तक प्रकाशन वृद्धि दर लगातार बनी रही। हालाँकि, 2020 के बाद से प्रकाशनों में उल्लेखनीय वृद्धि देखी गई, जिसका समापन वर्ष 2022 में लगभग 2997 प्रकाशनों में हुआ। नीचे दर्शाये गए चित्र इस प्रवृत्ति को दर्शाते हैं।

### वर्ष-वार एसीएसआईआर प्रकाशन





## उच्च शिक्षा संस्थानों में रैंकिंग

उच्च शिक्षा प्रतिष्ठानों के बीच एक अपेक्षाकृत नया संस्थान होने के बावजूद, एसीएसआईआर ने वर्ष 2015 से वैश्विक रैंकिंग प्रणालियों में मान्यता प्राप्त करना शुरू कर दिया है। एसीएसआईआर शैक्षणिक संस्थानों और विश्वविद्यालयों के लिए विभिन्न अंतरराष्ट्रीय रैंकिंग प्रणालियों में लगातार आगे बढ़ रहा है।

यह स्वीकृति उत्कृष्टता के प्रति हमारी प्रतिबद्धता और हमारे संस्थान के तीव्र विकास के प्रमाण के रूप में कार्य करती है। इस संबंध में हमारी प्रगति का संक्षिप्त विवरण इस प्रकार है:

## एनआईआरएफ रैंकिंग 2022



एनआईआरएफ रैंकिंग, जिसे भारतीय रैंकिंग के रूप में भी जाना जाता है, भारत में शिक्षा मंत्रालय की एक रैंकिंग प्रणाली है, जो विभिन्न मापदंडों के आधार पर देश के उच्च शिक्षा संस्थानों को रैंक करती है। एनआईआरएफ रैंक वाले संस्थानों की लीग में एसीएसआईआर ने एनआईआरएफ 2022 की 'अनुसंधान' श्रेणी में 18वीं रैंक हासिल की।

## SCImago संस्थानों की रैंकिंग



एससीआईमैगो संस्थान रैंकिंग (एसआईआर) एक और प्रसिद्ध रैंकिंग प्रणाली है जो उच्च शिक्षा संस्थानों की अनुसंधान प्रदर्शन और वैज्ञानिक उत्पादन के आधार पर मूल्यांकन करती है। वर्ष 2009 से एससीआईमैगो इंस्टीट्यूशंस रैंकिंग (एसआईआर) ने विश्वव्यापी अनुसंधान संस्थानों की अपनी अंतरराष्ट्रीय रैंकिंग, एसआईआर वर्ल्ड रपट प्रकाशित की है।

एसआईआर वर्ल्ड रपट एससीआईमैगो (SCImago) शोध संगठन के कार्य का हिस्सा है, जो एक स्पेन में स्थित शोध संगठन है। एसआईआर विश्वविद्यालयों और शोध-केंद्रित संस्थानों का मूल्यांकन करने के लिए एक विज्ञान मूल्यांकन स्रोत है, जिसमें विश्लेषण किया जाता है कि शोध उत्पादन और प्रकाशनों का अनुसंधान डेटाबेस एससीओपीयूएस (SCOPUS) का उपयोग करके। एसआईआर में, एससीआर ने वर्ष 2022 में भारत में कुल मिलाकर दूसरा स्थान हासिल किया और एशियाई क्षेत्र में 164वां स्थान हासिल किया।

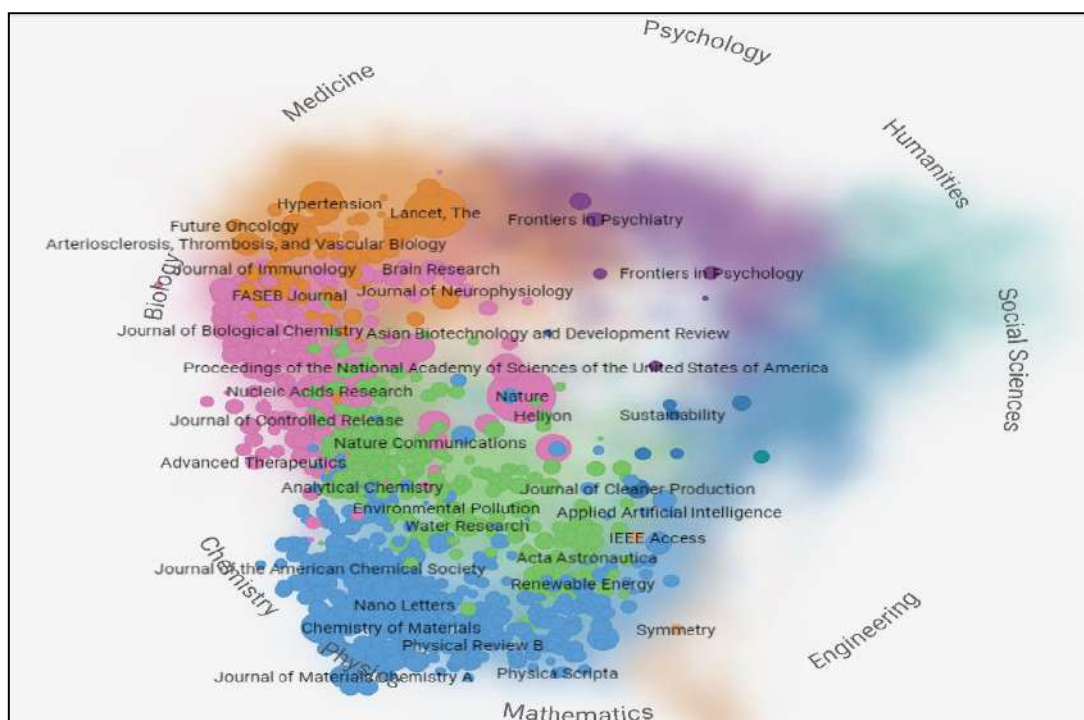
## प्रकृति सूचकांक रैंकिंग



नेचर इंडेक्स एक डेटाबेस है जो उच्च प्रभाव वाली वैज्ञानिक पत्रिकाओं में प्रकाशित उच्च गुणवत्ता वाले वैज्ञानिक लेखों के लेखक की संबद्धता को ट्रैक करता है। यह वैज्ञानिक अनुसंधान में संस्थागत योगदान के बारे में अंतर्दृष्टि प्रदान करता है। प्रकृति सूचकांक को शोध कार्य की गुणवत्ता का सूचक माना जाता है। 01 जनवरी, 2022 से 31 दिसंबर, 2022 की अवधि के लिए एसीएसआईआर ने भारत में विश्वविद्यालयों के बीच प्रकृति सूचकांक में 12वीं रैंक, एशिया में विश्वविद्यालयों के बीच 150वीं रैंक और दुनिया भर के विश्वविद्यालयों में 382वीं रैंक हासिल किया।



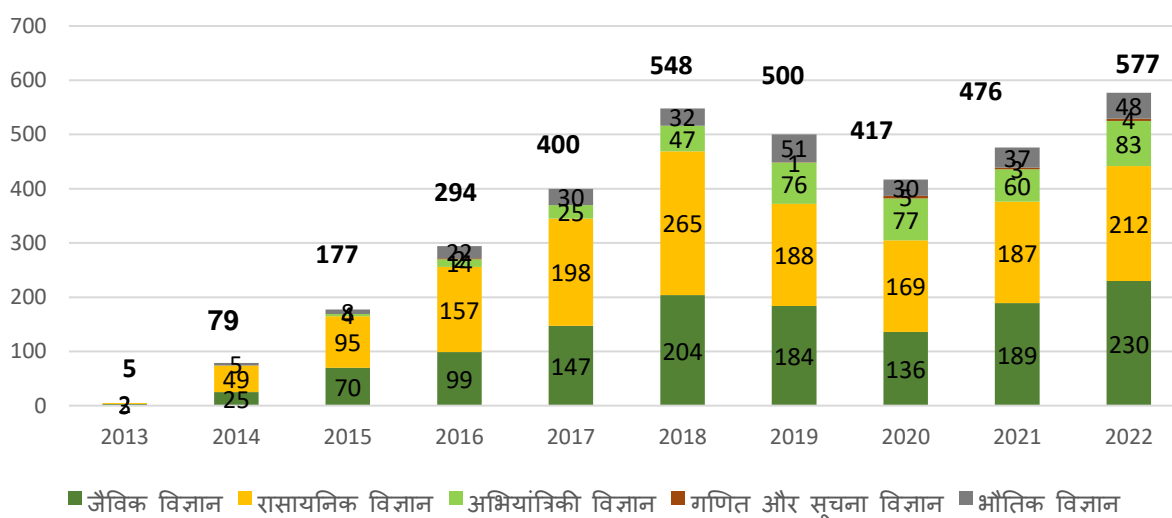
एसीएसआईआर के अनुसंधान प्रकाशनों द्वारा कवर किए गए विषयों/क्षेत्रों का क्लाउड मैप नीचे प्रस्तुत किया गया है।



एसीएसआईआर द्वारा प्रदान की गई पीएच.डी. डिग्रियाँ

अध्ययन के संकायों द्वारा वर्गीकृत, प्रत्येक कैलेंडर वर्ष में दी गई पीएचडी डिग्रियों की संख्या का व्यापक रिकॉर्ड या डेटा नीचे दिया गया है। यह जानकारी विभिन्न शैक्षणिक विषयों में विशिष्ट समय-सीमा के भीतर प्रदान की गई डॉक्टरेट डिग्रियों की संख्या का विस्तृत विवरण प्रदान करती है।

कैलेंडर वर्ष-वार और संकाय-वार प्रदान की गई पीएचडी डिग्रियों की संख्या





# New Associate Academic Centres

## **Tata Institute of Genetics & Society, Bengaluru, Karnataka (on May 30, 2022)**



TIGS is a pioneering research institute uses genetics to understand phenomenon such as biological diversity, disease ecology, underlying causes of genetic diseases, and traits of plant crops to develop innovative solutions for the issues that are most pressing issues of society, particularly in the Indian context. There are three broad areas in which TIGS works – infectious diseases, rare genetic disorders, and crops. AcSIR collaborated with TIGS, under which AcSIR will admit students into its PhD program to conduct their doctoral research at TIGS.

## **Max Healthcare Institute Limited- Max Society of Medical Academics Innovation and Research (on July 08, 2022)**



MAX has set up an Educational division known as 'Max Institute of Medical Excellence' (MSMAIR) for conducting various academics programs in medical, health and allied health sciences and also to impart training to various clinical and paramedical staff in various areas of clinical care. Further, building upon these mandates and strengths, AcSIR and MAX established an academic connectivity and synergy of academic complementation and collaboration to build capacity in identified areas/faculties of research and development and also to conduct various academics programs in medical, health and allied health sciences. AcSIR recognized MHIL as its Associate Academic Center where AcSIR would accept students from MHIL for its Doctor of Philosophy (PhD), Masters' in Public Health (MPH) and other academic programs as mutually agreed.

## **ICMR-National Institute of Virology, Pune, Maharashtra (on January 02, 2023)**



ICMR-NIV works on the surveillance and innovative research on public health important viral diseases. ICMR-NIV provides support in outbreak/ epidemics/pandemics/ national emergencies to state as well as GoI. ICMR-NIV has developed many viral vaccines like JE, SARS CoV-2, KFD and molecular/ serological diagnostic assays that are used in national programs and technologies have been transferred to industry. Human Resource Development for biomedical research, conducting M.Sc. Virology & PhD programs and conducting various training programs and workshops on viral disease, biosafety & biosecurity have been an integral part of ICMR-NIV, for which it has collaborated with AcSIR as Associate Academic centre for Ph.D Program.

## **MoES-Indian Institute of Tropical Meteorology, Pune, Maharashtra (on January 25, 2023)**



The Indian Institute of Tropical Meteorology (IITM), Pune is a premier research institution to generate scientific knowledge in Meteorology and Atmospheric Sciences with the vision of creating a World Centre of Excellence in Weather and Climate Sciences. The Institute is consistently aspiring for the better predictions of weather and climate with the national priority of developing a better prediction system for the Indian Summer Monsoon – the lifeline of the agriculture-based Indian society and economy. With continuous efforts over the years, IITM is now one of the foremost research institutes working on weather and climate sciences globally. AcSIR has collaborated with the IITM as its Associate Academic Centre to accept students from IITM for its Ph.D Program.



## नए सहयोगी शैक्षणिक केंद्र

टाटा इंस्टीट्यूट ऑफ जेनेटिक्स एंड सोसाइटी, बंगलुरु, कर्नाटक (30 मई, 2022 को)



"टीआईजीएस एक अग्रणी अनुसंधान संस्थान है जो जैव विविधता, रोग पारिस्थितिकी, आनुवंशिक रोगों के मूल कारण और पौधों की विशेषताएँ जैसे कई प्रकार के विषयों को समझने के लिए जेनेटिक्स का उपयोग करता है और समाज के सबसे महत्वपूर्ण मुद्दों के लिए नवाचारात्मक समाधान विकसित करता है, विशेषकर भारतीय संदर्भ में। तीन बड़े क्षेत्रों में टीआईजीएस काम करता है - संक्रामक बीमारियाँ, दुर्लभ आनुवंशिक विकार, और फसलें। एसीएसआईआर ने टीआईजीएस के साथ मिल कर कार्य करने का निर्णय लिया है, जहाँ एसीएसआईआर, टीआईजीएस से अपने डॉक्टरेट प्रोग्राम के लिए छात्रों को स्वीकार करेगा।"

मैक्स हेल्थकेयर इंस्टीट्यूट- मैक्स इंस्टीट्यूट ऑफ मेडिकल एक्सीलेंस, गुरुग्राम (08 जुलाई, 2022 को)



मैक्स ने 'मैक्स इंस्टीट्यूट ऑफ मेडिकल एक्सीलेंस' (MAX-MIME) के रूप में एक शैक्षिक विभाग स्थापित किया है जिसका उद्देश्य चिकित्सा, स्वास्थ्य और संबद्ध स्वास्थ्य विज्ञानों में विभिन्न शैक्षिक कार्यक्रमों का आयोजन करना है, साथ ही विभिन्न रोगविषयक और पराचिकित्सक कर्मचारियों को विभिन्न क्लिनिकल केयर के क्षेत्रों में प्रशिक्षण प्रदान करना है। इसके अतिरिक्त, इन मानदंडों और प्रबलताओं पर आधारित होकर, एक्सीएसआईआर और मैक्स ने शिक्षा संबंधी एक संवादानात्मक और सहयोगी के रूप में एक इकाई की स्थापना की जिससे शोध और विकास के निर्दिष्ट क्षेत्रों / विश्वविद्यालयों में क्षमता निर्माण किया जा सके और चिकित्सा, स्वास्थ्य और संबद्ध स्वास्थ्य विज्ञानों में विभिन्न शैक्षिक कार्यक्रमों का आयोजन भी किया जा सके। एसीएसआईआर ने एमएचआईएल को अपने सहयोगी शैक्षिक केंद्र के रूप में मान्यता दी, जहाँ एसीएसआईआर एमएचआईएल से छात्रों को अपने डॉक्टर ऑफ़ फिलॉसफी (डीएफ़), मास्टर्स इन पब्लिक हेल्थ (एमपीएच) और अन्य शैक्षिक कार्यक्रमों के अनुसार स्वीकृति प्रदान करेगा।

आईसीएमआर-नेशनल इंस्टीट्यूट ऑफ वायरोलॉजी, पुणे, महाराष्ट्र (02 जनवरी, 2023 को)



आईसीएमआर-एनआईवी सार्वजनिक स्वास्थ्य पर निगरानी और अभिनव शोध पर कार्य करता है। आईसीएमआर-एनआईवी राज्य के साथ-साथ भारत सरकार को प्रकोप/महामारी/राष्ट्रीय आपात स्थितियों में सहायता प्रदान करता है। आईसीएमआर-एनआईवी ने कई वायरल टीकों जैसे जेई, सार्स सीओवी-2, केएफडी और आणविक/ सेरोलॉजिकल डायग्नोस्टिक परीक्षण विकसित किए हैं, जिनका उपयोग राष्ट्रीय कार्यक्रमों और प्रौद्योगिकियों में किया जाता है एवं उद्योग में स्थानांतरित कर दिया गया है। जैव चिकित्सा अनुसंधान के लिए मानव संसाधन विकास, एमएससी का संचालन वायरोलॉजी और पीएचडी कार्यक्रम और वायरल रोग, जैव सुरक्षा और जैव सुरक्षा पर विभिन्न प्रशिक्षण कार्यक्रमों और कार्यशालाओं का आयोजन आईसीएमआर-एनआईवी का एक अभिन्न हिस्सा रहा है, जिसके लिए उसने पीएचडी कार्यक्रम के लिए सहयोगी अकादमिक केंद्र के रूप में एसआईआर के साथ सहयोग किया है।

एमओईएस-भारतीय उष्णकटिबंधीय मौसम विज्ञान संस्थान, पुणे, महाराष्ट्र (25 जनवरी, 2023 को)



भारतीय उष्णकटिबंधीय मौसम विज्ञान संस्थान (आईआईटीएम), पुणे मौसम और जलवायु विज्ञान में विश्व उत्कृष्टता केंद्र बनाने की दृष्टि से मौसम विज्ञान और वायुमंडलीय विज्ञान में वैज्ञानिक ज्ञान उत्पन्न करने वाला एक प्रमुख शोध संस्थान है। कृषि आधारित भारतीय समाज और अर्थव्यवस्था की जीवन रेखा - भारतीय ग्रीष्मकालीन मानसून के लिए एक बेहतर पूर्वानुमान प्रणाली विकसित करने की राष्ट्रीय प्राथमिकता के साथ संस्थान मौसम और जलवायु की बेहतर पूर्वानुमान के लिए लगातार प्रयासरत है। वर्षों से लगातार प्रयासों के साथ, आईआईटीएम अब वैश्विक रूप से मौसम और जलवायु विज्ञान पर काम करने वाले प्रमुख अनुसंधान संस्थानों में से एक है। एसीएसआईआर ने आईआईटीएम के साथ अपने सहयोगी शैक्षणिक केंद्र के रूप में सहयोग किया है ताकि वह अपने डॉक्टरेट प्रोग्राम के लिए आईआईटीएम से छात्रों को स्वीकार कर सके।



# Academic Collaborations

The broad objective of academic collaboration is to foster academic connectivity and synergy, facilitating academic complementation and partnership. The aim is to enhance capacity building in specific areas or faculties of research and development. Through these academic collaborations, institutions come together to pool their resources, expertise, and knowledge, enabling them to collectively strengthen

their capabilities in identified fields of study. This collaboration paves the way for mutual growth, knowledge sharing, and the advancement of research and development initiatives.

During the year 2022-23, Academy of Scientific and Innovative Research (AcSIR) entered into academic collaboration with the following institutions to identify them as its Associate Academic Centres-

## **Collaborations for Inter-Institutional Joint Degree (Cotutelle) PhD Program:**

The broad objective of the Joint PhD Degree Program (JDP) in a Cotutelle mode is to synergize the mentorship and equipment infrastructure of both the Institutions for a better research training and output of the students. Benefits of a Joint PhD Program-

- The Joint Degree Program will provide access to a wider range of resources including world class facilities and expertise of both the institutions.
- The opportunity to collaborate with leading researchers from both the institutions, which can provide students with valuable experience, mentorship and exposure to different research environments and diversity.
- Establishment of collaboration between the Scientists of the two institutes that may continue beyond the period of their association with student.
- Opportunity to experience two different cultures and learn about two different educational systems. This can give students an international perspective and make them more competitive in the job market.
- The collaboration will also lead to enhancement in knowledge, exchange of ideas, and long lasting bonds between institutions.

During the year 2022-23, Academy of Scientific and Innovative Research (AcSIR) entered into academic collaboration to offer Joint Degree (Cotutelle) PhD Program with following national and international institutions:



### National Institute of Ayurveda, Jaipur, India (on April 21, 2022)



National Institute of Ayurveda, Jaipur is an apex Institute under the Ministry of AYUSH, Government of India for promoting the growth and development of Ayurveda and serve as a model Institute for evolving high standards of teaching, training, research, patient care and also to invoke scientific outlook to the knowledge of Ayurveda System of Healthcare. Institute has attained status of Deemed to be University (De novo Category) which has been granted by the University Grants Commission (UGC) on 9<sup>th</sup> of November, 2020. Institute was accredited with NAAC 'A' grade on 8.4.2021. The National Institute of Ayurveda was established on 7th February 1976 by the Ministry of Health and Family Welfare, Government of India. Since its inception, it has continuously been engaged in promoting reforms and developments in Ayurveda System of Health care at National and International level. The Institute is not only a premier Institute under the Central Government but also amongst apex institutions in the field of Ayurveda education and training in the country.

### Institute of Teaching and Research in Ayurveda, Jamnagar, India (on April 21, 2022)



The Institute of Teaching and Research in Ayurveda (ITRA) is the first 'Institute of National Importance' in the sector of AYUSH (Ayurveda, Yoga and Naturopathy, Unani, Siddha and Homoeopathy). The parliament of India passed the 'Institute of Teaching and Research in Ayurveda Act, 2020' and the provisions of this act came into force on 15 October 2020. The ITRA is formed by the amalgamation of three different institutes namely (i) The Institute of Post Graduate Teaching and Research in Ayurveda (IPGT & RA), (ii) Shree Gulabkunverba Ayurved Mahavidyalaya, and (iii) The Indian Institute of Ayurvedic Pharmaceutical Sciences, Jamnagar

### Deakin University, Australia (on June 22, 2022)



Deakin University is highly regarded for its quality education and research. It consistently ranks among the top universities in Australia and the world.

It has a strong focus on research and is recognized for its contributions to various fields. It conducts impactful research in areas such as health, materials science, environmental science, education, and digital innovation. The university actively encourages interdisciplinary research. The broad objective of the agreement is to collaborate to jointly provide the Joint PhD Degree Program (JDP) i.e. a cotutelle program of research and training carried out by a Ph.D candidate who is concurrently enrolled in and jointly supervised by an academic supervisor, at both institutions.



## शैक्षणिक सहयोग

अकादमिक सहयोग का व्यापक उद्देश्य अकादमिक संपर्क और तालमेल को बढ़ावा देना, शैक्षणिक पूरकता और साझेदारी को सुविधाजनक बनाना है। इसका उद्देश्य अनुसंधान और विकास के विशिष्ट क्षेत्रों या संकायों में क्षमता निर्माण को बढ़ाना है। इन अकादमिक सहयोगों के माध्यम से, संस्थान अपने संसाधनों, विशेषज्ञता और ज्ञान को एकत्र करने के लिए एक साथ आते हैं, जो उन्हें अध्ययन के पहचाने गए क्षेत्रों में अपनी क्षमताओं को सामूहिक रूप से

मजबूत करने में सक्षम बनाते हैं। यह सहयोग आपसी विकास, ज्ञान साझा करने और अनुसंधान और विकास पहलों की प्रगति का मार्ग प्रशस्त करता है।

वर्ष 2022-23 के दौरान, वैज्ञानिक और नवीकृत अनुसंधान अकादमी (एसीएसआईआर) ने निम्नलिखित संस्थानों के साथ अकादमिक सहयोग किया, ताकि उन्हें इसके सहयोगी शैक्षणिक केंद्रों के रूप में पहचान दी जा सके-

संस्थानों के बीच संयुक्त डिग्री (कोटयूटेल) डॉक्टरेट प्रोग्राम के लिए सहयोग:

संयुक्त पीएचडी डिग्री कार्यक्रम (जेडीपी) का व्यापक उद्देश्य छात्रों के बेहतर अनुसंधान प्रशिक्षण और उत्पादन के लिए दोनों संस्थानों के मेंटरशिप और उपकरण बुनियादी ढांचे में तालमेल बिठाना है। संयुक्त पीएचडी कार्यक्रम के फायदे-

- संयुक्त डिग्री प्रोग्राम दोनों संस्थानों की विश्व-स्तरीय सुविधाओं और विशेषज्ञता के विशिष्ट संसाधनों तक पहुँच प्रदान करेगा।
- दोनों संस्थानों के प्रमुख शोधकर्ताओं के साथ सहयोग करने का अवसर, जो छात्रों को मूल्यवान अनुभव, मार्गदर्शन और विभिन्न अनुसंधान वातावरण और विविधता से अवगत करा सकता है।
- दोनों संस्थानों के वैज्ञानिकों के बीच सहयोग की स्थापना जो छात्रों के साथ उनके सहयोग की अवधि के बाद भी जारी रह सकती है।
- दो अलग-अलग संस्कृतियों का अनुभव करने और दो अलग-अलग शैक्षिक प्रणालियों के बारे में जानने का अवसर। यह छात्रों को एक अंतरराष्ट्रीय परिप्रेक्ष्य दे सकता है और उन्हें नौकरी बाजार में अधिक प्रतिस्पर्धी बना सकता है।
- सहयोग से ज्ञान में वृद्धि, विचारों का आदान-प्रदान और संस्थानों के बीच लंबे समय तक चलने वाले बंधन को भी बढ़ावा मिलेगा।

वर्ष 2022-23 के दौरान, वैज्ञानिक और अभिनव अनुसंधान अकादमी (एसीएसआईआर) ने निम्नलिखित राष्ट्रीय और अंतरराष्ट्रीय संस्थानों के साथ संयुक्त पीएचडी डिग्री कार्यक्रम की पेशकश करने के लिए अकादमिक सहयोग किया:



## राष्ट्रीय आयुर्वेद संस्थान, जयपुर, भारत (21 अप्रैल, 2022 को)



राष्ट्रीय आयुर्वेद संस्थान, जयपुर आयुर्वेद के तरक्की और विकास को बढ़ावा देने के लिए भारत सरकार के आयुष मंत्रालय के तहत एक शीर्ष संस्थान है जो शिक्षण, प्रशिक्षण, अनुसंधान, रोगी देखभाल के उच्च मानकों को विकसित करने के लिए एक मॉडल संस्थान के रूप में कार्य करता है और स्वास्थ्य देखभाल की आयुर्वेद प्रणाली के ज्ञान का वैज्ञानिक दृष्टिकोण प्रदान करती है। संस्थान को डीम्ड यूनिवर्सिटी (डी नोवो श्रेणी) का दर्जा प्राप्त हुआ है, जो 9 नवंबर, 2020 को विश्वविद्यालय अनुदान आयोग (यूजीसी) द्वारा प्रदान किया गया है। संस्थान को 8.4.2021 को एनएएससी 'ए' ग्रेड से मान्यता दी गई थी। राष्ट्रीय आयुर्वेद संस्थान की स्थापना 7 फरवरी 1976 को भारत सरकार के स्वास्थ्य और परिवार कल्याण मंत्रालय द्वारा की गई थी। अपनी स्थापना के बाद से यह लगातार राष्ट्रीय और अंतर्राष्ट्रीय स्तर पर स्वास्थ्य देखभाल की आयुर्वेद प्रणाली में सुधार और विकास को बढ़ावा देने में लगा हुआ है। यह संस्थान न केवल केंद्र सरकार के अधीन एक प्रमुख संस्थान है, बल्कि देश में आयुर्वेद शिक्षा और प्रशिक्षण के क्षेत्र में शीर्ष संस्थानों में से एक है।

## आयुर्वेद शिक्षण एवं अनुसंधान संस्थान, जामनगर, भारत (21 अप्रैल, 2022 को)



आयुर्वेद में शिक्षा और अनुसंधान संस्थान (ITRA) आयुष (आयुर्वेद, योग और प्राकृतिक चिकित्सा, यूनानी, सिद्ध और होम्योपैथी) के क्षेत्र में पहला 'राष्ट्रीय महत्व का संस्थान' है। भारतीय संसद ने 'आयुर्वेद में शिक्षा और अनुसंधान संस्थान अधिनियम, 2020' को पारित किया और इस अधिनियम की प्रावधानिकताएं 15 अक्टूबर 2020 को प्रभाव में आईं। ITRA को तीन विभिन्न संस्थानों के एकीकरण द्वारा गठित किया गया है, जिनमें (i) पोस्ट ग्रेजुएट शिक्षण और अनुसंधान संस्थान (IPGT & RA), (ii) श्री गुलाबकुंवरबा आयुर्वेद महाविद्यालय, और (iii) इंडियन इंस्टीट्यूट ऑफ आयुर्वेदिक फार्मास्यूटिकल साइंसेस, जामनगर शामिल हैं।

## डीकिन यूनिवर्सिटी, ऑस्ट्रेलिया (22 जून, 2022 को)



डीकिन विश्वविद्यालय अपनी गुणवत्ता युक्त शिक्षा और अनुसंधान के लिए उच्च प्राशंसा प्राप्त करता है। यह नियमित रूप से ऑस्ट्रेलिया और दुनिया के शीर्ष विश्वविद्यालयों की श्रेणी में शामिल होता है।

इसका सम्पूर्ण ध्यान अनुसंधान पर केन्द्रित रहता है और इसे विभिन्न क्षेत्रों में योगदान के लिए मान्यता प्राप्त है। यह स्वास्थ्य, सामग्री विज्ञान, पर्यावरण विज्ञान, शिक्षा और डिजिटल इनोवेशन जैसे क्षेत्रों में प्रभावी अनुसंधान करता है। विश्वविद्यालय अंतरविषयक अनुसंधान को सक्रियता से प्रोत्साहित करता है। समझौते का व्यापक उद्देश्य संयुक्त रूप से संयुक्त पीएचडी डिग्री प्रोग्राम (JDP) उपलब्ध कराना है, अर्थात् एक पीएचडी उम्मीदवार द्वारा अनुसंधान और प्रशिक्षण की संयुक्त संरचना जो एक समय में दोनों संस्थानों के शैक्षिक पर्यवेक्षकों द्वारा समयानुसार पंजीकृत किया गया है।



## Sixth Convocation



The sixth Convocation of AcSIR was held at CSIR-National Physical Laboratory, New Delhi on May 12, 2022, which was a momentous occasion for AcSIR and its graduating students. This was the day on which the academic aspiration of 498 young graduates of AcSIR (450: Ph.D. graduands; 37 graduands of Master of Science program of 2017-19 batch, 03 graduands of Master of Technology program of 2017-19 batch, and 08 graduands of Post Graduate Diploma program of 2019 batch) culminated in their holding degrees. It was a day when the graduates of AcSIR received their degrees and diploma in a formal academic event and had the collective celebrations as the collegiate of AcSIR.

The Chief Guest for this convocation Hon'ble Member, National Institution for Transforming India (NITI Aayog), Prof. Vijay Kumar Saraswat could not be present for the Convocation, due to a sudden preoccupation. The function was presided over by the Hon'ble Chancellor, AcSIR, Prof. Chandra Shekhar. The Convocation Address was delivered by Prof. Shekhar C. Mande, Director General of CSIR graced the Convocation as the Guest of Honour. The Convocation commenced with the entrance of the Academic Procession, led by Prof. Chandra Shekhar, Chancellor,

AcSIR who was accompanied by Prof. Shekhar C. Mande, DG, CSIR; Prof. Rajender S. Sangwan, Director AcSIR and Chairman,

Senate AcSIR; Prof. Suresh Bhargava, Deputy Pro-Vice Chancellor, RMIT University, Australia and Academy Professor, AcSIR; Dr. Arun Bandyopadhyay, Director, CSIR-IICB, Prof. Anjan Ray, Director, CSIR-Indian Institute of Petroleum, Dehradun; Dr. Alok Dhawan, Director, Centre of Biomedical Research, Lucknow, members of AcSIR Senate, Associate Directors of AcSIR as well as Deans, Associate Deans and many of the Coordinators of AcSIR.

### Excerpts of Address by Prof. Rajender S. Sangwan, Director, AcSIR



Prof. Rajender Singh Sangwan, extended a warm welcome to the invited dignitaries & guests and the graduands of AcSIR. Prof. Sangwan presented a brief overview of the activities and significant achievements of AcSIR over the past decade. Prof. Sangwan also shared with unique objectives and a focus on quality education and research, AcSIR has emerged as a leading institution in India. It has trained over 5500 Ph.D. students across 30 cities and published over 12,000 research papers, reflecting its significant impact. AcSIR's global collaborations, joint



Ph.D. programs, and digital approach made it an efficient and innovative model for research institutions. Lastly Prof. Sangwan concluded that this pace of growth, quality improvement, attractiveness for students and research institutions, very soon AcSIR will have position one in the country and will occupy position one among top 100 very soon on a global scale.

### Excerpts of Address by Prof. Shekhar C.Mande, DG, CSIR



Prof. Shekhar C. Mande addressed the gathering and encouraged the student for their future. He also quoted when the students will embark on their journey after being trained at the esteemed institution, the world they will face in the next 30 years will present numerous challenges. However, the top-notch education and facilities the students received at AcSIR shall prepare them well for these difficulties. The future is uncertain, but the responsibility lies in shaping it for the better. He also showed his faith by his words that the students will take humanity to greater heights and make our country proud. Prof. Shekhar C. Mande congratulated the students on their achievements, and wished them luck for the future.

### Excerpts of Address by Prof. Chandra Shekhar, Chancellor, AcSIR



The Chancellor addressed the graduating students and their families, acknowledging the challenges they faced during difficult times and praising their perseverance. He emphasized that the graduates have been empowered and equipped with independent thinking skills through their Doctor of Philosophy degree. They are encouraged to be self-propelling and not restrict themselves to narrow specializations. The importance of defining their own roles and seeking collaboration is highlighted. The speech also stressed the significance of openness of mind and heart, as well as the value of attaching themselves to goals that benefit society. Overall, the graduates are congratulated, and best wishes are extended for their future success.



## Excerpts from the convocation address by the Chief Guest Prof. Vijay Kumar Saraswat



Chief Guest, in his address, urged the graduating students to become transformational leaders who bring positive change to society. He emphasized the importance of ethics, teamwork, and capacity building in driving progress. The speakers encouraged the students to challenge themselves, continuously learn, and develop a holistic understanding of complementary disciplines. They stressed the significance of humility, generosity, and selfless work in realizing personal and collective success.

The graduates were called upon to embrace design thinking, innovation, and creativity in their endeavors, ensuring that their actions benefit not only themselves but also their families, organizations, society, and the nation as a whole.

The Chief Guest for the convocation Prof. Vijay Kumar Saraswat, Hon'ble Member, National Institution for Transforming India (NITI Aayog), who could not be present for the Convocation, due to a sudden preoccupation, addressed the graduands through a video recording.

The convocation address emphasized the importance of education and how it empowers graduates to contribute to India's transformation through disruptive technologies. With a focus on the youth, the speech encouraged them to be transformative leaders, innovators, and contributors to societal change. The speaker suggested various missions, from space science to water security that graduates can undertake. The key message is to believe in oneself, work hard, and make a lasting impact on the nation and society while embracing ethics and innovation.





## छठा दीक्षांत समारोह



एसीएसआईआर का छठा दीक्षांत समारोह 12 मई, 2022 को सीएसआईआर-राष्ट्रीय भौतिक प्रयोगशाला, नई दिल्ली में आयोजित किया गया था, जो एसीएसआईआर और इसके स्नातक छात्रों के लिए एक महत्वपूर्ण अवसर था। यह वह दिन था जब एसीएसआईआर के 498 युवा स्नातकों (450: पीएच.डी. स्नातक; 2017-19 बैच के मास्टर ऑफ साइंस कार्यक्रम के 37 स्नातक, 2017-19 बैच के मास्टर ऑफ टेक्नोलॉजी कार्यक्रम के 03 स्नातक, और) की शैक्षणिक आकांक्षाएं पूरी हुईं। 2019 बैच के पोस्ट ग्रेजुएट डिप्लोमा कार्यक्रम के 08 स्नातकों ने अपनी डिग्री हासिल की। यह वह दिन था जब एसीएसआईआर के स्नातकों ने एक औपचारिक शैक्षणिक कार्यक्रम में अपनी डिग्री और डिप्लोमा प्राप्त किया और एसीएसआईआर के कॉलेजिएट के रूप में सामूहिक समारोह मनाया। इस दीक्षांत समारोह के मुख्य अतिथि, नेशनल इंस्टीट्यूशन फॉर ट्रांसफॉर्मिंग इंडिया (नीति आयोग) के माननीय सदस्य, प्रोफेसर विजय कुमार सारस्वत अपरिहार्य कारणों से दीक्षांत समारोह में उपस्थित नहीं हो सके। समारोह की अध्यक्षता माननीय चांसलर, एसीएसआईआर, प्रो. चंद्र शेखर ने की। दीक्षांत समारोह का संबोधन सीएसआईआर के महानिदेशक प्रो. शेखर सी. मांडे ने दिया।

प्रमुख अतिथियों के उपस्थिति में दीक्षांत समारोह का आयोजन हुआ। दीक्षांत समारोह की शुरुआत अकादमिक शोभायात्रा के प्रवेश के साथ हुई, जिसका नेतृत्व प्रोफेसर चंद्र शेखर, चांसलर, एसीएसआईआर ने किया, जिनके साथ प्रोफेसर शेखर सी. मांडे, महानिदेशक, सीएसआईआर; प्रो. राजेंद्र एस. सांगवान, निदेशक एसीएसआईआर और अध्यक्ष, सीनेट एसीएसआईआर; प्रो. सुरेश भार्गव, उप-कुलपति, आरएमआईटी विश्वविद्यालय, ऑस्ट्रेलिया और अकादमी प्रोफेसर, एसीएसआईआर; डॉ. अरुण बंद्योपाध्याय, निदेशक, सीएसआईआर-आईआईसीबी, प्रोफेसर अंजन रे, निदेशक, सीएसआईआर-भारतीय पेट्रोलियम संस्थान, देहरादून; डॉ. आलोक धवन, निदेशक, सेंटर ऑफ बायोमेडिकल रिसर्च, लखनऊ, एसीएसआईआर सीनेट के सदस्य, एसीएसआईआर के एसोसिएट निदेशक और साथ ही डीन, एसोसिएट डीन और एसीएसआईआर के कई समन्वयक इस इस समारोह में उपस्थित रहे।

### प्रो. राजेंद्र एस. सांगवान के संबोधन के अंश



प्रो. राजेंद्र सिंह सांगवान ने आमंत्रित गणमान्य व्यक्तियों और अतिथियों तथा एसीएसआईआर के स्नातकों का हार्दिक स्वागत किया। प्रो. सांगवान ने पिछले दशक में एसीएसआईआर की गतिविधियों और महत्वपूर्ण उपलब्धियों की संक्षिप्त जानकारी प्रस्तुत की। प्रो. सांगवान ने साथ ही बताया कि अद्वितीय उद्देश्यों और गुणवत्ता शिक्षा और अनुसंधान पर महत्वपूर्ण ध्यान केंद्रित करने के साथ ही,



एसीएसआईआर भारत में एक अग्रणी संस्था के रूप में उभर कर सामने आया है। 30 शहरों में 5,500 से अधिक डॉक्टरेट छात्रों को प्रशिक्षित किया है और 12,000 से अधिक शोध पत्रिकाओं का प्रकाशन किया है, जिससे इसका महत्वपूर्ण प्रभाव प्रकट होता है। एसीएसआईआर के वैश्विक सहयोग, संयुक्त डॉक्टरेट कार्यक्रम, और डिजिटल दृष्टिकोण ने इसे एक कुशल और नवाचारी अनुसंधान संस्थान के रूप में उभारा है। अंत में प्रो. संगवान ने यह निष्कर्ष निकाला कि इस वृद्धि की गति, गुणवत्ता में सुधार, छात्रों और अनुसंधान संस्थानों के प्रति आकर्षण एसीएसआईआर को बहुत जल्द ही देश में पहली स्थान पर लाने में सफल होगा और बहुत जल्द ही वैश्विक मानदंडों पर शीर्ष 100 में पहला स्थान पाने में सफल होगा।

#### प्रो. शेखर सी.मांडे के संबोधन के अंश



प्रोफेसर शेखर सी मांडे ने उपस्थित लोगों को संबोधित किया और छात्रों को उनके भविष्य के लिए प्रोत्साहित किया। उन्होंने यह भी कहा कि जब छात्र प्रतिष्ठित संस्थान में प्रशिक्षित होने के बाद अपनी यात्रा शुरू करेंगे, तो अगले 30 वर्षों में वे जिस दुनिया का सामना करेंगे, उसमें कई चुनौतियां होंगी। हालांकि, एसीएसआईआर में प्राप्त शीर्ष शिक्षा और सुविधाएं इन कठिनाइयों के लिए उन्हें अच्छी तरह तैयार करेंगी। भविष्य अनिश्चित है, लेकिन जिम्मेदारी इसे बेहतर बनाने की है। उन्होंने अपने शब्दों से अपना विश्वास भी दिखाया कि छात्र मानवता को नई ऊंचाइयों पर ले जाएंगे और हमारे देश को गौरवान्वित करेंगे। प्रोफेसर शेखर सी मांडे ने छात्रों को उनकी उपलब्धियों के लिए बधाई दी और भविष्य के लिए शुभकामनाएं दीं।

#### प्रो. चन्द्रशेखर के संबोधन के अंश



कुलाधिपति स्नातकों को संबोधित करते हुए छात्रों और उनके परिवारों को सम्मानित करते हुए, प्रो. शेखर सी. मांडे ने कठिन समयों में उनके सामने आए चुनौतियों की सराहना की और उनकी सहनशीलता की प्रशंसा की। उन्होंने जोर देकर कहा कि स्नातकोत्तर छात्रों को डॉक्टर ऑफ फिलॉसफी की डिग्री के माध्यम से स्वतंत्र सोच कौशल से लैस किया गया है। उन्हें आत्म प्रचार करने और खुद को संकीर्ण विशेषज्ञता तक सीमित नहीं रखने के लिए प्रोत्साहित किया जाता है। अपनी भूमिकाओं को परिभाषित करने और सहयोग के महत्व पर प्रकाश डाला गया है। भाषण में मन और हृदय के स्वतन्त्र विचार के महत्व के साथ-साथ उन लक्ष्यों के प्रति खुद को जोड़ने के महत्व पर भी जोर दिया गया जो समाज को लाभ पहुंचाते हैं। कुल मिलाकर, स्नातकों को बधाई दी जाती है और उनकी भावी सफलता के लिए शुभकामनाएं दी जाती हैं।



## मुख्य अतिथि द्वारा दीक्षांत भाषण के अंश



दीक्षांत समारोह के मुख्य अतिथि प्रो. विजय कुमार सारस्वत, माननीय सदस्य, नेशनल इंस्टीट्यूशन फॉर ट्रांसफॉर्मिंग इंडिया (नीति आयोग) जो दीक्षांत समारोह के लिए उपस्थित नहीं हो सके, ने एक वीडियो रिकॉर्डिंग के माध्यम से स्नातक को संबोधित किया। दीक्षांत समारोह के संबोधन में शिक्षा के महत्व पर जोर दिया गया और यह स्नातकों को विघटनकारी प्रौद्योगिकियों के माध्यम से भारत के परिवर्तन में योगदान करने की शक्ति कैसे देता है। युवाओं पर ध्यान केंद्रित करते हुए, भाषण ने उन्हें परिवर्तनकारी नेताओं, अन्वेषकों और सामाजिक परिवर्तन में योगदान देने के लिए प्रोत्साहित किया। अध्यक्ष ने अंतरिक्ष विज्ञान से लेकर जल सुरक्षा तक विभिन्न मिशनों का सुझाव दिया जो स्नातक कर सकते हैं। मुख्य संदेश यह है कि स्वयं में विश्वास करना, कड़ी मेहनत करना और नैतिकता और नवाचार को अपनाने के दौरान राष्ट्र और समाज पर स्थायी प्रभाव डालना है।

मुख्य अतिथि ने अपने संबोधन में स्नातक छात्रों से समाज में सकारात्मक बदलाव लाने वाले परिवर्तनकारी नेता बनने का आग्रह किया। उन्होंने प्रगति को आगे बढ़ाने में नैतिकता, टीम वर्क और क्षमता निर्माण के महत्व पर जोर दिया। वक्ताओं ने छात्रों को खुद को चुनौती देने, लगातार सीखने और पूरक विषयों की समग्र समझ विकसित करने के लिए प्रोत्साहित किया। उन्होंने व्यक्तिगत और सामूहिक सफलता को साकार करने में विनम्रता, उदारता और निस्वार्थ कार्य के महत्व पर जोर दिया।

स्नातकों को अपने प्रयासों में डिजाइन सोच, नवाचार और रचनात्मकता को अपनाने का आह्वान किया गया, ताकि यह सुनिश्चित किया जा सके कि उनके कार्यों से न केवल उन्हें बल्कि उनके परिवार, संगठन, समाज और पूरे देश को भी लाभ हो।





# 6<sup>th</sup> Convocation

## छठा दीक्षांत समारोह





## Best Ph.D. thesis Awards

In 2018, AcSIR instituted 11 Best Ph.D. Thesis Awards comprising of 3 awards in the Faculty of Biological Sciences, 3 awards in the Faculty of Chemical Sciences, 2 awards in the Faculty of Engineering Sciences, 2 awards in the Faculty of Physical Sciences and 1 award in the Faculty of Mathematical & Information Sciences.

The AcSIR Best Thesis Award 2020 received applications from 141 students, who submitted their theses for consideration for the award. A total of 12 outstanding Ph.D. theses were honored with the award. Following are the winners of the AcSIR Best Ph.D. Thesis Award 2020 are:





Sl. No.	Registration No.	Name	Faculty of Study	Title of Ph.D. Thesis
1	10BB14A03003	Dr. K. Santosh Kumar	Biological Sciences	Mechanism and physiological role of chiral proofreading modules involved in translation of the genetic code
2	10BB15A02015	Dr. Kanika Verma	Biological Sciences	To understand the contribution of cellular chemical milieu in regulation of protein folding
3	10BB17J17001	Dr. Gaurav Das	Biological Sciences	Chemical modulators targeted to mitochondria and microtubule for cancer therapy
4	10CC14A16013	Dr. Parmar Bhavesh Kumar	Chemical Sciences	Structural and functional studies on multidimensional coordination polymeric networks
5	10CC15A04010	Dr. Rekha Sangwan	Chemical Sciences	Synthetic studies on carbohydrate derived biodynamic molecules and their applications toward bioactive glycoconjugates synthesis
6	10CC15A16002	Dr. Chiranjit Sen	Chemical Sciences	Regioselective C–C and C–Heteroatom bond formation via C–H bond functionalization
7	20EE16A32032	Dr. Sushant Sharma	Engineering Sciences	Studies on multiwalled carbon nanotube based high impact resistance multiscale composites
8	20EE15J05010	Dr. Archana Rajendran	Engineering Sciences	Titanium and titanium alloy with multi-element substituted porous titania layer for biomedical application
9	32EE14A06004	Dr. Satyam Srivastava	Engineering Sciences	Design and development of non-destructive sensing based portable system to predict quality parameters of on-tree fruits
10	10PP17J05005	Dr. Shruti Suriyakumar	Physical Sciences	Nanostructured electrodes and electrolytes for lithium sulfur batteries
11	10PP13J28003	Dr. Nilesh Kumar Jaiswara	Physical Sciences	Drainage pattern characterization of Brahmaputra river system in Eastern Himalaya to understand the role of gradation and tectonics in drainage evolution
12	10CC16J32008	Dr. Srishti Jain	Mathematical & Information Sciences	Chemical characterization and source apportionment of aerosols using receptor models at different urban sites of Indo Gangetic Plains (IGP) of India



## सर्वश्रेष्ठ पी.एच.डी. शोध प्रबंध पुरस्कार

वर्ष 2018 में, एसीएसआईआर ने 11 सर्वश्रेष्ठ पीएचडी की स्थापना की। शोध प्रबंध पुरस्कारों में जैविक विज्ञान संकाय में 3 पुरस्कार, रसायन विज्ञान संकाय में 2 पुरस्कार, इंजीनियरिंग विज्ञान संकाय में 3 पुरस्कार, भौतिक विज्ञान संकाय में 2 पुरस्कार और गणितीय एवं सूचना विज्ञान संकाय में 1 पुरस्कार शामिल हैं।

वर्ष 2020 में कुल 141 छात्रों ने एसीएसआईआर सर्वश्रेष्ठ पीएचडी. के पुरस्कार के लिए अपने थीसिस पर विचार हेतु आवेदन किया। कुल 12 उत्कृष्ट पीएचडी. थीसिस को पुरस्कार से सम्मानित किया गया। एसीएसआईआर बेस्ट पीएचडी थीसिस अवार्ड 2020 के विजेता निम्नलिखित हैं





क्र.सं.	पंजीकरण संख्या	नाम	अध्ययन संकाय	शोध प्रबंध पीएच.डी. का शीर्षक
1	10BB14A03003	डॉ .के .संतोष कुमार	जैविक विज्ञान	आनुवंशिक कोड के अनुवाद में शामिल चिरल प्रूफरीडिंग मॉड्यूल की तंत्र और शारीरिक भूमिका
2	10BB15A02015	डॉ कनिका वर्मा	जैविक विज्ञान	प्रोटीन वलन के नियमन में सेलुलर रासायनिक परिवेश के योगदान को समझना
3	10BB17J17001	डॉ गौरव दास	जैविक विज्ञान	कैंसर चिकित्सा के लिए माइटोकॉन्ड्रिया और सूक्ष्मनलिकाएं को लक्षित रासायनिक मॉड्यूलैटर
4	10CC14A16013	डॉ .परमार भावेश कुमार	रासायनिक विज्ञान	बहुआयामी समन्वय बहुलक नेटवर्क पर संरचनात्मक और कार्यात्मक अध्ययन
5	10CC15A04010	डॉ .रेखा सांगवान	रासायनिक विज्ञान	कार्बोहाइड्रेट व्युत्पन्न बायोडायनामिक अणुओं और बायोएक्टिव ग्लाइकोकोन्जुगेट्स संश्लेषण की दिशा में उनके अनुप्रयोगों पर सिंथेटिक अध्ययन
6	10CC15A16002	डॉ .चिरंजीत सेन	रासायनिक विज्ञान	सी-एच बांड क्रियाशीलता के माध्यम से रेजियोसेलेक्टिव सी-सी और सी-हेटरोएटम बांड का निर्माण
7	20EE16A32032	डॉ .सुशांत शर्मा	इंजीनियरिंग विज्ञान	मल्टीवॉल्ट कार्बन नैनोट्यूब आधारित उच्च प्रभाव प्रतिरोध मल्टीस्केल कंपोजिट पर अध्ययन
8	20EE15J05010	डॉ .अर्चना राजेंद्रन	इंजीनियरिंग विज्ञान	बायोमेडिकल अनुप्रयोग के लिए बहु-तत्व प्रतिस्थापित छिद्रपूर्ण टिटानिया परत के साथ टाइटेनियम और टाइटेनियम मिश्र धातु
9	32EE14A06004	डॉ .सत्यम श्रीवास्तव	इंजीनियरिंग विज्ञान	पेड़ पर लगे फलों के गुणवत्ता मापदंडों की भविष्यवाणी करने के लिए गैर-विनाशकारी सेंसिंग आधारित पोर्टेबल प्रणाली का डिजाइन और विकास
10	10PP17J05005	डॉ .श्रुति सूर्यकुमार	भौतिक विज्ञान	लिथियम सल्फर बैटरी के लिए नैनोस्ट्रक्चर्ड इलेक्ट्रोड और इलेक्ट्रोलाइट्स
11	10PP13J28003	डॉ .नीलेश कुमार जैसवारा	भौतिक विज्ञान	जल निकासी विकास में ग्रेडेशन और टेक्टोनिक्स की भूमिका को समझने के लिए पूर्वी हिमालय में ब्रह्मपुत्र नदी प्रणाली का जल निकासी पैटर्न लक्षण वर्णन
12	10CC16J32008	डॉ .सृष्टि जैन	गणितीय एवं सूचना विज्ञान	भारत के इंडो गैंगेटिक मैदानों (आईजीपी) के विभिन्न शहरी स्थलों पर रिसेप्टर मॉडल का उपयोग करके एरोसोल का रासायनिक लक्षण वर्णन और स्रोत विभाजन



## Events

### AcSIR - Celebration of 10th Foundation Day

AcSIR joyously commemorated its momentous 10th Foundation Day on April 03, 2022, marking a decade of excellence in academia and research. The distinguished event was graced by the esteemed presence of Prof. S.K. Brahmachari, the revered Founding Chairman of AcSIR and a distinguished



member of the FNA. Prof. Brahmachari delivered an inspiring address, sharing his profound wisdom and experiences with the enthusiastic audience, comprising students, faculty, and staff of AcSIR.

Adding to the grandeur of the occasion, the Guest of Honour was none other than Prof. Shekhar C. Mande, former Director General, CSIR & Secretary, DSIR. His presence added further depth and significance to the celebrations as he imparted his valuable insights and conveyed a heartfelt message to the entire AcSIR community.



The event was blessed with the gracious presence of Prof. Chandra Shekhar, the esteemed Chairman of the Board of Governors (BoG), AcSIR, as well as the Chancellor of the institution. Prof. Shekhar's distinguished leadership and guidance have played a pivotal role in shaping



AcSIR's journey over the years. Presiding over the function, he bestowed his blessings upon the gathering and emphasized the institution's commitment to nurturing academic brilliance and fostering a culture of research-driven innovation.

The 10th Foundation Day of AcSIR will be etched in the institution's history as a



moment of pride and accomplishment, reflecting the collective efforts and dedication of its stakeholders in creating an environment of learning, collaboration, and advancement. As AcSIR continues to pave the way for future generations of scholars and researchers, this momentous occasion serves as a reminder of its unwavering commitment to excellence in the pursuit of knowledge

## Sir Krishnan's 125th Birth Year Lecture Series



On December 12, 2022, AcSIR (Academy of Scientific and Innovative Research) in collaboration with CSIR-NPL (CSIR-National Physical Laboratory) in Delhi, organized a special lecture series to commemorate the 125th Birth Year of the esteemed Sir K.S. Krishnan, a prominent figure in the field of science.



distinguished

lecture titled "Establishing a Platform for Solution Engineering Redefining Innovation" was delivered by the esteemed Distinguished Professor Suresh K. Bhargava, Academy Professor, AcSIR.



His lecture shed light on the importance of creating robust platforms for solution engineering, redefining the boundaries of innovation, and fostering an environment conducive to transformative advancements.



The event served as a poignant reminder of Sir K.S. Krishnan's remarkable legacy, which continues to inspire and influence generations of researchers, scientists, and innovators.





By organizing this lecture series, AcSIR and CSIR-NPL paid a fitting tribute to the visionary scientist. The lecture series on this significant day not only celebrated the life and achievements of a great scientist but

also provided a platform for exchanging ideas and advancing the frontiers of science in the spirit of Sir K.S. Krishnan's remarkable journey.





## Visit of Prof. Manoj K. Dhar, Director, AcSIR at CSIR-IICT

As a part of the One Week One Lab (OWOL) initiative, Day 5 featured a compelling program on "Outreach-Science Communication & Ethics in Science," which took place on 11th March 2023 at CSIR-IICT (CSIR-Indian Institute of Chemical Technology, Hyderabad). The program aimed to explore and promote effective science communication while highlighting the importance of ethics in scientific pursuits.

The event was graced by the esteemed presence of Prof. Manoj Dhar, who attended as the Chief Guest. Prof. Dhar's made his keynote address, a highly anticipated part of the program. His speech was filled with profound insights, shedding light on the significance of outreach and communication in bridging the gap between the scientific community and the public. Furthermore, he emphasized the ethical responsibilities that scientists bear in their quest for knowledge and progress.

Sri Pallava Bagla, a distinguished Photo-journalist and Former Science Editor at NDTV, graced the event as the Guest of Honor. His extensive experience in science journalism brought a unique perspective to the gathering, as he shared captivating stories and reflections on the role of media in accurately and responsibly disseminating scientific information to the masses.





## The 2<sup>nd</sup> Higher Education Innovation and Technology Summit (2022) held

The 2<sup>nd</sup> Higher Education Innovation and Technology Summit (2022), a prestigious gathering dedicated to fostering innovation and technology in higher education, was held in New Delhi on August 27, 2022. The event witnessed the participation of esteemed dignitaries, including top Vice Chancellors, Deans, Registrars, Training & Placement Officers, and notable luminaries from the Indian higher education sector.

This summit served as a platform to recognize and celebrate the exemplary contributions of academicians and education administrators who have played pivotal roles in advancing the field of higher education in India.

A moment of great pride and honor came when Prof. Rajender Sangwan, a renowned academician and former Director, AcSIR (Academy of Scientific and Innovative Research), received the prestigious title of "Director of the Year 2022." This esteemed accolade was bestowed upon Prof. Sangwan in recognition of his outstanding leadership, vision, and remarkable achievements in the field of education and research.

The award served as a testament to Prof. Sangwan's dedication and commitment to fostering excellence in academia, inspiring countless students and fellow educators along the way. His innovative contributions to research and education have left a lasting impact on the higher education landscape, making him a true inspiration to his peers and the academic community at large.





## आयोजन

### एसीएसआईआर – 10वां स्थापना दिवस समारोह

एसीएसआईआर ने 03 अप्रैल, 2022 को अपना 10वां स्थापना दिवस मनाया। इस कार्यक्रम के मुख्य अतिथि प्रोफेसर एस.के. ब्रह्मचारी, एफएनए के संस्थापक अध्यक्ष, एसीएसआईआर थे, जिन्होंने एसीएसआईआर के छात्रों, संकाय और कर्मचारियों को संबोधित किया। प्रोफेसर शेखर सी. मांडे, पूर्व महानिदेशक, सीएसआईआर और सचिव, डीएसआईआर सम्मानित अतिथि थे और उन्होंने इस अवसर पर अपना संदेश दिया। प्रोफेसर चंद्र शेखर अध्यक्ष, बीओजी, एसीएसआईआर और चांसलर, एसीएसआईआर ने समारोह की अध्यक्षता की।

एसीएसआईआर ने 03 अप्रैल, 2022 को शिक्षा और अनुसंधान में उत्कृष्टता के एक दशक को चिह्नित करते हुए हर्षोल्लास पूर्वक अपना 10वां स्थापना दिवस मनाया। इस विशिष्ट कार्यक्रम में एसीएसआईआर के सम्मानित संस्थापक अध्यक्ष और एफएनए के प्रतिष्ठित सदस्य प्रो. एस.के. ब्रह्मचारी की गरिमामयी उपस्थिति रही। प्रोफेसर ब्रह्मचारी ने एसीएसआईआर के छात्रों, शिक्षकों और कर्मचारियों सहित उत्साही दर्शकों के साथ अपने गहन ज्ञान और अनुभवों को साझा करते हुए एक प्रेरणादायक भाषण दिया।



इस अवसर की भव्यता को बढ़ाते हुए, सम्मानित अतिथि कोई और नहीं बल्कि प्रोफेसर शेखर सी. मांडे, पूर्व महानिदेशक, सीएसआईआर और सचिव, डीएसआईआर थे। उनकी उपस्थिति ने इस समारोह की गरिमा बढ़ा दी क्योंकि उन्होंने अपनी बहुमूल्य अंतर्दृष्टि प्रदान की और पूरे एसीएसआईआर संकाय को एक हार्दिक संदेश दिया।



इस कार्यक्रम में एसीएसआईआर के बोर्ड ऑफ गवर्नर्स (बीओजी) के प्रतिष्ठित अध्यक्ष प्रोफेसर चंद्र शेखर के साथ-साथ संस्थान के कुलाधिपति की गरिमामयी उपस्थिति रही। प्रोफेसर शेखर के विशिष्ट नेतृत्व और मार्गदर्शन ने पिछले कुछ वर्षों में एसीएसआईआर की यात्रा को आकार देने में महत्वपूर्ण भूमिका निभाई है। समारोह की अध्यक्षता करते हुए, उन्होंने सभा को अपना आशीर्वाद दिया और शैक्षणिक प्रतिभा को बढ़ावा देने और अनुसंधान-संचालित नवाचार की संस्कृति को बढ़ावा देने के लिए संस्थान की प्रतिबद्धता पर जोर दिया।

एसीएसआईआर का 10वां स्थापना दिवस संस्थान के इतिहास में गौरव और उपलब्धि के क्षण के रूप में दर्ज किया



जाएगा, जो सीखने, सहयोग और उन्नति का माहौल बनाने में अपने हितधारकों के सामूहिक प्रयासों और समर्पण को दर्शाता है। चूंकि एसीएसआईआर विद्वानों और शोधकर्ताओं की भावी पीढ़ियों के लिए मार्ग प्रशस्त कर रहा है, यह महत्वपूर्ण अवसर ज्ञान की खोज में उत्कृष्टता के प्रति इसकी अटूट प्रतिबद्धता की याद दिलाता है।

एसीएसआईआर का 10वां स्थापना दिवस संस्थान के इतिहास में गौरव और उपलब्धि के क्षण के रूप में दर्ज



किया जाएगा, जो सीखने, सहयोग और उन्नति का माहौल बनाने में अपने हितधारकों के सामूहिक प्रयासों और समर्पण को दर्शाता है। चूंकि एसीएसआईआर विद्वानों और शोधकर्ताओं की भावी पीढ़ियों के लिए मार्ग प्रशस्त कर रहा है, यह महत्वपूर्ण अवसर ज्ञान की खोज में उत्कृष्टता के प्रति इसकी अटूट प्रतिबद्धता की याद दिलाता है।

### सर कृष्णन की 125वीं जन्म वर्ष व्याख्यान शृंखला



12 दिसंबर, 2022 को, एसीएसआईआर (वैज्ञानिक और नवीकृत अनुसंधान अकादमी) ने दिल्ली में सीएसआईआर-एनपीएल (सीएसआईआर-राष्ट्रीय भौतिक प्रयोगशाला) के सहयोग से एक विशेष व्याख्यान शृंखला आयोजित की जिससे उपक्रमित वैज्ञानिक सर के.एस. कृष्णन के 125वें जन्म वर्ष की स्मृति में उनका सम्मान किया गया, जो विज्ञान के क्षेत्र में प्रमुख व्यक्ति थे।



व्याख्यान शृंखला का उद्देश्य सर के.एस. कृष्णन की विरासत का सम्मान करना और विज्ञान और नवाचार की दुनिया में उनके उल्लेखनीय योगदान का जश्न मनाना है। इस शुभ अवसर पर, एसीएसआईआर के अकादमी प्रोफेसर, प्रतिष्ठित प्रोफेसर सुरेश के. भार्गव द्वारा "समाधान इंजीनियरिंग को फिर से परिभाषित करने के लिए एक मंच की स्थापना" शीर्षक से एक विशिष्ट व्याख्यान दिया गया।



उनके व्याख्यान ने समाधान इंजीनियरिंग के लिए मजबूत मंच बनाने, नवाचार की सीमाओं को फिर से परिभाषित करने और परिवर्तनकारी प्रगति के लिए अनुकूल वातावरण को बढ़ावा देने के महत्व पर प्रकाश डाला।



यह आयोजन सर के.एस. कृष्णन की उल्लेखनीय विरासत की मार्मिक याद दिलाता है, जो शोधकर्ताओं, वैज्ञानिकों और नवप्रवर्तकों की पीढ़ियों को प्रेरित और प्रभावित करता रहता है।





इस व्याख्यान श्रृंखला का आयोजन करके, एसीएसआईआर और सीएसआईआर-एनपीएल ने दूरदर्शी वैज्ञानिक को एक उचित श्रद्धांजलि अर्पित की। इस महत्वपूर्ण दिन पर व्याख्यान श्रृंखला ने न केवल एक महान वैज्ञानिक के

जीवन और उपलब्धियों का जश्न मनाया, बल्कि विचारों के आदान-प्रदान और सर के.एस. कृष्णन की उल्लेखनीय यात्रा की भावना में विज्ञान की सीमाओं को आगे बढ़ाने के लिए एक मंच भी प्रदान किया।





## सीएसआईआर-आईआईसीटी में

### एसीएसआईआर के निदेशक प्रो. मनोज के. धर का दौरा

वन वीक वन लैब (ओ डब्ल्यू ओ एल) पहल के एक हिस्से के रूप में, पांचवें दिन सीएसआईआर-आईआईसीटी (सीएसआईआर-इंडियन इंस्टीट्यूट ऑफ केमिकल टेक्नोलॉजी, हैदराबाद) में 11 मार्च 2023 को विज्ञान में पहुंच-विज्ञान संचार और नैतिकता पर एक सम्मोहक कार्यक्रम प्रस्तुत किया गया। इस कार्यक्रम का उद्देश्य वैज्ञानिक कार्यों में नैतिकता के महत्व को रेखांकित करते हुए प्रभावी विज्ञान संचार का पता लगाना और बढ़ावा देना है।

कार्यक्रम में मुख्य अतिथि प्रोफेसर मनोज धर ने शिरकत की। प्रो. धर ने कार्यक्रम के एक अति प्रत्याशित भाग के रूप में अपना मुख्य भाषण दिया। उनका भाषण गहन अंतर्दृष्टि से भरा था, जो वैज्ञानिक समुदाय और जनता के बीच अंतर को पाटने में पहुंच और संचार के महत्व पर प्रकाश डालते थे। इसके अलावा, उन्होंने उन नैतिक जिम्मेदारियों पर जोर दिया जो वैज्ञानिक ज्ञान और प्रगति की अपनी खोज में महत्व रखते हैं।

इस अवसर पर एनडीटीवी के पूर्व विज्ञान संपादक और फोटो पत्रकार श्री पल्लव बागला भी उपस्थित थे। विज्ञान पत्रकारिता में उनके व्यापक अनुभव ने उपस्थित लोगों के लिए एक अनूठा परिप्रेक्ष्य प्रस्तुत किया, क्योंकि उन्होंने सटीक और जिम्मेदारी के साथ जनता को वैज्ञानिक जानकारी का प्रसार करने में मीडिया की भूमिका पर आधारित कहानियाँ और प्रतिबिंबों को साझा किया।





## दूसरा उच्च शिक्षा नवाचार और प्रौद्योगिकी शिखर सम्मेलन (2022) का आयोजन

दूसरा उच्च शिक्षा नवाचार और प्रौद्योगिकी शिखर सम्मेलन (2022), उच्च शिक्षा में नवाचार और प्रौद्योगिकी को बढ़ावा देने के लिए समर्पित एक प्रतिष्ठित सभा, 27 अगस्त, 2022 को नई दिल्ली में आयोजित की गई। इस महत्वपूर्ण आयोजन में श्रेष्ठ वाइस चांसलर, डीन, रजिस्ट्रार, प्रशिक्षण और स्थाननीय पदाधिकारी, और भारतीय उच्च शिक्षा क्षेत्र के प्रसिद्ध व्यक्तित्व शामिल हुए।

इस सम्मेलन ने एक ऐसे मंच के रूप में कार्य किया जिसका उद्देश्य था उन शिक्षाविदों और शिक्षा प्रशासकों की प्रशंसा और सम्मान करना जिन्होंने भारत में उच्च शिक्षा के क्षेत्र को आगे बढ़ाने में महत्वपूर्ण भूमिकाएं निभाई हैं।

बहुत गर्व और सम्मान का क्षण तब आया जब प्रसिद्ध शिक्षाविद् और एसीएसआईआर (वैज्ञानिक और नवीकृत अनुसंधान अकादमी) के पूर्व निदेशक प्रो. राजेंद्र सांगवान को "वर्ष 2022 के निदेशक" की प्रतिष्ठित उपाधि मिली। यह प्रतिष्ठित सम्मान प्रोफेसर सांगवान को शिक्षा और अनुसंधान के क्षेत्र में उनके उत्कृष्ट नेतृत्व, दूरदर्शिता और उल्लेखनीय उपलब्धियों के लिए प्रदान किया गया।

यह पुरस्कार अकादमिक क्षेत्र में उत्कृष्टता को बढ़ावा देने और अनगिनत छात्रों और साथी शिक्षकों को प्रेरित करने के लिए प्रोफेसर सांगवान के समर्पण और प्रतिबद्धता का प्रमाण है। अनुसंधान और शिक्षा में उनके अभिनव योगदान ने उच्च शिक्षा परिदृश्य पर एक स्थायी प्रभाव छोड़ा है, जिससे वह अपने साथियों और बड़े पैमाने पर अकादमिक समुदाय के लिए एक सच्ची प्रेरणा बन गए हैं।





# Awards & Achievements

## Academic Centre: CSIR-CDRI

### Akanksha Vyas

Enrollment No. 10BB16A04002

Supervisor Name: Dr. Monika Sachdev



Won 1st prize in a Poster presentation entitled: 'Cancer Germ Line Antigens (CGAs): Ecat-1 & SAS1B Explored for Early Detection of Cervical Cancer'. 2nd International Precision Medicine Symposium organized by Centre of

Precision Medicine and Healthcare and Centre for Advanced Research, KGMU, Lucknow.

Awarded Best AWSAR story 2022, organized by DST & VigyanPrasar, entitled 'An Oocyte Protein Can be a Magical Molecule to Detect Cervical Cancer'. (Result declared in Feb 2023)

### Akancha Mishra

Enrollment No. 10BB17A04002

Supervisor: Dr.Satish Mishra



Won the Best Poster Presentation Award at the 45<sup>th</sup> All India Cell Biology Conference, International Symposium on Biology of Development and

Disease, BHU, Varanasi

### Rajnikant Mishra

Enrollment No.

10BB20J04042

Supervisor: Dr.Monika Sachdev

Won 3rd prize in Poster presentation in the One Day Symposium on "Preclinical Animal Models and Available Alternatives" at Central Drug Research Institute, Lucknow

Poster Title-"Restoration of dysfunctional testes through mesenchymal stem cells"



### Raksha Devi

Enrollment No. 10BB20J04016

Supervisor: Dr.Satish Mishra

Won Certificate of Participation for delivering a Poster Presentation at 45<sup>th</sup> All India Cell Biology Conference, International Symposium on

Biology of Development and Disease, BHU, Varanasi



### Sandhya Prajapati

Enrollment No. 10BB21A04027

Supervisor: Dr.D. K. Mishra

Won Certificate of Participation at International conference on "Emerging Trends in Plants and Environmental Sciences" 2023, organized by

Department of Botany, University of Rajasthan, Jaipur.





### Plabita Paul

Enrollment No. 10BB21A04007

Supervisor: Dr.Satish Mishra

Won Certificate of Participation for delivering a Poster Presentation at 45<sup>th</sup> All India Cell Biology Conference, International Symposium on Biology of Development and Disease, BHU, Varanasi

Won Best Oral Presentation Award at the 2<sup>nd</sup> International conference on integrativ

### Academic Centre: CSIR-CECRI

#### Shruti Suriya Kumar



Enrollment No. 10PP17J05005

Supervisor: Dr.A. Manuel Stephan

Received the AcSIR Best thesis Award in Physical Sciences.

#### Archana Rajendran



Enrollment No. 20EE15J05010

Supervisor: Dr.Deepak Kumar Pattanayak

Received theAcSIR Best thesis Award in Engineering Sciences.

#### Sornambigai M

Enrollment No. 10CC18A05009

Supervisor: Dr.S. Senthil Kumar

Won the Best Poster Presentation Award at the Twenty-Second National Convention of



Electrochemists (NCE-2022) organized by PSG College of Technology, Coimbatore. Won the Young Researcher Award for Poster Presentation from

Indian Society for Electroanalytical Chemistry (EIHE-2023) at BARC, Mumbai

#### Sampath kumar P



EnrollmentNo. 10PP20A05003

Supervisor: Dr.C. Suresh

Won the Best Poster

Chemistry, Biology & translational medicine, University of Delhi, New Delhi

#### Himadri Shukla

Enrollment No. 10BB22A04058

Supervisor: Dr.Satish Mishra

Won Certificate of Participation for delivering a Poster Presentation at 45<sup>th</sup> All India Cell Biology Conference, International Symposium on Biology of Development and Disease, BHU, Varanasi.

Presentation Award at the Twenty-Second National Convention of Electrochemists (NCE-2022) organized by PSG College of Technology, Coimbatore.

#### Anadebe Valentine Chikaodili



Enrollment No. 10CC21J05004

Supervisor: Dr.Rakesh C. Barik

Won the Best Paper Award at the Twenty-Second National Convention of Electrochemists (NCE-2022) organized by PSG College of Technology, Coimbatore.

#### Soundarya Mary A



Enrollment No. 10CC19J05002

Supervisor: Dr.A. Pandikumar

Won the Best Poster Presentation Award in 29<sup>th</sup> – CRSI National Symposium in Chemistry & CRSI-ACS

Symposium in Chemistry held at IISER, Mohali



### **Gokulnath S**



Enrollment No. 10CC21A05017  
Supervisor Name: Dr.M. Sathish  
Selected for Prime Minister's Fellowship for Doctoral Research with Indian Oil Corporation Limited Research and Development as Industry partner.

---

### **Murugasenapathi N K**



Enrollment No. 10PP20A05004  
Supervisor: Dr. P. Tamilarasan  
Academic Centre: CSIR-CECRI

Received Best Poster award in 9<sup>th</sup> International Conference on Perspectives in Vibrational Spectroscopy (ICOPVS – 2022), Indore. Won third prize in National Science day Poster Presentation Competition & Science Photography Competition at CSIR-CECRI

---

### **Jesica Anjeline C**

Enrollment No. 10CC21A05006



Supervisor: Dr. N. Lakshminarasimhan  
Won the Best Poster Award in the International Union of Materials Research Societies – International Conference in Asia (IUMRS-ICA) held at Jodhpur.

---

### **Shilpa U**



Enrollment No. 20EE22J05005  
Supervisor Name: Dr.A. S. Prakash  
Selected for Prime Minister's Fellowship for Doctoral Research with Amara Raja Batteries Pvt Ltd. as Industry partner

---

### **Nasrin Kabeer**



Enrollment No. 10CC19A05008,  
Supervisor: Dr. M. Sathish  
Selected by DST to attend the 14th HOPE Nobel Laureate meeting organized by JSPS, Japan from 27/02/2023 to 03/02/2023 (9 students selected by DST to represent India)

---

### **Ammu Surendran**



Enrollment No. 10CC18A05001,  
Supervisor: Dr.AiswaryaBhaskar  
Deputed to France to avail Raman-Charpak Fellowship from 01.03.2023 to 31.08.2023

---

### **Pandey Gaurav Rajkumar**



Enrollment No. 10BB20A05002  
Supervisor: Dr.V. Murugan  
Won the First Prize (Theme: Lab-on-a-chip) in the International Conference on "Innovations in Medical Technologies" organized by Dhanalakshmi Srinivasan University, Tiruchirappalli.

---

### **Venkatesan K**



Enrollment No. 20EE22J05004  
Supervisor: Dr.Deepak Kumar Pattanayak  
Won the Second Prize (Theme:3D Printing) in the International Conference on "Innovations in Medical Technologies" organized by DhanalakshmiSrinivasan University, Tiruchirappalli.

---

### **Sriraja Subhasri P**



Enrollment No. 10CC23J05025  
Supervisor: Dr.M. Pandiaraj  
Won the Third Prize (Theme: Point-of-care Diagnostics) in the International Conference on "Innovations in Medical Technologies" organized by DhanalakshmiSrinivasan University, Tiruchirappalli.



### **Bebin A**



Enrollment No. 10CC19A05010,  
Supervisor: Dr.M. Kathiresan  
Received the Best Oral  
Presentation Award at the  
International Conference  
organized by Alagappa  
University, Karaikudi.

---

### **Kowsalya M**



Enrollment No. 10CC19A05009,  
Supervisor: Dr.AiswaryaBhaskar  
Received the Best Poster  
Presentation Award at the  
International Conference  
organized by Alagappa  
University, Karaikudi

---

### **Soundarya Mary A**

Enrollment No. 10CC19J05002  
Supervisor: Dr.A. Pandikumar  
Won the Best Poster Presentation Award in  
the International Conference on  
Nanoscience and Nanotechnology  
organized by SRM University, Chennai

---

### **Ardra S Darsan**



Enrollment No. 10PP21A05006  
Supervisor: Dr. P. Murugan  
Co-Supervisor: Dr.A.  
Pandikumar  
Won the Best Poster  
Presentation Award in the  
International Conference on Nanoscience  
and Nanotechnology organized by SRM  
University, Chennai

---

### **AmuthanDekshinamoorthy**



Enrollment No. 20EE19A05014  
Supervisor: Dr.V. Saranyan  
Academic Centre: CSIR-CECRI  
Presented a Poster in the 8th International  
conference on Spin-polarized Scanning  
Tunneling Microscopy / Nano scale  
Magnetic Imaging (SPSTM8/NMI-1)  
organized by The Ohio state university, USA

---

### **Academic centre: CSIR-CEERI**

#### **Seema Choudhary**

Enrollment No. 20EE21J06014  
Supervisor Name: Dr. Ravi Saini



Participated in Sakura  
Science Program from 1,  
September, 2022 to 16,  
September 2022 at  
Nagasaki University,  
Japan. The participation  
certificate was handed  
over by Prof. Ryuei NISHII,  
Dean, School of  
Information and Data Sciences, Nagasaki  
University.

---

#### **Aswathy J**

Enrollment No. 32EE18A06014  
Supervisor Name: Dr. P.C. Panchariya



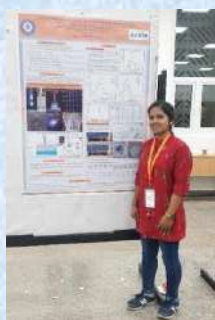
Participated in Sakura  
Science Program from 1,  
September, 2022 to 16,  
September 2022 at  
Nagasaki University,  
Japan. The participation  
certificate was handed  
over by Prof. Ryuei NISHII,



Dean, School of Information and Data Sciences, Nagasaki University.

Selection by DAAD (German Academic Exchange Service) for Bi-nationally supervised Doctoral degree 2023/2024 Research Grants. The award letter was handed over by Dr. Philipp Ackermann, The Ambassador of Germany to India.

### Priti Pal



Enrollment No. 20EE21A06004  
Supervisor Name: Dr. Shivendra Maurya  
Poster Presented on "Analysis of Cold Atmospheric Pressure Plasma Source based Plasma Activated Water for Agriculture

Application" in 37th PSSI National Symposium on Plasma Science and Technology, 2022 (PLASMA-2022) Conference on 12-14 December 2022 at IIT Jodhpur.

Presented a paper titled "Analysis of Non-Thermal Atmospheric Pressure Plasma Source based Plasma Activated Water for Agriculture Application" in National Conference on Emerging Trends in Vacuum Electronic Devices & Applications (VEDA 2022) on 19-21 January 2023 at Product Development & Innovation Centre, Bharat Electronics Limited (PDIC BEL) Bengaluru.

Won 1st Prize winning entry in Hindi Debate, Ashubhasan and Nibandh Competition, 2022. (Extracurricular activity conducted by Hindi Section at CSIR-CEERI)

### Rama Kant Sharma



Enrollment No. 20EE20J06002  
Supervisor Name: Dr. Mahanth Prasad

A patent has been filed with the generated Indian patent no. 202311007989

(Title : Micromachining of glass substrate using wet etching technique for MEMS acoustic sensor)

### Mohd Farman



Enrollment No. 32EE19A06010  
Supervisor Name: Dr. T Eshwar  
A patent has been filed with the generated Indian patent no. 202211076052

(Title : Flexible and linear capacitive tactile sensor matrix and fabrication method thereof)

### Diksha Shekhawat



Enrollment No. 20EE22J06003  
Supervisor: Yet to be Allotted  
Presented a paper titled "PHAc: Posit Hardware Accelerator for Efficient Arithmetic Logic Operations"

in Next Generation Arithmetic-2023 (CoNGA'23) Conference on 1<sup>st</sup> – 2<sup>nd</sup> March 2023 at Tampines, Singapore.

### Iyer Maitri Shivkumar



Enrollment No. 32EE22A06005  
Supervisor: Yet to be Allotted  
Won 1st Prize winning entry in Navrang Competition, 2023. (Extracurricular activity conducted by Staff Club at CSIR-CEERI)

### Dr. Anuroop Bajpai



[Alumnus; PhD Awarded]  
Enrollment No. 20EE17A06004  
Supervisor: Dr. Deepak Bansal  
Co-Supervisor: Dr. Kamaljit Rangra

Won 2<sup>nd</sup> prize in ISSS PhD Award 2022. (PhD Thesis Title : High Isolation Large Bandwidth SPDT RF MEMS Switch)



## Academic Centre: CSIR-CIMAP

### Nikky Deepa



Enrollment No. 10BB20A10029,  
Supervisor: Dr. Akanksha Singh  
Awarded best poster award  
at International conference  
on "Environmental  
Sustainability and  
Biotechnology Opportunities and  
challenges" in November 2022

### Pooja Gaur



Enrollment No. 10CC17J10004,  
Supervisor: Dr. Karuna Shanker  
Award the CCRAS-Post  
Doctoral Fellowship (Award No.  
HQ-ESTT012/60/2022-ESTT/6783)  
under the mentorship of Dr. Ch.V. Rao,  
Head, Chief Scientist, Pharmacology  
Department-NBRI, Lucknow

Project Title: "Evaluating the interactive  
effect of Kalmegh and Piper nigrum on high  
fat diet-induced fatty liver and its  
diagnostic biochemical markers", 2023.

### Prashant Kumar



Enrollment No. 10CC20A10001  
Supervisor: Dr. Prasanta K Rout  
Has been selected in AcSIR-  
RMIT Joint PhD 2022 Program

### Sumati Sen



Enrollment No. 10BB21A10019  
Supervisor: Dr. DU Bawankule  
Best Poster Presentation  
award on 'Insulin resistance  
reversible potential of  
selected phytosteroidskeletal muscle  
cell: A Preliminary Study' International  
Bioresource Conclave &  
Ethnopharmacology Congress Organised  
by Society for Ethnopharmacology,  
Imphal-Manipur, India

## Academic Centre: CSIR-CMERI

### Sahadeb Shit



Enrollment No. 20EE18A12004,  
Supervisor: Dr. Dip Narayan Ray  
Academic Centre: CSIR-CMERI  
Got the Best Paper Award from  
3<sup>rd</sup> IEEE International  
Conference on Artificial

Intelligence and Signal Processing (AISP'23)  
conducted on 18th -20th March  
2023, Organized by the School of  
Electronics Engineering, VIT-AP University,  
India.

### Samya Neogi



Enrollment No. 10CC18A12012  
Supervisor Name: Dr. Ranajit  
Ghosh,  
Got the SRM-ICONN 2023 Best  
Oral Presentation Award in  
the 7<sup>th</sup> International

Conference on Nanoscience and  
Nanotechnology, 2023 (ICONN - 2023)  
conducted by SRM Institute of Science and  
Technology, Chengalpattu-603203, Tamil  
Nadu, India in March 2023.

### Arijit Kumar Sarkar



Enrollment No. 20EE22J12010  
Supervisor Name: Dr. Suman  
Saha & Dr. Md. Afroz Akhtar,  
Got 1<sup>st</sup> Prize in Literary  
Contribution for the Souvenir  
of SSBTM Football Final 2023.

### Surya Sarkar

Enrollment No. 10CC20A12005  
Supervisor Name: Dr. Priyabrata Banerjee,  
Got the 2nd Prize in souvenir competition  
for 51 Shanti Swarup Bhatnagar Memorial  
Tournament, 2023.

### Riyanka Das



Enrollment No. 10CC18A12014  
Supervisor Name: Dr. Priyabrata  
Banerjee  
Co-Supervisor Name: Dr. Naresh  
Chandra Murmu

Secured 2nd rank in poster competition in  
2nd International Conference on  
Convergence of Interdisciplinary Science,  
Dated 25-26th February-2023.



### Anirban Changdar



Enrollment No. 20EE20J12001  
Supervisor Name: Dr. S S Chakraborty.  
Got the Best Story Award in PhD Category from AWSAR- DST on February 2023.

### Academic Centre: CSIR-CSIO

### Apurva Sharma



Enrollment No. 20EE20A15010  
Supervisor Name: Dr. Neerja Garg  
Got the Best paper Award in IEEE International Conference on "Intelligent Computing, Instrumentation and Control Technologies, ICICICT 2022  
Won Best story award in AWSAR Competition, 2022

### Kaushlesh Singh Shakya



Enrollment No. 20EE19A15015  
Supervisor Name: Dr.Amit Laddi  
Won Best Oral Presentation award in 42nd ISPPD Conference, Bhubaneswar, 2022

### Academic Centre: CSIR-CSMCRJ Jyotiranjana Mishra

Enrollment No. 10CC20J16016  
Supervisor Name: Dr.P.S. Subramanian  
Co-supervisor Name: Dr. Sanjay Pratihara

Got the Best Poster Award from FCASI-2023, Jaipur (Rajasthan University) conducted in 20-21 April 2023.



### Riya Ghosh

Enrollment No. 10CC20A16009  
Supervisor Name: Dr.Pabitra B. Chatterjee  
Secured Second Position in Poster Presentation of Her Research Work in AMSCO-2023 AMSCO-2023 conducted in March 2023

### Kinjal B. Patel



Enrollment No. 10CC20A16026  
Supervisor Name: Dr.Divesh N. Srivastava

Got the Best Poster presentation award ICWES-Bangalore conducted in April 2023.

### Sunil Luhar



Enrollment No. 10CC19A1605  
Supervisor: Dr.Divesh N. Srivastava  
Best Poster Awards Young Scientist Award at India International Science festival 2022 on January 22-24, 2023  
Won 3rd rank in poster competition in 2nd International Conference on Convergence of Interdisciplinary Science February 2023

### Jindani Sana Imtiazbhai



Enrollment No. 10CC19A16008  
Supervisor Name: Dr.B Ganguly.

Received Fulbright-Nehru Doctoral Research Fellowship (FNDR 2023-24). Registered as a Joint AcSIR-RMIT PhD program.



### Snehasish Debnath



Enrollment No. 10CC18A16010  
Supervisor Name: Dr. Pabitra B. Chatterjee.

Got second prize in Saransh-2022 (Thesis competition), conducted by INYAS.

Received Best Male Researcher Award (2023) of CSIR-CSMCRI, Bhavnagar.

Received SERB (Science and Engineering Research Board, International travel Scheme) Travel Grant Award, 2023.

### Dhruvilkumar Shashikant Chavda



Enrollment No. 10BB21A16002

Supervisor Name: Dr. Moutusi Manna

Won the ACS OMEGA Best-Poster Award at the National Conference on Recent Advances in Chemical Sciences (RACS-2023), organized by Dr. H S Gour Vishwavidyalaya (Central University), Sagar, Madhya Pradesh.

### Tapan Maithi



Enrollment No. 10CC20J16009

Supervisor Name: Dr. Kamalash Prasad

Received Second Prize in Best Poster category in 4th India International Seaweed Expo & Summit -Ahmedabad, Jan-17-18, 2023

### Krupali Vyas



Enrollment No. 10BB20A16010

Supervisor Name: Dr. Aneesh Singh

Got the first prize in poster presentation at 4th India International Seaweed Expo and Summit

2023.AMSCO-2023 conducted in March 2023

### Jitendra Panchiwala



Enrollment No. 20EE21J16002

Supervisor Name: Dr. Bhoomi Andharia

Paper present in VII International Conference on "Sustainable Energy and Environmental Challenges" (VII SEEC) 16th to 18 December 2022

### Prabhakar M

Enrollment No. 10CC22J16001

Supervisor Name: Dr. Saravanan S

Received Best Oral Presentation Award in the International Conference on Current Trends in Medicinal Chemistry held on 24-25 January 2023, jointly organized by the Department of Physiology, Saveetha Dental College and Hospital (SMITS), Chennai and ACT, Mumbai

### Ajijur Rahaman

Enrollment No. 10CC19J16007

Supervisor Name: Dr. Sukalyan Bhadra

Delivered an oral presentation in 8th All Gujarat Research Scholar's Meet (AGRSM-VIII) on 26th February 2023 of Baroda organized by Indian Chemical Society, Vadodra chapter and Dept. of Chemistry MS University.

Delivered a poster presentation in 30th CRSI National Symposium in Chemistry and 16th CRSI-RSC Joint Symposium Series in Chemistry during Feb 02-05, 2023, organized by Jawaharlal Nehru University

### Anupam Kumar Singh



Enrollment No. 10CC20J16007

Supervisor Name: Dr. Sukalyan Bhadra

First prize for an oral presentation in 8th All Gujarat Research Scholar's Meet (AGRSM-VIII) on 26th



February 2023 of Baroda organized by Indian Chemical Society, Vadodara chapter and Dept. of Chemistry MS University.

Delivered a poster presentation in 59th Annual Convention of Chemists "Recent Trends in Chemical Sciences 2022" organized by Department of Chemistry & Chemical Biology, IIT(ISM) Dhanbad, in December 2022, under the aegis of Indian Chemical Society, Kolkata, India.

---

### **Rupali D. Shinde**



Enrollment No. 10CC21A16006  
Supervisor Name: Dr. Sukalyan Bhadra

First prize for a poster presentation in 8th All Gujarat Research Scholar's Meet (AGRSM-VIII) on 26th February 2023 of Baroda organized by Indian Chemical Society, Vadodara chapter and Dept. of Chemistry MS University.

---

### **Dr Aniket Gupta**

Enrollment No. 10CC18A16007  
Supervisor Name: Dr. Sukalyan Bhadra

Awarded with a Postdoctoral Fellowship from the School of Chemistry, University of Birmingham, UK.

Awarded with a scholarship to attend Summer School Solvation Science at Bochum, Germany during June 7-10, 2022.

---

## **Academic Centre: CSIR-IHBT**

### **Abhisha Roy**



Enrollment No. 10BB21A33001  
Supervisor Name: Dr. Vipin Hallan  
Presented the Young Researchers Award by InSc (Institute of Scholars) in June 2022.

---

### **Apoorva Prasad**



Enrollment No. 10BB22J33027  
Supervisor Name: Dr. Arun Kumar

Got the Best Poster Award at International Conference on Food and Nutritional Security (IFANS) held from 6<sup>th</sup> – 9<sup>th</sup>

January 2023 at National Agri-Food Biotechnology Institute (NABI), Mohali, Punjab, India

---

### **Anil Kumar**

Enrollment No. 10BB18J33001

Supervisor Name: Dr. Rakshak Kumar

Won 1st prize in the poster presentation under the theme 'Biodiversity and Adaptations' at the "International conference on Mountain Ecosystem: Biodiversity and Adaptations under Climate Change scenario" organized by Graphic Era Deemed to be University, Dehradun under the auspices of International Centre for Integrated Mountain Development (ICIMOD), Nepal in March 2023.

---

### **Sareeka Kumari**

Enrollment No. 10BB21J33033

Supervisor Name: Dr. Rakshak Kumar

Won 1st prize in the poster presentation under the theme Ecosystem Restoration and Nature Based Solution' at the "International conference on Mountain Ecosystem: Biodiversity and Adaptations under Climate Change scenario" organized by Graphic Era Deemed to be University, Dehradun under the auspices of International Centre for Integrated Mountain Development (ICIMOD), Nepal in March 2023.

---



## Academic Centre: CSIR-IICT

### Poonam Kumari



Enrollment No.10BB21A18011

Supervisor: Dr. S. Venkata Mohan

Won Best Poster Presentation Award organized by IIT-Guwahati & Biotech Research Society Jointly (07-11 December, 2022)

### Vavilala Hariprasad



Enrollment No.10BB22A18009

Supervisor: Dr. M. Srinivasa Rao

Won Second Prize in the Turbo-Talk Oral Presentation

Title: Weather Integrated Malaria Predication System using Bayesian structural time series model for Northeast State of India in the 2<sup>nd</sup> International Conference of the Society of Vector Ecology, organized by ICMR-Vector Control Research Centre (13-16 March 2023)

### J. Santhosh



Enrollment No.10CC21A18013

Supervisor: Dr. S. Venkata Mohan

Awarded as Winner in the "International Workshop on Creating Profound Impact through

Multidisciplinary Collaboration Organized by Membrane Separation Laboratory (28-29 November, 2022)

### Nagendra Narendra Kumar



Enrollment No.10CC21J18021

Supervisor: Dr. Mohana Krishna Reddy. M

Awarded Best Oral Presentation (Contributed Papers) Indian Society of analytical Scientists (23-25 March, 2023)

### Jayadev Nayak



Enrollment No.10CC19A18018

Supervisor Name: Dr. Rohit Kumar Rana

Awarded Prof. Sripati Pani Memorial Award at Utkal University Orissa (18-19 December 2022)

### Jupally Prashanth



Enrollment No.10CC22J18008

Supervisor: Dr. B. Sridhar

Awarded as Best Oral Presentation in 2<sup>nd</sup> International Conference on "Current Advances in Pharmaceutical Industry and Development Organized by Centre for Pharmaceutical Science (16-17 March, 2023)

### Sujitha Matta



Enrollment No.10CC19J18022

Supervisor: Dr. Mohana Krishna Reddy. M

Won Best Poster Award: Indian Society of Analytical Scientists (23-25 March, 2023)

### Javvadi Yamini



Enrollment No.10BB22J18004

Supervisor : Dr. S. Venkata Mohan

For best oral presentation in the theme entitled "Environmental Biotechnology" at International Conference on Recent Advances in Biotechnology (icRAB -2022) (02-04 December, 2022)



### Seetha Bala Subramanyam



Enrolment No.  
10CC18A18012  
Supervisor: of Dr. Mohana  
Krishna Reddy Mudiam,  
Won Best Poster Award:  
Indian Society of Analytical  
Scientists (23-25 March, 2023)

### Olivia Dhara



Enrolment No. 20EE21J18003  
Supervisor: Dr. Pradosh P. Chakrabarti  
J R Agro Innovation Award during  
the International Conference on Rice Bran  
Oil organized by The Solvent Extractors'  
Association of India and International  
Association of Rice Bran Oil

### Rama Satyasri Kotipalli



Enrolment No. 10BB21A18007

Supervisor: Dr. Muralidharan K received  
the best oral presentation  
award on "Innovative approach of WJ-  
MSC therapy for hyperandrogenised  
C57BL6 mouse model of PCOS"

(ICMR-NARFBR), Hyderabad on April 24,  
2023.

### Academic Centre: CSIR-IMMT

### Subham Mahapatra



Enrolment No. 10BB22J36001  
Supervisor Name: Dr. Trupti Das

National Women's Day Celebration at  
CSIR-IMMT, Dt-13 February, 2023

Won Second prize in Elocution Competition  
on "Incredible Women in STEM". Receiving  
award from Dr. Sridevi Jade, Head CSIR-4PI,  
Bengaluru.

International Women's Day Celebration at  
CSIR-IMMT, dated- 3<sup>rd</sup> March, 2023

Won First in Art Competition, Receiving  
award from Ms. Madhumita Mohanty, XIMB  
Alumnus, Visiting Prof. IIM Amritsar.

International Women's Day Celebration at  
CSIR-IMMT, dated- 3<sup>rd</sup> March, 2023

Consolation in Elocution Competition,  
Receiving award from Prof Mira Das, Dept  
of Chemistry, Siksha O Anusandhan, BBSR.

### Shradha Suman



Enrolment No. 10PP21J36001  
Supervisor Name: Dr. K. J.  
Sankaran.

Received the best oral presentation award  
in 10th National Conference on  
Nanoscience and Instrumentation  
Technology (NCNIT-2022) held during July  
09 -10, 2022.



Won Best Poster Presentation Award at One day national conference on "Recent Advancements in Iron & Steel Industries and Emerging Areas" – organized jointly by CSIR-IMMT and IIM, Bhubaneswar- 24<sup>th</sup> February, 2023 – Poster Presentation- titled "Nanostructured Boron Doped Diamond for Electrochemical Supercapacitors"

Won Best Paper Award on International conference on "Advancements in Materials Science and Technology- iCAM-2022" - organized by Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu-2<sup>nd</sup>-4<sup>th</sup> Nov 2022

#### Rashmi Rekha Samal



Enrolment No. 10BB18J36006  
Supervisor Name: Dr. Umakanta Subudhi.

Got Best Presenter Award at 43<sup>rd</sup> Annual Conference of Indian Association of Biomedical Scientists (IABMS) & International Conference On An Integrative Approach Towards Health Protection And Health Promotion conduct on 19<sup>th</sup>-21<sup>st</sup> December 2022.

#### Monalin Mishra



Enrolment No. 10CC22A36009  
Supervisor Name: Dr. Trupti Das.

Presented an Oral presentation on the paper titled "Seasonal health risk assessment and prediction of PM<sub>2.5</sub> concentrations in a city, Bhubaneswar, with a gender bias in exposure after wearing masks" at the international conference on "Air quality and human health" at Visva-Bharati University, Shantiniketan, West Bengal, India from 22-24 September, 2022.

Attended One Day workshop on Atmospheric Research using Radar jointly organised by URSI, inRaSS and IIT Indore on 1<sup>st</sup> December 2022 and held at IIT Indore  
Won 3<sup>rd</sup> Prize in the Art Competition held to commemorate International Women's Day 2023 during 1<sup>st</sup> week of March at CSIR-IMMT, Bhubaneswar.

#### Sudipta Nayak



Enrolment No. 10BB22A36005  
Supervisor Name: Dr. Nabin Kumar Dhal.

Participated in 1<sup>st</sup> National Conference on Chemical and Bioscience NCCBS- 2023 Dt- 25<sup>th</sup>-26<sup>th</sup> March, 2023

Participated 45<sup>th</sup> Annual Conference of Orissa Botanical Society & National Seminar on Biotechnological Approaches for mitigating climate change. Dt-10<sup>th</sup>-11<sup>th</sup> December, 2022

#### Debkumar Bera



Enrolment No. 10CC21A36012  
Supervisor Name: Dr. Nirmal Goswami.

Won 3<sup>rd</sup> prize in the poster competition held during 81<sup>st</sup> CSIR Foundation Day on 26<sup>th</sup> Sept. 2022 at CSIR-IMMT

Best poster presentation award at the Symposium on "Insights into the key trends in Biomaterials Research", organized by DBT-ILS, 27<sup>th</sup> & 28<sup>th</sup> Sept., 2022.

Participating and presenting a poster in an international conference "Molecular Materials and Functions" held at IIT Madras from Dec. 05<sup>th</sup> -07<sup>th</sup>, 2022.

Won 3<sup>rd</sup> prize for Poster Presentation on "Research Scholar Day" on eve of Pre G20 Jan Bhagidari Programme conducted at CSIR-IMMT, Bhubaneswar

#### Sukanta Kumar Mahanta



Enrolment No. 10CC22A36007  
Supervisor Name: Dr. Balaji Umapathi.

Winner of the Best Poster award in the Category of Engineering & Technology in National Conference on Science and Technology for Sustainable World Organised by Indian Science Congress Association, Bhubaneswar Chapter & KIIT, Bhubaneswar.



### Priyabrata Nayak



Enrolment No. 10PP22A36007  
Supervisor Name: Dr. Balaji Umapathi.

Winner of the Best Poster award in the Category of Material Science in National Conference on Science and Technology for Sustainable World Organised by Indian Science Congress Association, Bhubaneswar Chapter & KIIT, Bhubaneswar

### Manasi Jena



Enrolment No. 10PP20J36002  
Supervisor Name: Dr. Dipti P. Das & Dr. Manas Ku. Dalai

Winner of best scientific stories in DST-AWSAR-AWARD 2022 for Popular Science Story writing under PhD category. Story Title: "PHOTOCATALYSIS: Future of Wastewater Mineralisation"

### Rahul Mitra



Enrolment No. 32EE19A36001  
Supervisor Name: Dr. Manju Unnikrishnan

Won 1<sup>st</sup> prize for Poster Presentation on "Research Scholar Day" on eve of Pre G20 Jan Bhagidari Programme conducted at CSIR-IMMT, Bhubaneswar

### N. Usha Kiran



Enrolment No. 10CC19A36032  
Supervisor Name: Dr. Laxmidhar Besra

Won 2<sup>nd</sup> prize for Poster Presentation on "Research Scholar Day" on eve of Pre G20 Jan Bhagidari Programme conducted at CSIR-IMMT, Bhubaneswar

### Arya Jyoti Deo



Enrolment No. 20EE18A36002  
Supervisor Name: Dr. Santosh K. Behera & Dr. Debi Prasad Das

Won consolation prize for Poster Presentation on "Research Scholar Day" on eve of Pre G20 Jan Bhagidari

Programme conducted at CSIR-IMMT, Bhubaneswar

### Surya Kanta Ghadei



Enrolment No. 10PP21A36005  
Supervisor Name: Dr. R. Sakthivel

Won consolation prize for Poster Presentation on "Research Scholar Day" on eve of Pre G20 Jan Bhagidari Programme conducted at CSIR-IMMT, Bhubaneswar.

## Academic Centre: CSIR-NBRI

### Ravindra Kumar



Enrollment No. 10BB19A25013  
Supervisor: Dr. Priyanka Agnihotri

Won III<sup>rd</sup> Prize in Poster Presentation at National Conference on the "Ecological Restoration and Biodiversity Conservation" at CSIR-National Botanical Research Institute, Lucknow on 17-18 September 2022

### Aakash Maurya



Enrolment No. 10BB17A25001  
Supervisor Name: Dr. TS Rana  
Co-supervisor Name: Dr. KN Nair

Got 2<sup>nd</sup> Best Oral Presentation Award in 4<sup>th</sup> International Conference on Environment and Society-2022, Jiwaji University, Gwalior



### Akhilesh Kumar Maurya



Enrollment No. 10BB21A25014  
Supervisor Name: Dr. Gaurav Kumar Mishra

Got the Second Prize in Hindi Varg Paheli (On the occasion of Hindi divas) Conducted by CSIR – NBRI in September 2022.

### Rayees Ahmad Lone



Enrollment No. 10BB19J25032  
Supervisor Name: Dr. C.S. Mohanty

Got the Young Research Scholar Award in International Conference on New Generation Horticulture for prosperity on 20<sup>th</sup> and 21<sup>th</sup> January 2023

### Babita Joshi



Enrollment No.: 10BB17J25010  
Supervisor: DR. S. N. Jena

Best oral presentation award in National Conference on “Promoting Applied Research in Plant Sciences (PARPS-2022)” held at Central University of Jammu, India on 9<sup>th</sup>–10<sup>th</sup> November, 2022.

Topic of presentation: “A genome wide association study (GWAS) uncovers the novel SNPS for yield related traits in Indian upland cotton”

### Academic Centre: CSIR-NIIST

### Ashitha George



Enrollment ID.: 10PP19A39030  
Supervisor Name: Dr. E. BhojeGowd  
Co-Guide: Dr.Surendran K. P.

Selected for the RSC Advances Best Poster Award, International Conference on Chemistry and Applications of Soft Materials (CASM-2022), CSIR-NIIST, TVM, July 25 - 27, 2022

Selected for the Best Poster Award, National Conference on New Developments in Polymeric Materials (DPM-2023), TVM, March 2 & 3, 2023

### Vipin G. Krishnan



Enrollment ID.: 10CC17A39011  
Supervisor Name: Dr. E. BhojeGowd

Selected for the Best Poster Award, 3rd International Conference on Crystal Engineering: From Molecule to Crystal (CEPMC - 2022), Pahalgam, Jammu & Kashmir, August 31 – September 2, 2022

Selected for the Best Poster Award, International Conference on Science and Technology of Polymers and Advanced Materials through Innovation,



Entrepreneurship and Industry, (SPSI MACRO 2022), Pune, November 2 - 4, 2022

Selected for the Best Oral Presentation Award, Organized as part of the Curtain Raiser of the One Week One Lab (OWOL) Program on the occasion of National Science Day (2023), CSIR-NIIST, TVM, February 28, 2023

---

#### **Akhila N S**

Enrollment ID.: 10CC21A39006

Supervisor Name: Dr. E. BhojeGowd

Selected for the Best Poster AwardRecent Trends in Materials Science and Technology (NCMST-2022), TVM, December 28 - 30, 2022

---

#### **Anisha Mathew**

Enrollment No. 10CC21A39010

Supervisor Name: Dr.Sreejith Shankar P.

ACS Applied Energy Materials Best Poster Award, International Symposium on New Trends in Applied Chemistry (NTAC 2023), Sacred Heart College, Thevara, February 2023

---

#### **Jefin Parukoor Thomas**



Enrollment ID.: 10CC21A39005

Supervisor Name: Dr. E. BhojeGowd

Selected for the Best Poster Award,National Conference on New Developments in Polymeric Materials (DPM-2023), TVM, March 2 & 3, 2023

Alisha Valsan C

Enrollment ID.: 10BB18A39030

Supervisor Name: Dr.Radhakrishnan K V,  
Co-Guide: Dr.Nisha P.

Best Oral Presentation award at 5th International Conference on Nutraceuticals and Chronic diseases (INCD2022) held from 7-9 October 2022, at Department of Zoology, University of Delhi. Best Paper presentation awardat International Seminar on Plant chemistry, Gene prospecting and Clinical Biology, Organized by Kerala Academy of Sciences at Mar Ivanios College, Thiruvananthapuram, on November 10th and 11th 2022

---

#### **Ranjana Venugopal**



Enrollment No. 10CC18A39013

Supervisor Name:  
Dr.Biswapriya Deb

Got the Best Poster Award from NSRP 2023 conducted in January 2023.

---

#### **Dipak Patra**

Enrollment No. 10CC19A39006

Supervisor Name: Dr. A. Ajayaghosh Co-Guide:Dr.Sreejith Shankar P.

ACS Omega Best Oral Presentation Award, International Symposium on New Trends in Applied Chemistry (NTAC 2023), Sacred Heart College, Thevara, India, February 2023 ACS Materials Au Best Poster Award at the International Workshop on Nanoengineered Materials 2023, IISER, Thiruvananthapuram, January 2023

Best Poster Award, 16th JNCASR Research Conference on Chemistry of Materials, JNCASR Bengaluru, October 2022

ACS Langmuir Best Poster Award, International Conference on Chemistry and Applications of Soft Materials (CASM 2022), CSIR-NIIST, Thiruvananthapuram, India, July 2022

---

#### **Indulekha M.**

Enrollment No. 10CC17A39014

Supervisor Name: Dr. A. Ajayaghosh Co-Guide: Dr.Sreejith Shankar P.

ACS Appl. Mater. Interfaces Best Poster Award, International Conference on Chemistry and Applications of Soft Materials (CASM 2022), CSIR-NIIST, Thiruvananthapuram, India, July 2022

---



**Anjali N.**

Enrollment No. 10CC21J39002

Supervisor Name: Dr. A. Ajayaghosh Co-

Guide: Dr.Sreejith Shankar P.

ACS Organic Inorganic Au Best Poster Award, International Conference on Chemistry and Applications of Soft Materials (CASM 2022), CSIR-NIIST, Thiruvananthapuram, India, July 2022

**Raveena Natakakath Kaliyathan**

Enrollment No. (10BB18A39036)

Supervisor Name: Dr.Reshma M V

Received the best paper award from Dr. C. Anandharamakrishnan (Hon. Director, CSIR-NIIST) in the National seminar on 'recent trends in disease prevention and health management' jointly organized by CSIR-National Institute for Interdisciplinary Science and Technology (NIIST) & Kerala Academy of Science (KAS) from 14th -15th December, 2022.

**Akhil P.**

Enrollment No. 10CC19A39008

Supervisor Name: Dr.V. K.

Praveen

Co-Guide: Dr. Sunil Varughese

Won the Best Poster Award at National Conference on Advanced Functional Materials (NCAFM 2023) jointly organized by the Department of Physics, Department of Chemistry, and Research Development Cell, VTMMSS College, Dhanuvachapuram, Thiruvananthapuram from 23.03.2023 to 24.03.2023.

Adarsh S Pillai

Enrollment No. 10PP18A39024

Supervisor Name: Dr.K. P. Surendran

Got the Best Oral Presentation Award ICFMAT-1 (International Conference on Functional Materials for Advanced Technologies), during 2-4 January (2023) organized by Central University of Kerala.

**Billu Abraham**

Enrolment No.- 10CC19A39002

Supervisor Name- Dr.Nisha P

Taiwan Experience Education Program (TEEP) Award 2022,

Kaohsiung Medical University (KMU), Taiwan, Oct. 2022 - Jan.2023

**Theertha Anilkumar M K**

Enrollment No: 10BB18A39027

Supervisor Name: Dr. C Kesavachandran

Won Dr. Ansari Award for Best poster presentation at the international seminar on Gingers March 01-03, 2023 held at KSCSTE-Malabar Botanical Garden and Institute for Plant Sciences, Kozhikode, Kerala.

**Parvathy P A**

Enrollment No. 10CC19A39016

Supervisor Name: Dr.Sushanta Kumar Sahoo

Poster contest award in International e-Conference on Biopolymers, APA BIOFORUM-2022

**Lekshmi L.**

Enrollment no. 10CC21A39023

Supervisor name: Dr. A. Ajayaghosh

Dr.Saju Pillai (Co-Supervisor)

Received Best Poster Presentation award on Smart Polymers in the National Conference on New Developments in Polymeric Materials (DPM 2023) Organized by SPSI Thiruvananthapuram Chapter on March 2 to 3, 2023.

**Induja D K**

Enrollment No: 10BB20J39019

Supervisor name: Dr. Ravi Shankar L., Co-guide: Dr.Reshma M. V.

Received the best oral presentation award (student) under life science at the 35th Kerala Science Congress held at Mar Baselios Christian College of Engineering and Technology, Kuttikkanam, Peermade, Idukki during 12-14 February 2023.



Receiving a surprise gift from Dr.Aswathyraj S, the scientist at IAV.Mentors selected some students based on their performance during hands-on training and gave surprise gifts.

---

### **Sreedevi T.E**

Enrollment No: 10CC22A39012

Supervisor name: Dr. K. Jayasankar

Best paper award in National conference on Science, Technology, and Applications of Rare earths (STAR-2022) organized jointly by Rare earths association of India (REAL) and Department of Physics and Department of Chemistry, Sri Venkateswara University, Tirupati, Andra Pradesh. (22-23, September, 2022)

---

## **Academic Centre: CSIR-NIO**

### **Priyansha Gupta**



Enrollment No. 10PP18A29001

Supervisor Name: Dr. Mahua Saha.

Won the First Prize in three minutes thesis competition for PhD Scholars, titled "Saransh" 2022 under the Physical Sciences Category. This is a National Level Competition organized by the Indian National Young Academy of Sciences (INIAS) in collaboration with Anton Paar India Pvt Ltd.

Won the first prize in the videography and photography competition (National level) held in CSIR-NIO, Goa on the occasion of world oceans day 2022. She was awarded by the Chief Minister of Goa, Mr. Pramod Sawant. The theme for the videography competition was "Revitalization: Collective Action for the Ocean".

---

### **Medhavi**



Enrollment No. 10PP18A29014,

Supervisor: Dr. Haimanti Biswas

Won 2nd best oral presentation award for oral presentation at the international conference "Biodiversity and Climate Change: 2023" at Indian Institute of Technology, Kharagpur from 16-19 February 2023.

---

### **Tapas Kumar Mishra**



Enrollment No. 10PP20A29022,

Supervisor: Prof. Sunil Kumar Singh

Won Best Poster presentation award at the 2nd Frontiers in Geosciences Research Conference (FGRC 2023) held at the Physical Research Laboratory, Ahmedabad from 1-3 February 2023.

---

## **Academic Centre: CSIR-NPL**

### **Vijeta Choudhary**



Enrollment No. 20EE20A32001

Supervisor Name: Dr. Paramita Guha.

Best Researcher Award (6<sup>th</sup> Edition of Global Research- Artificial Intelligence and Robotics) on 25th April, 2023

---



### Ashish Bhatt



Enrollment No. 10PP18A32006

Supervisor Name: Dr. D. D. Shivagan

Co-supervisor Name: Dr. Komal Bapna

Got second Prize in the Metrology Quiz Competition Conducted by CSIR-NPL on One Week One Lab programme, During April 17-21, 2023.

Technical Talk on "Development of Calibration/Testing Facility for Clinical Thermometers at CSIR-NPL"

Got the Best Poster Award in 8th National Conference on Advances in Metrology (AdMet-2023) During March 23-25, 2023 Held At "DAE Convention Centre", BARC Anushaktinagar, Mumbai 400 094.

Got second Prize in the Writing Competition Conducted by CSIR-NPL on 22-12-2021 on the topic of "Article for Introducing Metrology to Common Men".

Got the Best Paper Award in 6th National Conference On Advances In Metrology (AdMet-2020) During January 05-06, 2020 Held at CSIR- National Physical Laboratory, New Delhi 110012

### Kushagra Yadav



Enrollment No.

10CC20A32009

Supervisor Name:

Dr.Sanjay R.  
Dhakate

Got the Best Poster Presentation Award in an international conference at NIT-Kurukshetra in April 2023.

### Anju

Enrollment No. 10PP18A32022

Supervisor Name: Dr.Rina Sharma.



Third Prize in Poster Competition organised on National Science Day at CSIR- National Physical Laboratory,

New Delhi on 28th February 2023.

First Prize in the poster entitled Measurement for a Better Future: Physico – Mechanical Metrology" on 4th January 2023, at CSIR- National Physical Laboratory, New Delhi.

2<sup>nd</sup> Award for poster presentation on National Science Day conducted on February 28, 2023.

### Rashi Kedia



Enrollment No. 10CC20J32015

Supervisor Name: Dr.Asit Patra.

Got the 2<sup>nd</sup> Award for poster presentation on National Science Day conducted on February 28, 2023.

### Chitra



Enrollment No. 10CC18A32064

Supervisor Name: Dr. Sushil Kumar

Best Oral Presentation Award-ASEM-2023, Conference, BHU, Varanasi

Title of presentation – Development of Recycling Processes for Polymeric Layers from Waste Silicon Solar Modules



### Prashant Dubey



Enrollment No. 10CC19A32089  
Supervisor Name: Dr. Priyanka H. Maheshwari

Awarded Raman-Charpak Fellowship 2022 and currently working in ESPCI-PSL Paris institute (Paris, France) as visiting PhD student.

Best oral paper presentation award International Online Conference on Natural Fiber Composites (NFC2022), November 11–13, 2022, Organized by Kongunadu Polytechnic College, Gudalore, Veda sandur Taluk, Dindigul District - 624 620, Tamil Nadu, India.

### Prashant Kumar



Enrollment No. 10PP17A32009  
Supervisor Name: DR. R.P. PANT

Academic Centre: CSIR – NPL  
Best oral paper presentation award International Online Conference on Natural Fiber Composites (NFC 2022), November 11–13, 2022, Organized by Kongunadu Polytechnic College, Gudalore, Veda sandur Taluk, Dindigul District - 624 620, Tamil Nadu, India.

### Academic Centre: CSIR-NGRI

#### Vivek Krishnan



Enrollment No. 10PP19A28011,  
Supervisor: Dr. Senthil Kumar Perumal  
Lunar and Planetary Institute (LPI) Career Development Award. For Outstanding first-author abstract submission to the 54th Lunar and Planetary Science Conference LPSC- 2023. Held on: March 13, 2023.

### Academic Centre: CSIR-IITR

#### Ms. Alikea Sarkar



Enrollment No. 10BB18J22001  
Supervisor Name: Dr. Mahendra Pratap Singh  
Won first prize in Poster Presentation held in February 2023.

### Academic Centre: CSIR-IIIM

#### Sadaqat Farooq



Enrollment No. 10BB17A37013  
Supervisor Name: Dr. Syed Riyaz-UI-Hassan  
Got the 2nd Best Paper Award from CSIR-IIIM, Jammu conducted in December 2022.

#### Aabid Bashir Sofi



Enrollment No. 10BB18A37030  
Supervisor Name: Dr. Syed Riyaz-UI-Hassan  
Got the 2nd Best Paper Award from CSIR-IIIM, Jammu conducted in December 2022.



### Radhika Anand

Enrollment No. 10CC20A37007

Supervisor Name: Dr. Parvinder Pal Singh



Got the Best Poster Award in the international conference on "Recent Advances in Chemical Sciences" (RACS-2022), organised by the Department of Chemistry, Central University of Jammu Conducted on November 10-11, 2022

Got 3rd best paper award in the field of Synthetic Organic Chemistry and Total Synthesis on the occasion of CSIR-III Foundation Day (1st December 2022)

Got the Best Poster Award in the National Conference on "Contemporary Facets in Organic Synthesis" (CFOS-2022), organised by the Department of Chemistry, Indian Institute of Technology, Roorkee (Uttarakhand), India Conducted on December 1-4, 2022

### Harjot Kaur



Enrollment No.  
10BB20A37023  
Supervisor Name: Dr.  
Amit Nargotra

Got third prize in poster presentation at ICDD (International Conference on Drug Discovery)-Schrodinger held at BITS Pilani KK Birla Goa Campus

Title of Poster Presented: "Investigating the Phytochemicals and Molecular Mechanism of Ginkgo Biloba, in the Treatment of Huntington's disease (HD) Using Network Pharmacology and Molecular Docking studies"

ICDD conducted on 10th and 11th November 2022.

### Dr. Abhishek Kumar Nautiyal



Enrollment No.  
10BB15A37001

Supervisor Name: Dr.  
Prashant Misra

Qualified UPPSC 2022 and joined as a Scientist in the Department of Horticulture & Food Processing, Lucknow.

### Academic Centre: CSIR-IGIB

#### Subhajit Dutta

Best oral presenter award, 49th Annual Conference of Indian Immunology Society IMMUNOCON-2022,

#### Babita Sharma

Second-best oral presentation award, Indian Zebrafish Investigators Meeting (IZIM) 2022 - IISER Pune

#### Shuvra Sekhar Roy

Best poster award, Chromosome Stability Meeting-2022 Organized by IISER Trivandrum. Various Scholarships Won by

#### Subhajit Dutta

10BB20A02037

Dr. Shantanu Chowdhury

Best oral presenter award, 49th Annual Conference of Indian Immunology Society IMMUNOCON-2022,

#### Babita Sharma



10BB18A02013

DR. VIVEK T. NATARAJAN

Second-best oral presentation award, Indian Zebrafish Investigators Meeting

(IZIM) 2022 - IISER Pune

#### Shuvra Sekhar Roy



10BB16A02019

Dr. Shantanu Chowdhury

Best poster award, Chromosome Stability Meeting-2022 Organized by IISER, Trivandrum



**Pragya Gupta**

10BB19J02009  
Dr.Sivaprakash Ramalingam

Awarded with Raman  
Charpak Fellowship 2022-  
2023

**Academic Centre: CSIR-CFTRI****Riya Saini**

Enrolment No. 50BB21A08003  
M.Sc. Food Technology 2021-23  
Awarded Kerry scholarship for securing  
highest marks in M.Sc. Food Technology  
Entrance exam, 2021.

**Krishna Kumar Upadhyay**

Enrolment No. 50BB21A08008  
M.Sc. Food Technology 2021-23  
Awarded Kerry scholarship for securing  
highest marks in M.Sc. Food Technology  
Entrance exam, 2021.

**Valcea Pearl D Cunha**

Enrolment No. 50BB21A08013  
M.Sc. Food Technology 2021-23  
Awarded Kerry scholarship for securing  
highest marks in M.Sc. Food Technology  
Entrance exam, 2021.

**Bharath J**

Enrolment No. 50BB21A08029  
M.Sc. Food Technology 2021-23  
Awarded Kerry scholarship for securing  
highest CGPA after completion of II  
Semester in M.Sc. Food Technology.

**Vasudeva S N**

Enrolment No. 50BB21A08018  
M.Sc. Food Technology 2021-23  
Awarded Kerry scholarship for securing  
third highest CGPA after completion of II  
Semester in M.Sc. Food Technology.

**Chandana S V**

Enrolment No. 50BB21A08016  
M.Sc. Food Technology 2021-23  
Awarded Kerry scholarship for securing fifth  
highest CGPA after completion of II  
Semester in M.Sc. Food Technology.

**Shivakumar A R**

Enrolment No. 50BB21A08014  
M.Sc. Food Technology 2021-23

Awarded FSL CSR Scholarship based on  
Economic background and Academic  
Excellence in M.Sc. Food Technology

**A Pradeep**

Enrolment No. 50BB21A08023  
M.Sc. Food Technology 2021-23  
Awarded Malhotra Weikfield Scholarship  
for securing fifth highest CGPA at the end  
of II Semester in M.Sc. Food Technology.

**Soman Rahul Ajit**

Enrolment No. 50BB21A08007  
M.Sc. Food Technology 2021-23  
Awarded Malhotra Weikfield Scholarship  
for securing fifth highest CGPA at the end  
of II Semester in M.Sc. Food Technology.

**Kalandar M**

Enrolment No. 50BB21A08021  
M.Sc. Food Technology 2021-23  
Awarded Malhotra Weikfield Scholarship  
for securing sixth highest CGPA at the end  
of II Semester in M.Sc. Food Technology.

**Venkatalakshmi D**

Enrolment No. 50BB21A08031  
M.Sc. Food Technology 2021-23  
Awarded Nerula's Foundation Scholarship  
for securing ninth highest CGPA at the end  
of II semester in M.Sc. Food Technology.

**Kajal Sahu**

Enrolment No. 50BB22A08001  
M.Sc. Food Technology 2022-24  
Awarded Kerry scholarship for securing  
highest marks in M.Sc. Food Technology  
Entrance exam, 2022.

**Sachin Alagur**

Enrolment No. 50BB22A08002  
M.Sc. Food Technology 2022-24  
Awarded Kerry scholarship for securing  
highest marks in M.Sc. Food Technology  
Entrance exam, 2022.

**Chetan G**

Enrolment No. 50BB22A08003  
M.Sc. Food Technology 2022-24  
Awarded Kerry scholarship for securing  
highest marks in M.Sc. Food Technology  
Entrance exam, 2022.



## Awards & achievements:

### Dr. R Sankaranarayanan,

Outstanding Scientist, CSIR-CCMB, was elected as Associate Member of EMBO

**Dr. Giriraj Chandak**, CSIR-CCMB, won 5th Venus International Healthcare Awards – VIHA 2022 and NASI-Council Prof. V. P. Sharma Memorial Lecture Award – 2022

### Dr. Rahul Shukla

Scientist, Virus Research & Therapeutics Division, CSIR-CDRI  
AcSIR Assistant Professor, Biological Sciences  
Won NASI- Young Scientist Award- 2022

### Dr. Ritu Trivedi

Senior Principal Scientist, Endocrinology Division, CSIR-CDRI  
AcSIR Professor, Biological Sciences

Got featured in the list of the "India's Top 20 Promising Bioscience Innovators". The Cover Story, "The Torchbearers of Indian bioscience- Profiling India's Top 20 Promising Bioscience Innovators" in the 'March 2023 issue' puts a spotlight on few of the shining stars of Indian scientific fraternity. It takes us through the outstanding groundbreaking work of Indian bio-scientists and innovators in the field of biotech, healthtech and agritech.

### Dr. Namrata Rastogi

Principal Scientist, Medicinal & Process Chemistry Division, CSIR-CDRI  
AcSIR Associate Professor, Chemical Sciences  
Invited to join the International Advisory Board of Thieme Chemistry Journal "Synthesis"

### Dr. Rajesh Jha

Principal Scientist, Endocrinology Division, CSIR-CDRI  
AcSIR Associate Professor, Biological Sciences

Conferred with the prestigious International Fellowship for Young Biomedical Scientist 2022-23. He will do advance gynaecological research at Baylor College of Medicine, Houston, Texas, USA.

**Dr. V. MURUGAN**, CSIR-CECRI, Faculty of Biological Sciences, AcSIR visited Singapore Eye Research Institute, Singapore during 27.02.2023 to 04.03.2023 as part of the INDO-ASEAN Collaborative project (GAP 18/22) to work on Genosensor Design and Application

**Dr. SubrataKundu**, CSIR-CECRI, Principal Scientist & Faculty of Chemical Sciences, AcSIR

Recognized as 'Top 3% highly cited authors' from ACS Publications in 2022. Results came in 2023.

Recognized as 'Top 5% Scientist from India' from RSC Publications in 2022. Results came in 2023.

Recognized as top scientists ranking was published by Research.com for the year 2022. Rank 36 (in India) in Chemistry and 27 (in India) in Materials Science. Results came in 2023.

Recognized and selected as 'Top 2% Scientist Worldwide' as surveyed by Stanford University researchers, USA. Results came in 2023.

Recognized and working as 'Guest Editor' for a theme collection in RSC journal 'Materials Advances' for the year 2022-2023. Recognized and Nominated as 'Guest Editor' for a theme collection in 'Scientific Reports' journal published by Nature publishers for the year 2022-2023.

Awarded recognition 'FRSC' (Fellow of Royal Society of Chemistry) from RSC, London from March 14th 2023 with membership number # 631265.

Awarded and working as 'Associate Editor' for two RSC Journals, 'Journal of Materials Chemistry A' and 'Materials Advances'.



### **Dr Suchandan Pal**

Designation: Chief Scientist, CSIR-CEERI & Professor, AcSIR

IETE-CEOT (94) Award (Biennial)-2022: Dr Suchandan Pal received the IETE-CEOT (94) Award (Biennial)-2022 for remarkable contributions in the field of opto-electronic materials, devices and technology developments, particularly for optical fibre/waveguide gratings, integrated-optic and nano-photonic devices and GaN-based blue, white and UV-LEDs, at the 65<sup>th</sup> Annual IETE Convention of the Institute held on 25<sup>th</sup> September, 2022 at Hyderabad.

### **Dr. Bhausaheb Ashok Botre**

Designation: Principal Scientist, CSIR-CEERI & Assoc. Professor, AcSIR

National Award for the Empowerment of Person with Disabilities (Divyanghan) – 2022. Mrs. Droupadi Murmu, the Hon'ble President of India conferred on the National Awards for outstanding work towards empowerment of persons with disabilities on International Day of Persons with Disabilities on 3<sup>rd</sup> December 2022.

### **Dr. Probodh Kumar Trivedi**

Designation: Director, CSIR-CIMAP  
AcSIR Designation-Professor  
AcSIR Outstanding Professor -November 1, 2022

### **Dr. Santosh C Kedar**

Designation: Scientist, CSIR-CIMAP

Received a Gold medal for significant research contributions of the PhD program in the 25<sup>th</sup> Convocation program of CCS Haryana Agricultural University, Hisar, Haryana, from Smt. Droupadi Murmu, Hon'ble President of India, Shri. Manohar Lal, Chief minister, Bandaru Dattatreya Governor, Shri Jai Parkash Dalal Agriculture Minister of Haryana and Prof. B.R Kamboj Vice Chancellor of CCSHAU (24 April 2023)  
Best presentation award in World Cotton Research Conference-7 (WCRC-7) held on 4-7 October 2022 in Cairo, Egypt.  
First prize in the 6<sup>th</sup> Photo contest organized by the Entomological Society of India, New Delhi.

### **Dr. Tapas Kuila**

Principal Scientist and AcSIR Faculty  
Department: Advanced Composites Manufacturing Centre  
(ACMC) Electric Mobility and Tribology Research Group, CSIR-CMERI, Durgapur

Best Materials Science Scientists in India  
(<https://research.com/scientists-rankings/materials-science/in>)

World Ranking: 5559

National Ranking: 64

(i) Editorial Board Member: Scientific Reports (I.F. 5.516)

(ii) Editorial Board Member: Composite Part B: Engineering (I.F. 11.322)

(iii) Google scholar citation: Total citation = 19,341, h-index = 56 & i10 index = 140

### **Dr. Parul Sahu**

Designation: Assistant Professor  
Academic centre: CSIR-CSMCRI  
SERB International Research Experience (SIRE) fellowship. Dr. Parul Sahu visited Rowan University, New Jersey, USA as part of SERB International Research Experience (SIRE) fellowship. She has been involved in research & teaching at Rowan University during September 2022 to February 2023

### **Dr Kamalesh Prasad**

Designation: Professor  
Academic centre: CSIR-CSMCRI  
Professor was nominated as Member of "Start Up" task force of Gujarat Unit of CII

### **Dr. Divesh N Srivastava**

Designation: Professor & Coordinator AcSIR  
Academic centre: CSIR-CSMCRI  
Elected Member in the Executive Council of Gujarat Science Academy. March 2023 (2023-2025)



**Dr. Sukalyan Bhadra**

Designation: Assistant Professor  
Academic centre: CSIR-CSMCRI

Thieme Chemistry Journal Award 2023 reer as assistant or junior professors. The awardees are selected exclusively by the editorial board members of SYNTHESIS, SYNLETT, and SYNFACTS who constantly watch out for promising, young individuals working in chemical synthesis and catalysis or closely related areas of organic chemistry. The award consists of a one-year complimentary subscription to SYNTHESIS, SYNLETT, and SYNFACTS (online and print) and a certificate.

**Dr. Kanti Bhooshan Pandey**

Designation: Assistant Professor

Academic centre: CSIR-CSMCRI

Name of the Edited book: Plant Bioactives as Natural Panacea Against Age-Induced Diseases: Drug Discovery Update.

Kanti Bhooshan Pandey (Editor), MaitreeSuttajit (Co-editor) Publisher: Elsevier (USA) ISBN: 9780323905817 Year: 2022

DOI: <https://doi.org/10.1016/C2020-0-03921-6>

Organized webinar on 'Advances in Algal Research' on June 27, 2022 at CSIR-CSMCRI, Bhavnagar as Organizing Secretary.

**Dr. Jeremy Dkhar**

Senior Scientist, CSIR-IHBT  
Adjudged Best Oral Presentation Award at APBNS-2022

**Dr. Mohana Krishna Reddy Mudiam**

Sr. Principal Scientist, CSIR-IICT

Industrial Medal Award-2021" by the Society International Conference on Biotechnology, Sustainable Bioresources&Bioeconomy" at IIT, Guwahati (7th December 2022)

Eminent Mass Spectrometrists Award-2019" by Indian Society for Mass Spectrometry (ISMAS) (15-18 February 2023)

**Dr. S. Sridhar**

Chief Scientist, CSIR-IICT

Vocational Excellence award" from Rotary club of Bombay Sea Face (4th March, 2023) invention of the atmospheric water generator "Meghdoot"

**Dr. Chittaranjan Patra**

Sr. Principal Scientist, CSIR-IICT

Silver Medal-2023 by Chiranthan Rasayan Sanstha (CRS)

**Dr. Nivedita Sahu**

Principal Scientist, CSIR-IICT

Exceptional Leaders of Excellence" by Women's Indian Chamber of Commerce & Industry (WICCI)

**Dr. Sanjib Kr Paul**

Scientist, CSIR-IICT

NESA Green Technology Innovative Award-2022' by National Environmental Science Academy, India

**Dr. A. Gangagni Rao**

Chief Scientist, CSIR-IICT

IChE Award for the Year 2022: NOCIL Award

**Dr. Sanjit Kanjilal**

Sr. Principal Scientist, CSIR-IICT

Appointed as Member of Trans Fat Elimination Technical Advisory Group (TFATAG) of WHO for a period of three years (2023-2026)

**Dr. Maddi Sridhar Reddy**

Sr. Principal Scientist, CSIR-IICT

SERB - Science and Technology Award for Research (SERB-STAR) – 2022



**Dr. Rambabu Chegondi**

Principal Scientist, CSIR-IICT

SERB - Science and Technology Award for Research (SERB-STAR) - 2022

**Dr. Prathama S. Mainkar**

Sr. Principal Scientist, CSIR-IICT

Elected as the Fellow of the National Academy of Sciences, India (NASI)-2022

**Dr. Ch. Rambabu**

Principal Scientist, CSIR-IICT

Fellow of the Royal Society of Chemistry (FRSC) "Leaders in the Field" - 2023

**Dr. Surya Prakash Singh**

Principal Scientist, CSIR-IICT

Prof. B. N. Singh award by "Indian Association of Solid-State Chemists and Allied Scientists

**Dr. S. Venkata Mohan**

Chief Scientist, CSIR-IICT,  
Abdul Kalam Technology Innovation National Fellowship by SERB & INAE in recognition of his contribution to the field of Environmental Bioengineering the golden Peacock Eco-Innovation Award' for the year 2022 for 'Environmental Surveillance for SARS-CoV-2 Virus in Wastewater for Effective Management

**Dr. Priyanka Rajput**

Pr. Scientist, AMT Dept., CSIR – IMMT  
AcSIR Faculty: Associate Professor

Selected as recipient of IEI Young Engineers Award 2022-23 under the Metallurgical and Materials Engineering Discipline.

**Dr. Danda Srinivas Rao,**

Chief Scientist, MPD Dept., CSIR – IMMT  
AcSIR Faculty: Professor & Dean, Physical Sciences, AcSIR

**Dr. Danda Srinivas Rao,**

Chief Scientist - MPD, Head HRD on being selected to receive the Samanta Chandra Sekhar award for the year 2020, by Govt. of Odisha.

**Dr. Santosh Kumar Behera**

Principal Scientist, PE&I Dept., CSIR – IMMT  
AcSIR Faculty: Assistant Professor  
Has been awarded IETE - Hari Ramji Toshniwal Award (2022)

**Mr. Santosh Deb Barma**

Sr. Scientist, MPD Dept., CSIR – IMMT  
AcSIR Faculty: Assistant Professor  
Mr. Santosh Deb Barma, Sr. Scientist, MPD Deptt. IEI Young Engineers Award 2021-22  
Dr. Bikash Kumar Jena  
Principal Scientist, MCD Dept., CSIR – IMMT  
AcSIR Faculty: Associate Professor  
Dr. Bikash Kumar Jena, Principal Scientist, MCD Deptt., Fellow of the Royal Society of Chemistry

**Dr. Nabin Kumar Dhal**

Chief Scientist, E&S Dept., CSIR – IMMT  
AcSIR Faculty: Professor

**Dr. Nabin Kumar Dhal,**

Chief Scientist & Head, E&S Deptt., have been elected to the Executive Council of the AAT (Indian Association for Angiosperm Taxonomy)

**Dr. Mamata Mohapatra**

Principal Scientist, H&E Dept., CSIR – IMMT  
AcSIR Faculty: Assistant Professor  
Dr.(Ms.) Mamata Mohapatra, Principal Scientist, H&E Deptt., has been selected as State President, Odisha Water Resources Council (Women's Indian Chamber of Commerce & Industry)

**Dr. Vinay Sahu**

Academic Centre: CSIR – NBRI  
Distinguished Alumni Award 2022 has been given by Babasaheb Bhimrao Ambedkar University Alumni Association, on 28 August at BBAU, Lucknow

Selected Fellow of International Society of Environmental Botanists, NBRI, Lucknow



### **Dr. Achu Chandran**

Senior Scientist, CSIR – NIIST  
Assistant Professor (AcSIR)

INAE Young Engineer Award 2022 by Indian National Academy of Engineering  
Kerala State Young Scientist Award-2022 by The Kerala State Council for Science, Technology and Environment (KSCSTE), Govt. of Kerala

IEI Young Engineer Award 2022-23 by The Institution of Engineers (India)

ISEES Young Scientist Award by International Society for Energy, Environment and Sustainability (2022)

Dr. R. L. Thakur Memorial Award-2022 by Indian Ceramic Society

Member of the Senate, AcSIR, Ghaziabad (2022-24)

Inducted as 'Young Associate' to Indian National Academy of Engineering since January 2023

---

### **Dr. Sreejith Shankar P.**

Senior Scientist, CSIR – NIIST  
Assistant Professor (AcSIR)

Won the JNCASR Emerging Best Young Scientist Award, 2022, JNCASR Bengaluru, October 2022

---

### **Dr. E. Bhoje Gowd**

Senior Principal Scientist, CSIR – NIIST  
Associate Professor (AcSIR)

Dr. Bhoje Gowd Guest Editor, European Polymer Journal (2022)

Dr. Bhoje Gowd Associate Editor, Frontiers in Chemistry: Polymer Chemistry (IF: 5.221) (2022 – Present)

Dr. Bhoje Gowd Member, Editorial Advisory Board of SPE Polymers (Published by Wiley) (2020 - Present)

---

### **Dr. Rakhi R B**

Designation: Principal Scientist, CSIR – NIIST  
Associate Professor (AcSIR)

Name has been included in the data base of world's top 2% of the highly cited researchers in various disciplines in 2022, in the list published by Elsevier BV, Netherlands based on the study conducted by Stanford University.

### **Prof. Sunil Kumar Singh**

Designation: Outstanding Professor  
Academic Centre: CSIR – NIO

Conferred the Lifetime Achievement Award of the Indian Society of Applied Geochemists (ISAG), in recognition of his contributions to Earth Sciences in general and applied Geochemistry in particular. The award was presented on 3rd November 2022 at the 26th Annual General Body Meeting held at the Department of Applied Geochemistry, University College of Science, Osmania University, Hyderabad.

---

### **Dr. Aninda Mazumdar**

Designation: Professor  
Academic Centre: CSIR – NIO

In recognition of his outstanding contributions to Ocean Sciences, the Ministry of Earth Sciences has honored Dr. A. Mazumdar with the National Award in Ocean Sciences for the year 2022 for his pioneering contribution to India's gas hydrate exploration program. He has made fundamental contributions to discovering methane cold seep systems in Krishna-Godavari and Cauvery-Mannar basins. These discoveries have put the Krishna-Godavari and Mannar basins in the global cold seep map. He has also contributed commendably to understanding Fe-S-C biogeochemistry of modern and ancient marine sediments/ sedimentary rocks.

---

### **Dr. Suhas Shetye**

Assistant Professor  
Academic Centre: CSIR – NIO

Dr. Suhas S. Shetye has been awarded the Indian National Science Academy (INSA) Medal for Young Scientists for the year 2022. He made noteworthy contributions to regional and global carbon biogeochemical processes and acidification of the Southern and North Indian Oceans are based on large dataset. His work highlights the difference in the pH within the oxygen minimum zone of the Arabian Sea and Bay of Bengal; provides rates of ocean acidification in the northern Indian Ocean and its impact on



calcareous organisms. His work on CO<sub>2</sub> sequestration in the ocean using natural material such as rice husk that can provide silicates for marine diatoms, and has shown increased production of organic carbon.

---

#### **Dr G. Narahari Sastry**

Director, CSIR-NEIST, received Special Award at the International Congress of Society for Ethnopharmacology, India for promotion of Ethnopharmacology in the country on 22 April, 2022 at JSS College of Pharmacy Mysuru, Karnataka

---

#### **Dr. Swapnali Hazarika**

Academic Centre: CSIR-NEIST

Has been selected for CRSI Bronze Medal 2023 for her well deserved achievement and contribution to the research in Chemical Sciences.

---

#### **Dr Mohan Lal**

Academic Centre: CSIR-NEIST, Senior Scientist of CSIR-NEIST, Jorhat, Assam has been appointed as the Editor-in-Chief of the prestigious scientific international journal "Journal of Essential Oil Bearing Plants" which is published by Taylor & Francis worldwide. This journal focuses on the researches in the areas of cultivation, chemistry of the essential oil bearing plants and application of essential oils in pharmacology, perfumery, flavor, and other value added products related to these areas.

---

#### **Dr. Arun Bandyopadhyay**

Director, CSIR-IICB, elected as Fellow, Indian National Science Academy (FNA)

---

#### **Dr. Rupasri Ain**

Chief Scientist, CSIR-IICB, elected as Fellow, National Academy of Science (FNASc) Dr. Rupasri Ain, Chief Scientist, CSIR-IICB, elected as Fellow, West Bengal Academy of Science and Technology

---

#### **Dr. P. Jaisankar**

Chief Scientist, CSIR-IICB, elected as a Fellow of the Royal Society of Chemistry (FRSC), UK

---

#### **Dr. Sujoy K. Das**

Principal Scientist, CSIR-IICB, Elected as a Fellow of the Royal Society of Chemistry (FRSC), UK

---

#### **Dr. Sourish Ghosh**

Senior Scientist, CSIR-IICB, received Ramalingaswami Re-entry Fellowship

---

#### **Dr. Rupasri Ain**

Chief Scientist, CSIR-IICB has become Associate Editor, American Journal of Reproductive Immunology

---

#### **Dr. Rupasri Ain**

Chief Scientist, CSIR-IICB has become Associate Editor, PLOS ONE, USASERB-Power Fellowship (2022-2025) recipient: Dr. Jayati Sengupta (Senior Principal Scientist)

---

#### **Dr. Sivaprakash Ramalingam**

Academic Centre: CSIR-IGIB  
Raman-Charpak Fellowship-2022  
CSIR, 18-Oct-22

---

#### **Dr. Archana Singh**

Academic Centre: CSIR-IGIB  
Raman Research Fellowship 2022-23  
CSIR, 13-Oct-22

---

#### **Dr. Ritushree Kukreti**

Academic Centre: CSIR-IGIB  
Fellow of Association of Physiologists of India. Association of Physiologists in India (ASSOPI) Oct-22

---

#### **Dr. Sagarika Biswas**

Academic Centre: CSIR-IGIB  
ACCTI Professor MP Khare Memorial Lecture Award  
Association of Carbohydrate Chemists & Technologists (India), 2022





# Annexures





# Master Degree Dissertations

S. No.	Student	Lab	Dissertation Title
<b>M.Tech: Advanced Electronic Engineering</b>			
1	HIMANSHU (30EE20A06009)	CSIR-CEERI, Pilani	Image Synthesis and Generation using GANs
<b>M.Tech: Chemical Engineering</b>			
1	HITAL DEORE (30EE20A26005)	CSIR-NCL, Pune	Hydrodynamic study of single and two phase flow in helical coils
2	SUBRAMANIAM (30EE20A26008)	CSIR-NCL, Pune	Design of Flow distributor for exploring the use of heat exchanger as a flow reactor
3	YAGYANSH MADAN (30EE20A26033)	CSIR-NCL, Pune	Vapor Pressure and Isobaric Vapor Liquid Equilibrium data generation and Thermodynamic Modelling
<b>M.Tech: Advanced Instrumentation Engineering</b>			
1	Vishal Shrivastava (30EE20A15018)	CSIR-CSIO, Chandigarh	Time Domain Electromagnetic Sensor for Buried Object Detection
<b>M.Tech: Farm Machinery and Power Engineering</b>			
1	SAWAN PANKER (30EE20A12004)	CSIR-CMERI, Durgapur	Performance evaluation and refinement of chilli harvester
2	KARAN PRATAP SINGH (30EE20A12005)	CSIR-CMERI, Durgapur	Design of a retrofit lance to convert battery operated knapsack sprayer to electrostatic sprayer
<b>M.Tech: Mechatronics</b>			
1	ARUNABHA MAJUMDER (30EE20A12014)	CSIR-CMERI, Durgapur	Artificial Neural Network Based Control of Pneumatic Artificial Muscle
<b>M.Tech: Design of Machinery and Equipment</b>			
1	SWETA SHARMA (30EE20A12021)	CSIR-CMERI, Durgapur	Study the Performance of a Pilot Scale Biomass Gasifier



2	ABHIDWIP NATH (30EE20A12027)	CSIR-CMERI, Durgapur	Mechanism Synthesis for Actuation of Turboprop Engine Control Levers
3	SOUMYADIP DAS (30EE20A12033)	CSIR-CMERI, Durgapur	Dynamic Modeling and validation of in-house developed pneumatic muscle actuator
<b>M.Sc.: Science &amp; Technology Communication</b>			
1	DEORAJ SARASWATI (50MM20A42014)	CSIR-NIScPR, New Delhi	A Pilot Survey on Public Awareness about Antibiotic Resistance
2	Tausif Ahmed Sayed (50MM20A42023)	CSIR- NIScPR, New Delhi	Public Understanding of Genetically Modified Organisms (GMOs) - A Survey Based Study
3	Sakshi Verma (50MM20A42002)	CSIR- NIScPR, New Delhi	Public Awareness and Perception of Cancer: A Survey Based Preliminary Study
<b>M.Sc.: Food Technology</b>			
1	Lekshmi Vijayan R (50BB20A08001)	CSIR-CFTRI, Mysuru	Extraction, characterization of selected Acetogenins from <i>Annona muricata</i> L for anti-cancer studies
2	Bhawna Chugh (50BB20A08002)	CSIR-CFTRI, Mysuru	Shelf-life stability of wheat based flat breads
3	Sinni Mishra (50BB20A08003)	CSIR-CFTRI, Mysuru	Overview of Edible Oil Structuring Methods and Their Application in Bakery Products
4	Ankita Jha (50BB20A08004)	CSIR-CFTRI, Mysuru	Glycemic Index in Cereals: Effect of Processing
5	Srinivasa K T (50BB20A08006)	CSIR-CFTRI, Mysuru	Development of and Characterization of Essential Oil Incorporated PLA/PCL Based Active Packaging Films
6	Rashmita G (50BB20A08007)	CSIR-CFTRI, Mysuru	Advancing Edible Oil Quality to Deliver Recommended Fatty Acids Ratio in Diet
7	Muskan Wadhwa (50BB20A08008)	CSIR-CFTRI, Mysuru	PLA/ZnO Nanobiocomposites For Sustainable Food Packaging: A Brief Review
8	Meghana H V (50BB20A08009)	CSIR-CFTRI, Mysuru	Quality Characteristics and Supplementation of Micronutrients Through Food System
9	Yashmita Grover (50BB20A08010)	CSIR-CFTRI, Mysuru	Advances in Freezing of Fruits and Vegetables
10	Yamini Semwal (50BB20A08011)	CSIR-CFTRI, Mysuru	Geriatric Foods: Health, Dietary Changes, and Nutritional Consideration of the Ageing Population
11	Shalini Sinha (50BB20A08012)	CSIR-CFTRI, Mysuru	Effects of Processing on Nutritional Composition of Small Millets
12	Shivani Dhaka (50BB20A08013)	CSIR-CFTRI, Mysuru	Synthetic Meat: Technical, Socio-Political and Regulatory Challenges



13	Diya Jyothis (50BB20A08014)	CSIR-CFTRI, Mysuru	Studies on Dates ( <i>Phoenix dactylifera</i> ) and Its Value Addition
14	Hafsath Beevi VT (50BB20A08015)	CSIR-CFTRI, Mysuru	Potential Health Benefits of Coconut Residue
15	Bhageerathi Kalyani (50BB20A08016)	CSIR-CFTRI, Mysuru	Enhancing the Bioavailability of Key Bioactives in Cruciferous Vegetables Through Biochemical Interventions
16	Surekha A (50BB20A08018)	CSIR-CFTRI, Mysuru	Vegan Milk with Exosome Formulation for Cancer Patients
17	Divya Aggarwal (50BB20A08019)	CSIR-CFTRI, Mysuru	Novel Techniques for Dehydration of Foods
18	Sulthana Humayoon Muttathukonam (50BB20A08020)	CSIR-CFTRI, Mysuru	Boerhavia diffusa – A Treasure of Phytochemicals
19	Amal Boss (50BB20A08021)	CSIR-CFTRI, Mysuru	Fruit Peel Powders
20	Kadam Anagha Sunil (50BB20A08022)	CSIR-CFTRI, Mysuru	Review on Natural Sugar Replacers for Bakery Application
21	Akshay V (50BB20A08023)	CSIR-CFTRI, Mysuru	Development of Nanocellulose Based Biocomposites Films for Food Packaging Applications
22	Jaygadkar Samiksha Shailesh (50BB20A08024)	CSIR-CFTRI, Mysuru	Detection of Honey Adulterants using Nuclear Magnetic Resonance Technique
23	Ashna Xavier (50BB20A08025)	CSIR-CFTRI, Mysuru	Pulse Processing Methods and Impact on Antinutritional Factors
24	Manoj U (50BB20A08026)	CSIR-CFTRI, Mysuru	Millet processing and its utilization in development of specialty wheat flours and bakery products
25	Shreya Khalai (50BB20A08027)	CSIR-CFTRI, Mysuru	The Chemical Structural Influence on the Quality of Odour Active Molecules
26	Mohammed Asfiya Tabassum (50BB20A08028)	CSIR-CFTRI, Mysuru	Current Trends in the Development of Nutrition Snack Bars
27	Ram Prasad Naik K (50BB20A08029)	CSIR-CFTRI, Mysuru	Starch Profiling of Wheat
28	Thejas C M (50BB20A08030)	CSIR-CFTRI, Mysuru	Use of $\beta$ -Mannans as Hydrocolloids for Food Applications
29	Meghana M (50BB20A08031)	CSIR-CFTRI, Mysuru	Effect of Direct and Indirect and Processing Treatments on Physico-Chemical and Sensory Preceptions of Food



30	Shailaja H Poojari (50BB20A08032)	CSIR-CFTRI, Mysuru	Role of Millet Bioactive Peptides in Lifestyle Disorders
31	Jabez Philip (50BB20A08034)	CSIR-CFTRI, Mysuru	Recent Developments in Diversification and Innovation of New Products from Mahua Flower ( <i>Madhuca Indica</i> ): A Critical Appraisal
32	Swathi K (50BB20A08035)	CSIR-CFTRI, Mysuru	Effect of Thermal Processes and Spices on In Vitro Digestibility of Oilseed Proteins
<b>M.Sc.: Clinical Research</b>			
1	Baani Sodhi (50BB20A61001)	PHFI-IIPH, Delhi	Outpatient antibiotic prescription for acute childhood ailments in private health facilities: identifying the mediating role of parental knowledge and attitudes
2	Disha Angra (50BB20A61002)	PHFI-IIPH, Delhi	Association between physical activity and low back pain among adults in an urban setting
3	Shyamashree Biswas (50BB20A61003)	PHFI-IIPH, Delhi	Association of Migraine with Pre-eclampsia among women: a hospital- based case-control study in Delhi
4	Gina Rachel Sunil (50BB20A61004)	PHFI-IIPH, Delhi	Heat and decisions to perform physical activity in daily life
5	Sumi P Rose (50BB20A61005)	PHFI-IIPH, Delhi	Factors associated with utilization of Integrated Child development service and nutritional status or dietary diversity among pregnant and lactating in urban poor settlements of Delhi: A Cross-Sectional Study
6	Kopal Dixit (50BB20A61006)	PHFI-IIPH, Delhi	Influence of functional disability on depression among patients with Rheumatoid Arthritis
7	Zode Mrunali Yogeshwar (50BB20A61007)	PHFI-IIPH, Delhi	Association between antenatal depression and low birth weight among recently delivered mothers in Nagpur, India: A hospital based case-control study
8	Aayushi Ambastha (50BB20A61008)	PHFI-IIPH, Delhi	Quality of life and financial burden associated with diabetes care among geriatric patients
9	Udita Grover (50BB20A61009)	PHFI-IIPH, Delhi	Validating the telephonic version of Montreal Cognitive Assessment (MoCA) (Hindi) screening tool for the detection of mild cognitive impairment in geriatric patients – a cross-sectional study
10	Sreelakshmi P R (50BB20A61011)	PHFI-IIPH, Delhi	Swallowing specific quality of life and overall health related quality of life in oral cavity and oropharyngeal cancer patients post treatment: A hospital based cross sectional study



# Ph.D. Degree Theses

## Biological Sciences:

S. No.	Name of the student (Enrollment Number) & date of award of degree	AcSIR Academic Centre/Associate Academic Centre	Name of the Supervisor	Title of Thesis
1	Shakti Sagar (10BB18A02002) & 07.04.2022	CSIR-IGIB, New Delhi	Dr. 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
2	Abhinav Jain (10BB16A02001) & 07.04.2022	CSIR-IGIB, New Delhi	Dr. Vinod Scaria	Genomic approaches for understanding the genetic landscape and genetic epidemiology of primary immunodeficiency disorders
3	Sreelekshmi Mohan (10BB16A39017) & 07.04.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Raghu K.G.	Investigation on adverse biochemical alterations in HepG2 cells during hyperinsulinemia and possible reversal with vanillic acid
4	Shrikant Karegaonkar (10BB14J26021) & 07.04.2022	CSIR-NCL, Pune	Dr. Thulasiram H V	Chemical and De novo Transcriptomic Analysis of medicinal plants, Amomum aculeatum Roxb. and Couroupita guianensis Aubl.
5	Athar Husain (10BB18A04003) & 07.04.2022	CSIR-CDRI, Lucknow	Dr. Jiaur Rahman Gayen	Pharmacokinetic and herb-drug interaction studies of conventional drugs coadministered with herbal extracts/products
6	Nalban Nasiruddin (10BB16A18065) & 07.04.2022	CSIR-IICT, Hyderabad	Dr. Sistla Ramakrishna	Evaluation of selected phytochemicals against cardiovascular diseases by targeting oxidative stress and inflammation in rodent models
7	Sonam Paliya (10BB17A27010) & 07.04.2022	CSIR-NEERI, Nagpur	Dr. Suresh Kumar M.	Studies on contamination and microbial degradation of polybrominated diphenyl ethers (PBDEs)
8	Tanveer Ahmad (10BB16A37004) & 07.04.2022	CSIR-IIIM, Jammu	Dr. Syed Riyaz-Ul-Hassan	Diversity, community structure and plant growth-promoting potential of bacterial



				endophytes associated with <i>Crocus sativus</i> Linn.
9	Vikram Patial (10BB17A33015) & 07.04.2022	CSIR-IHBT, Palampur	Dr. Y S Padwad	Studies on the renoprotective effects of selected medicinal plants and underlying molecular mechanism
10	Rangani Jaykumar Rameshbhai (10BB15A16012) & 08.04.2022	CSIR-CSMCRI, Bhavnagar	Dr. Asish Kumar Parida	Comparative proteomics and metabolomics studies in the xero-halophyte <i>Salvadora Persica</i> L. for elucidation of drought tolerance mechanisms
11	Sonia Agrawal (10BB16A26039) & 08.04.2022	CSIR-NCL, Pune	Dr. Dhiman Mrinal Sarkar	Characterization of nitrite induced viable but non-cultivable <i>Mycobacterium tuberculosis</i> bacilli
12	Singam Amarnath Ram (10BB14A26041) & 08.04.2022	CSIR-NCL, Pune	Dr. Rathna VN Gundloori	Studies on development of polymeric nano-systems for delivery of anti-cancer bioactive molecules
13	Aditya Kumar Nagori (10BB16J02001) & 21.04.2022	CSIR-IGIB, New Delhi	Dr. Anurag Agrawal	Critical event prediction in critically ill patients and asthmatic children: Leveraging artificial intelligence and domain expertise
14	Rajnandani Kashyap (10BB16A18066) & 21.04.2022	CSIR-IICT, Hyderabad	Dr. Anthony Addlagatta	Structural and functional characterization of $\beta$ -barrel proteins involved in inter-molecular Diels-Alder reaction
15	Vinay Kumar Yadav (10BB16A22017) & 21.04.2022	CSIR-IITR, Lucknow	Dr. Devendra Parmar	A study on polymorphism in drug metabolizing enzymes influencing susceptibility to head and neck cancer and treatment outcome
16	Jasmin G. Russel (10BB15A39017) & 21.04.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Krishnakumar B.	Development and scale-up of bioremediation technology for perchlorate contaminated water and soil
17	Tanveer Ahmad Malik (10BB16A37002) & 21.04.2022	CSIR-IIIM, Jammu	Dr. Sheikh Tasduq Abdullah	Deciphering molecular basis of UV-B induced skin photodamage in experimental models: Therapeutic role of plant based alkaloid, IIIM-TG
18	Bhaskar Shukla (10BB17J10001) & 21.04.2022	CSIR-CIMAP, Lucknow	Dr. Ajit Kumar Shasany	To Identify long-coding RNAs in medicinal and aromatic plants
19	Gideon Oyeshina Oyeku (10BB18J16001) & 21.04.2022	CSIR-CSMCRI, Bhavnagar	Dr. Subir Kumar Mandal	Studies on the effect of abiotic factors on the growth kinetics of <i>Prorocentrum lima</i>
20	walke Prachi Bhalchandra (10BB14A26039) & 21.04.2022	CSIR-NCL, Pune	Dr. Mahesh Kulkarni	Molecular investigation of glycated insulin induced insulin resistance and hyperglycemia induced beta cell dysfunction



<b>21</b>	Tulika Srivastava (10BB15A22015) & 25.04.2022	CSIR-IITR, Lucknow	Dr. Dr. Smriti Priya	Molecular dissection of $\alpha$ -synuclein aggregation pathway in response to rotenone
<b>22</b>	Ankita Dave (10BB16A16011) & 25.04.2022	CSIR- CSMCRI, Bhavnagar	Dr. Pradeep Kumar Agarwal	Functional characterization of AIHKT2; 1 promoter and its regulatory sequences from halophyte <i>Aeluropus lagopoides</i>
<b>23</b>	Umar Gani (10BB15J37004) & 25.04.2022	CSIR-IIIM, Jammu	Dr. Prashant Misra	Identification and functional characterization of MATE transporter genes in the context of flavonoid transport in <i>Nicotiana tabacum</i>
<b>24</b>	Janani R (10BB17A08001) & 25.04.2022	CSIR-CFTRI, Mysuru	Dr. Baskaran V.	Modulation of hyperglycemia induced oxidative stress-mediated retinal angiogenesis with astaxanthin in vitro and in vivo
<b>25</b>	Shailendra Yadav (10BB16A04015) & 27.04.2022	CSIR-CDRI, Lucknow	Dr. Neena Goyal	Functional characterization of chaperonin TCP1 $\gamma$ (HSP60) of <i>Leishmania donovani</i>
<b>26</b>	Kritee Mehdiratta (10BB15A02016) & 28.04.2022	CSIR-IGIB, New Delhi	Dr. Vivek T Natarajan	Kupyrphores are counter regulatory zinc homeostatic metallophores required for <i>Mycobacterium tuberculosis</i> colonization
<b>27</b>	Tejosmita Sen (10BB16A38018) & 28.04.2022	CSIR-NEIST, Jorhat	Dr. Anil Kumar Singh	Delineating of molecular mechanism of therapeutics against clinically important efflux pump proteins in drug resistant mycobacteria
<b>28</b>	Veeresh Toragall (10BB17J08005) & 28.04.2022	CSIR-CFTRI, Mysuru	Dr. Baskaran V.	Development of lutein nanocarrier and evaluation of its effect on retinal angiogenesis in the hyperglycaemic animal model
<b>29</b>	Vinayak Hegde (10BB15J08007) & 05.05.2022	CSIR-CFTRI, Mysuru	Dr. Nandini C D	Rational design of antibacterial molecules by targeting Rel proteins of food borne pathogens
<b>30</b>	Susmitha. A (10BB15A39018) & 05.05.2022	CSIR-NIIST, Thiruvananthapuram	Dr. K. Madhavan Nampoothiri	Molecular identification and insights into the structural functional characterization of Sortase E transpeptidase of <i>Corynebacterium glutamicum</i>
<b>31</b>	Divya Gupta (10BB17J37005) & 08.05.2022	CSIR-IIIM, Jammu	Dr. Sheikh Tasduq Abdullah	Discovery and mechanistic studies of plant based products as photo-protective agents against experimental skin photodamage.
<b>32</b>	Shweta Devi (10BB15A22011) & 10.05.2022	CSIR-IITR, Lucknow	Dr. Smriti Priya	Study of cellular stress response induced by pesticide-protein interactions



33	Aishwarya Jaiswal (10BB14A08016) & 10.05.2022	CSIR-CFTRI, Mysuru	Dr. Jyothi Lakshmi A	Enhancing the bioavailability of micronutrients in complementary foods through technological intervention
34	Archana Devi (10BB15A04002) & 10.05.2022	CSIR-CDRI, Lucknow	Dr. Gopal Gupta	Cell signaling events governing survival and quiescence of sperm in cauda epididymis and initiation of motility at ejaculation
35	Jagriti Shukla (10BB15A22006) & 24.05.2022	CSIR-IITR, Lucknow	Dr. Manoj Kumar	A study on the role of endophytic fungus <i>Serendipita indica</i> in tolerance and mobilization of arsenic in host plant
36	Ravichandra Korasapati (10BB14J18075) & 24.05.2022	CSIR-IICT, Hyderabad	Dr. Prakasha m Reddy Shetty	Enzymatic production of xylooligosaccharides (XOS) from sorghum biomass using xylanase complex from <i>Aspergillus fumigatus</i> RSP-8 (MTCC 12039) and evaluation of their prebiotic potential
37	VILLAYAT ALI (10BB16J37004) & 24.05.2022	CSIR-IIIM, Jammu	Dr. Dhiraj Kumar Vyas	Biochemical and molecular studies to understand glucosinolate metabolism in <i>Lepidium Latifolium</i> L.
38	Sumit Singh (10BB17J37012) & 24.05.2022	CSIR-IIIM, Jammu	Dr. Bikarma Singh	Floristic inventory through eco-taxonomy and ethnobotanical studies of Bani Valley and Sarthal Hill of district Kathua (Jammu & Kashmir)
39	Swati Sharma (10BB15A02036) & 24.05.2022	CSIR-IGIB, New Delhi	Dr. Naveen Arora	Functional aspects of <i>Periplaneta americana</i> allergen
40	Tina Sharma (10BB14J20001) & 24.05.2022	CSIR-IMTECH, Chandigarh	Dr. Anshu Bhardwaj	Insights into drug resistance mechanisms of <i>Acinetobacter baumannii</i> through data driven genomics and systems biology approaches
41	Sanchita Gupta (10BB16A04013) & 24.05.2022	CSIR-CDRI, Lucknow	Dr. Anil N Gaikwad	Adipocyte biology and chronic hyperinsulinemia induced insulin resistance: Deciphering functional role of mitochondrial circular RNA in hMSC derived adipocytes
42	Sachin Kumar (10BB17J33008) & 24.05.2022	CSIR-IHBT, Palampur	Dr. Rituraj Purohit	Improving the biophysico-chemical properties of the industrially important superoxide dismutase enzyme by in-silico and experimental approaches
43	Shilpi Singh (10BB16J10006) & 24.05.2022	CSIR-CIMAP, Lucknow	Dr. Suaib Luqman	Target based intervention in biochemical pathways by selected flavonoids in cancer chemoprevention



<b>44</b>	Pankaj Kumar (10BB17J37014) & 24.05.2022	CSIR-IIIM, Jammu	Dr. Sumeet Gairola	Botanical and molecular standardization of high-value raw plant drugs from Western Himalaya
<b>45</b>	Rakesh Kumar (10BB15J20001) & 24.05.2022	CSIR- IMTECH, Chandigarh	Dr. Anshu Bhardwaj	A binary fingerprint based technology platform for genotype-phenotype association towards personalized medicine
<b>46</b>	Snigdha Gupta (10BB15A22013) & 08.06.2022	CSIR-IITR, Lucknow	Dr. Ravi Ram Kristipati	Drosophila based studies on the role of Estrogen related receptor in male fertility and di- butyl phthalate mediated male reproductive toxicity
<b>47</b>	Kubavat Denishkumar Manhardas (10BB14A16022) & 08.06.2022	CSIR- CSMCRI, Bhavnagar	Dr. Arup Ghosh	Response of maize to chitosan derived nano-particle based fertilizer formulation and its effect on soil parameters
<b>48</b>	Ashish Dogra (10BB16A37003) & 08.06.2022	CSIR-IIIM, Jammu	Dr. Utpal Nandi	Exploring the role of plant- based natural products on pharmacokinetic modulation of drugs for augmented efficacy & better tolerability
<b>49</b>	Shobha Singh (10BC14J25009) & 08.06.2022	CSIR-NBRI, Lucknow	Dr. Manjoosh a Srivastava	Phytochemical investigation of Sesbania seed with emphasis on modification of its gum
<b>50</b>	Stanzin Dawa (10BB14A02034) & 08.06.2022	CSIR-IGIB, New Delhi	Dr. Sheetal Gandotra	Role of granuloma triglycerides in Mycobacterium tuberculosis infection
<b>51</b>	Devesh Kesharwani (10BB15A02011) & 08.06.2022	CSIR-IGIB, New Delhi	Dr. Malabika Datta	Regulation of the epigenetic modifiers, DNA methyltransferase (DNMT) by microRNAs in the skeletal muscle during diabetes
<b>52</b>	Bharti Arora (10BB15A02010) & 08.06.2022	CSIR-IGIB, New Delhi	Dr. Naveen Arora	Immunobiochemical studies on tree pollen allergen of Prosopis juliflora
<b>53</b>	Mohd. Azhar (10BB15A02018) & 08.06.2022	CSIR-IGIB, New Delhi	Dr. Souvik Maiti	CRISPR based approach for detection and genome editing of sickle cell disease in patient derived pluripotent stem cells
<b>54</b>	Shivangi (10BB16A02018) & 08.06.2022	CSIR-IGIB, New Delhi	Dr. Laxman Singh Meena	To study the essentiality and functionality of GTP/ATP binding protein in survival and pathogenesis of Mycobacterium tuberculosis H37Rv
<b>55</b>	Nikita Dhauni (10BB16A25005) & 08.06.2022	CSIR-NBRI, Lucknow	Dr. Puneet Singh Chauhan	Plant growth-promoting rhizobacteria mediated nutrient stress management in Oryza sativa L.



56	Sumit Kumar Singh (10BB16A04018) & 08.06.2022	CSIR-CDRI, Lucknow	Dr. D.K. Mishra	Study on climatic variations of carbazole alkaloids in <i>Murraya koenigii</i> and enrichment of their concentration through biotic and abiotic stress
57	Abhilasha Srivastava (10BB18J10007) & 16.06.2022	CSIR-CIMAP, Lucknow	Dr. Anil Kumar Gupta	Genetic diversity and inheritance pattern of yield and yield related traits in <i>Papaver somniferum</i> L.
58	Rawat Jyoti Triloksingh (10BB17J26054) & 30.06.2022	CSIR-NCL, Pune	Dr. Mugdha Gadgil	Towards improving cell culture processes for biotherapeutic production: novel tools and strategies
59	Yasmeen Kauser (10BB15J02009) & 30.06.2022	CSIR-IGIB, New Delhi	Dr. Vinod Scaria	Elucidating role of novel long non-coding RNA TMEM246-AS1 associated with triglycerides
60	Yogita Bhatt (10BB14A08017) & 30.06.2022	CSIR-CFTRI, Mysuru	Dr. Jyothi Lakshmi A	Formulation of cereal-based breakfast mixes with modulated starch digestibility for regulation of hyperglycaemia
61	Aparna Singh Kushwaha (10BB15A22002) & 30.06.2022	CSIR-IITR, Lucknow	Dr. Manoj Kumar	A study on the role of endophytic fungus <i>Serendipita indica</i> in phosphorus solubilization and its utilization under arsenic stress
62	Amrita Ray (10BB16J08009) & 30.06.2022	CSIR-CFTRI, Mysuru	Dr. Alok K Srivastava	Fractionation of quinoa ( <i>Chenopodium quinoa</i> ) using roller milling for their nutritional utilization in food product development
63	Johni Debbarma (10BB17A38016) & 30.06.2022	CSIR-NEIST, Jorhat	Dr. Channake shavaiah Chikkaput taiah	Expression analysis, cell biology and CRISPR/Cas9 genome editing of XSP10 and SISAMT genes for fusarium wilt disease tolerance in <i>Solanum lycopersicum</i> L.
64	Aanchal Gupta (10BB15A02002) & 30.06.2022	CSIR-IGIB, New Delhi	Dr. Munia Ganguli	Exploring the role of antifreeze agents as therapeutics for cold induced injuries
65	Prabhakar A (10BB15J02005) & 30.06.2022	CSIR-IGIB, New Delhi	Dr. Vivek Rao	Understanding the role of CMPK2 in macrophage homeostasis
66	M Saikiran Reddy (10BB16A18063) & 30.06.2022	CSIR-IICT, Hyderabad	Dr. Nishant Jain	Role of metabolic enzymes IDH1 and IDH2 in mitosis
67	Monu (10BB18A02003) & 30.06.2022	CSIR-IGIB, New Delhi	Dr. Sagarika Biswas	Identification of disease-associated specific protein to understand RA pathogenesis and diagnosis development
68	Snigdha Saikia (10BB15J38011) & 30.06.2022	CSIR-NEIST, Jorhat	Dr. Dipanwita Banik	Studies on selected angiospermic plants of Assam and their activity against a few pathogenic microorganisms



69	Varsha Jha (10BB17A27015) & 30.06.2022	CSIR-NEERI, Nagpur	Dr. Nishant Arunrao Dafale	Phosphate level dependent colonization and performance of microbial community
70	Rajesh Kona (10BB15A18055) & 30.06.2022	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Gene expression analysis, process optimization and CRISPR-Cas9 genome engineering using isolated photosynthetic organisms for nutraceuticals production
71	Shamala Mane (10BB17A26049) & 01.07.2022	CSIR-NCL, Pune	Dr. Bhushan Chaudhari	Chitosan from zygomycetous fungus, <i>Benjaminiella poitrasii</i> : Scale up for biomass production and biophysical characterization of biopolymer
72	Sameer Ullah Khan (10BB17A37018) & 06.07.2022	CSIR-IIIM, Jammu	Dr. Fayaz Ahmed Malik	Investigating and targeting the cell survival mechanism of anoikis resistant cancer cells
73	Deep Mala (10BB13J33001) & 06.07.2022	CSIR-IHBT, Palampur	Dr. Sanjay Kumar	Gene prospection from <i>Rheum australe</i> D. Don for tolerance to abiotic stresses
74	Pratikshkumar Patel (10BB15J26033) & 07.07.2022	CSIR-NCL, Pune	Dr. Rathna VN Gundloori	Design and development of non-woven nanofibers as drug delivery system
75	Monika Verma (10BB15A02020) & 12.07.2022	CSIR-IGIB, New Delhi	Dr. Kausik Chakrabo rty	To generate the redox potential map of a zebrafish embryo
76	Vamsi Bhardwaj S V (10BB14A16026) & 12.07.2022	CSIR- CSMCRI, Bhavnagar	Dr. Sandhya Mishra	Development of metabolite sensor & its application in improvement of <i>Synechococcus</i> sp PCC 7942 for biofuel production
77	Jyoti Vishwakarma (10BB15A04004) & 12.07.2022	CSIR-CDRI, Lucknow	Dr. R. Ravishank ar	Structural and functional characterization of various proteinaceous drug targets from human pathogens
78	Upendra Kumar Pradhan (10BB17J33002) & 13.07.2022	CSIR-IHBT, Palampur	Dr. Ravi Shankar	High throughput sequencing data guided discovery of RBP- miRNA interactions
79	Indrani Baruah (10BB17J38008) & 21.07.2022	CSIR-NEIST, Jorhat	Dr. Channake shavaiah Chikkaput taiah	Unraveling the role of <i>At</i> ELF4A- III, a DEAD-box RNA helicase gene and <i>At</i> ALY4, an mRNA export factor gene in multiple abiotic stress responses in the <i>Arabidopsis thaliana</i>
80	Anshika Singh (10BB18A27015) & 21.07.2022	CSIR-NEERI, Nagpur	Dr. Kanchan Kumari	Food waste treatment using black soldier fly larvae: A dipteran larva
81	Naresh Singh (10BB19J02001) & 21.07.2022	CSIR-IGIB, New Delhi	Dr. Naveen Arora	Study on molecular aspects of diesel exhaust exposure on lung health



82	Vikas Thakur (10BB18J33007) & 21.07.2022	CSIR-IHBT, Palampur	Dr. Dharam Singh	Microbial and molecular studies for bioprospecting bacterial cellulolytic enzyme from Indian Himalayan niches
83	Sai Kishore Butti (10BB15J18048) & 21.07.2022	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Rewinding the carbon clock with sustainable semi artificial photosynthesis
84	Kamakshi Dandu (10BB14A03002) & 21.07.2022	CSIR-CCMB, Hyderabad	Dr. Ch Mohan Rao	Pyrogallol: A potential therapeutic agent for retinoblastoma
85	Lavhale Santosh Govind (10BB15A26044) & 02.08.2022	CSIR-NCL, Pune	Dr. Ashok Prabhakar Giri	Functional characterization of 4-Coumarate-CoA ligases involved in phenylpropanoid biosynthesis from <i>Ocimum kilimandscharicum</i>
86	Mehboob Ali (10BB16A37008) & 02.08.2022	CSIR-IIIM, Jammu	Dr. Gurdarsha n Singh	Identification, mechanistic investigation and In Vivo validation of small molecule/s inhibiting NLRP3 inflammasome
87	Bhojani Gopalkumar Ranchhodbhai (10BB15J16015) & 02.08.2022	CSIR- CSMCRI, Bhavnagar	Dr. Arup Ghosh	Insight into the effect of seaweed extracts application on peanut productivity and microbial flora
88	Shweta Goyal (10BB15A22012) & 02.08.2022	CSIR-IITR, Lucknow	Dr. Rajnish Kumar Chaturve di	Cellular and molecular mechanism(s) of bisphenol-A mediated effect(s) on mitochondrial biogenesis and dynamics in the rat hippocampus
89	Shubha J R (10BB15A08005) & 02.08.2022	CSIR-CFTRI, Mysuru	Dr. Praveena Bhatt Mudliar	Effect of phytochemicals from selected medicinal plant(s) on probiotic bacteria and their influence on gut health
90	Habeebunnisa Begum (10BB16A18060) & 02.08.2022	CSIR-IICT, Hyderabad	Dr. T. Anjana Devi	Exploring the role of quinoline derivative, 6MN-4-AQ in mediating pancreatic cancer death via autophagy and apoptosis
91	Jyoti (10BB18A02001) & 02.08.2022	CSIR-IGIB, New Delhi	Dr. Anurag Agrawal	Understanding the role of endoplasmic reticulum (ER) and mitochondrial calcium signaling in pigmentation
92	Saurabh Pal (10BB15J22008) & 02.08.2022	CSIR-IITR, Lucknow	Dr. Kausar Mahmood Ansari	Evaluation and understanding of patulin-induced renal toxicity
93	Abhishek Kumar Nautiyal (10BB15A37001) & 02.08.2022	CSIR-IIIM, Jammu	Dr. Prashant Misra	Identification & characterization of transcription factor genes expressing in trichomes of <i>Nicotiana tabacum</i>



<b>94</b>	Heena Agarwal (10BB19J04043) & 02.08.2022	CSIR-CDRI, Lucknow	Dr. Manoj Kumar Barthwal	Exploration of mechanisms and leads for the management of vascular remodelling and inflammation in cardio- metabolic diseases
<b>95</b>	Sanjeev Kumar Yadav (10BB17A22004) & 02.08.2022	CSIR-IITR, Lucknow	Dr. Devendra Parmar	A study on role and regulation of MicroRNAs (miRNAs) in Parkinson's disease
<b>96</b>	Rahul Chakraborty (10BB16A02013) & 02.08.2022	CSIR-IGIB, New Delhi	Dr. Shantanu Sengupta	Effect of toxic metabolites of one carbon metabolism
<b>97</b>	Abhilek Kumar Nautiyal (10BB15A19006) & 16.08.2022	CSIR-IIP, Dehradun	Dr. Debashish Ghosh	Bacterial cytochrome P450 based protein engineering approach to biotransformation of PAH/FA
<b>98</b>	Sudin Kumar Pandey (10BB17J38011) & 16.08.2022	CSIR-NEIST, Jorhat	Dr. Mohan Lal	Genetic improvement of patchouli ( <i>Pogostemon cablin benth.</i> ) by using induced mutation
<b>99</b>	Ayushi Dalmia (10BB16J08006) & 16.08.2022	CSIR-CFTRI, Mysuru	Dr. Ajay W Tumaney	Role of Acyl-CoA: Diacylglycerol acyltransferase in accumulation of long chain polyunsaturated fatty acids in <i>Aurantiochytrium limacinum</i>
<b>100</b>	Maynk Garg (10BB19J02004) & 16.08.2022	CSIR-IGIB, New Delhi	Dr. Anurag Agrawal	To investigate the role of mitochondrial DAMPs in influencing the epithelial barrier integrity and the immune response in acute lung injury
<b>101</b>	Priti Prasad (10BB15A25003) & 18.08.2022	CSIR-NBRI, Lucknow	Dr. Sumit Kumar Bag	Data mining of fiber specific features in cotton at different fiber developmental stages
<b>102</b>	Samiksha Kukal (10BB15A02028) & 18.08.2022	CSIR-IGIB, New Delhi	Dr. Ritushree Kukreti	Effect of antiepileptic drugs on regulation of blood-brain barrier multidrug transporter proteins
<b>103</b>	Kallure Gopal Subhashrao (10BB15J26035) & 18.08.2022	CSIR-NCL, Pune	Dr. Ashok Prabhakar Giri	Deciphering role of different diet on Herbivore oral constituents and their role in modulating plant defense
<b>104</b>	Yeshvanthi Singh (10BB15J08001) & 18.08.2022	CSIR-CFTRI, Mysuru	Dr. Ajay W Tumaney	Identification and evaluation of acyltransferase inhibitors from edible plant sources for management and prevention of obesity
<b>105</b>	Lijo John (10BB18A18065) & 22.08.2022	CSIR-IICT, Hyderabad	Dr. Garikapati Narahari Sastry	Development, screening, and mining of chemical databases: Integrating molecular modeling, machine learning, and statistical approaches
<b>106</b>	M.V. Rohith (10BB14A18013) & 22.08.2022	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Tropho-metabolic regime influence on biochemical profile and photosynthetic



				performance of <i>Chlorella sorokiniana</i>
107	Ashwini Satyajit Rane (10BB17A26054) & 22.08.2022	CSIR-NCL, Pune	Dr. Ashok Prabhakar Giri	Molecular characterization and differential inhibition specificities of amaranthaceae $\alpha$ -amylase inhibitors
108	Twahira Begum (10BB18A38011) & 22.08.2022	CSIR-NEIST, Jorhat	Dr. Mohan Lal	Assessment of morphological and molecular variability of Ginger ( <i>Zingiber officinale</i> Rosc.) germplasm collected from North-East India
109	Ritu (10BB16J10011) & 22.08.2022	CSIR-CIMAP, Lucknow	Dr. Anil Kumar Gupta	Assessment of genetic diversity in <i>Curcuma longa</i> L. germplasm through morphological, biochemical and molecular characterization
110	Parate Roopa Dhanraj (10BB16A26035) & 22.08.2022	CSIR-NCL, Pune	Dr. Chandrashekhar Rode	Bioconversion of biomass derived C3 and C6 molecules to value added products
111	Brahmbhatt Hemang Dineshbhai (10BB17A02004) & 23.08.2022	CSIR-IGIB, New Delhi	Dr. Archana Singh	Understanding cellular and molecular perturbations in keratinocytes in vitiligo
112	Arpita Ghosh (10BB18J02002) & 23.08.2022	CSIR-IGIB, New Delhi	Dr. Souvik Maiti	The role of G-quadruplex structure in the long non-coding RNA MALAT1
113	Sanjay Kumar (10BB18A04018) & 23.08.2022	CSIR-CDRI, Lucknow	Dr. R. Ravishankar	Rational identification of new therapeutic approaches and inhibitors against selected human pathogens using in-silico approaches
114	Ravi Saklani (10BB17A04019) & 29.08.2022	CSIR-CDRI, Lucknow	Dr. Manish Kumar Chourasia	Lyotropic liquid crystals for localized intratumoral chemotherapy
115	Patel Jaykumar Mukeshbhai (10BB16A16014) & 29.08.2022	CSIR-CSMCRI, Bhavnagar	Dr. Avinash Mishra	Cloning and characterization of Aquaporin-like gene from an extreme halophyte <i>Salicornia brachiata</i> for abiotic stress tolerance
116	Deeksha Singh (10BB16A25010) & 29.08.2022	CSIR-NBRI, Lucknow	Dr. Prabodh Kumar Trivedi	Functional characterization of factor(s) regulating flavonoid biosynthesis in <i>Nicotiana tabacum</i>
117	Diksha Raina (10BB18A37002) & 31.08.2022	CSIR-IIIM, Jammu	Dr. Inshad Ali Khan	Identification of small molecule inhibitors targeting UDP-N-acetylglucosamine enolpyruvyl transferase (MurA) in <i>Escherichia coli</i>



118	Sonam Chandra (10BB15J22009) & 31.08.2022	CSIR-IITR, Lucknow	Dr. Ratan Singh Ray	Phototoxicity mechanism of fragrances under the exposure of UV-R/Sunlight
119	Syed Mudabir Ahmad (10BB17J37015) & 05.09.2022	CSIR-IIIM, Jammu	Dr. Anindya Goswami	Elucidating the role of tumor suppressor Par-4 in the inhibition of chemoresistance attributable to EMT and its effects on Hypoxia Inducible Factor-HIF-1a thereof
120	Anupama Kumari (10BB15A02008) & 05.09.2022	CSIR-IGIB, New Delhi	Dr. Munia Ganguli	Development of mucus penetrating nanocomplexes (MPNc) and therapeutic nucleic acid delivery through MPNc to prevent silicosis
121	S. R. Jaisheela Marry (10BB16J08010) & 05.09.2022	CSIR-CFTRI, Mysuru	Dr. Alok Kumar Srivastava	Development and validation of miniaturized bioactive compounds through its incorporation in wheat based food product targeting liver disease
122	Shubha Sharma (10BB16J10003) & 05.09.2022	CSIR-CIMAP, Lucknow	Dr. Sumit Ghosh	Understanding the molecular and biochemical basis of pentacyclic triterpene biosynthesis in Ocimum species and triterpene pathway reconstruction in Saccharomyces cerevisiae
123	Neha Bansal (10BB16A19005) & 08.09.2022	CSIR-IIP, Dehradun	Dr. Debashish Ghosh	Feasibility assessment of yeast single cell oil as edible oil blend
124	Kongkana Goswami (10BB17J38006) & 08.09.2022	CSIR-NEIST, Jorhat	Dr. Ratul Saikia	Mining of cellulose degrading bacteria from rainforest area of Assam for the prospect of industrial application
125	Sangita Sarma (10BB17A38017) & 12.09.2022	CSIR-NEIST, Jorhat	Dr. Anil Kumar Singh	Resistome characterization of clinically relevant enteric bacteria for $\beta$ -lactam antibiotics resistance
126	Mohamed Anis A (10BB15J08003) & 16.09.2022	CSIR-CFTRI, Mysuru	Dr. Sreerama YN	Inhibitory effects of barnyard millet phenolic compounds on the advanced glycation end product formation and diabetic retinopathy
127	Tushar Dubey (10BB15A26043) & 16.09.2022	CSIR-NCL, Pune	Dr. Subhash Chandra Handabose Chinnathambi	Photosensitizers and natural compounds attenuate the Tau aggregation and restore the signalling cascades of Tau
128	Shikha (10BB16A18069) & 16.09.2022	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Bioprocessing of waste into short/medium chain fatty acids, 1,3-propanediol and bio-hydrogen



<b>129</b>	Neha Kanojia (10BB15J02002) & 16.09.2022	CSIR-IGIB, New Delhi	Dr. Ritushree Kukreti	Evaluating the molecular basis of gene encoding Cytochrome P450 family 1 enzymes mediated estrogen metabolism and their implication in epilepsy
<b>130</b>	Pramod G N (10BB16A08002) & 16.09.2022	CSIR-CFTRI, Mysuru	Dr. Poornima Priyadarshi ni CG	Evaluation of nanoencapsulated eugenol for its effect on tau aggregation and related cellular markers of Alzheimer's disease
<b>131</b>	Komati Anusha (10BB18J18025) & 21.09.2022	CSIR-IICT, Hyderabad	Dr. Ashok Kumar Tiwari	Investigation of antihyperglycemic potential and possible mechanisms of action in Bombax ceiba L. calyces: phytometabolomic approach
<b>132</b>	Samatha Mathew (10BB16A02017) & 21.09.2022	CSIR-IGIB, New Delhi	Dr. Sridhar Sivasubbu	Role of long non coding RNA in maintaining vascular integrity in Zebrafish
<b>133</b>	Sushant Bhattacharya (10BB15J02008) & 21.09.2022	CSIR-IGIB, New Delhi	Dr. Malabika Datta	Elucidating the role of miRNAs in delayed wound healing in Diabetes
<b>134</b>	Nimisha Anant Parekh (10BB17A26048) & 21.09.2022	CSIR-NCL, Pune	Dr. Anuya Nisal	Performance enhancing strategies for silk fibroin based 3D biomaterial for bone tissue engineering
<b>135</b>	Mithlesh Kumar Singh (10BB16A25008) & 27.09.2022	CSIR-NBRI, Lucknow	Dr. P.K. Singh	Analysis of transgenic cotton lines expressing Tma12 under control of inducible promoters
<b>136</b>	Esther Jamir (10BB18A38014) & 27.09.2022	CSIR-NEIST, Jorhat	Dr. Garikapati Narahari Sastry	Computational design of therapeutics for viral infectious diseases
<b>137</b>	Abhishek Gour (10BB16A37007) & 28.09.2022	CSIR-IIIM, Jammu	Dr. Utpal Nandi	Understanding the role of phytochemicals on the pharmacokinetics of hydroxyurea for improved efficacy and reduced toxicity in sickle cell disease
<b>138</b>	Palak Daga (10BB16J08005) & 04.10.2022	CSIR-CFTRI, Mysuru	Dr. Ajay W Tumaney	Isolation, characterization and nutraceutical profiling of fixed oil from Indian spices
<b>139</b>	Khushboo (10BB16A02009) & 04.10.2022	CSIR-IGIB, New Delhi	Dr. Mitali Mukerji	Understanding the role of Alu repeats in the human genome - Insertion polymorphisms and potential functional consequences
<b>140</b>	Dilip Menon P (10BB16J02002) & 04.10.2022	CSIR-IGIB, New Delhi	Dr. Sheetal Gandotra	Role of ARL8B in lipid droplet homeostasis



<b>141</b>	Shinde Ambika Hemant (10BB17A16009) & 04.10.2022	CSIR-CSMCRI, Bhavnagar	Dr. Soumya Haldar	Antibiotic resistance problem in coastal waters of Gujarat and use of probiotics for remediation of water quality
<b>142</b>	Bhavana Kushwaha (10BB16A04005) & 04.10.2022	CSIR-CDRI, Lucknow	Dr. Gopal Gupta	Molecular pathogenesis of prostate cancer caused by the sexual transmission of Trichomonas vaginalis and its control by novel agents
<b>143</b>	Ambika (10BB16A33012) & 07.10.2022	CSIR-IHBT, Palampur	Dr. Dharam Singh	Bioprospecting laccase-producing bacteria for dye decolorization and lignin valorization from Indian Himalayan niches
<b>144</b>	Godan T. K. (10BB19J39003) & 07.10.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Binod Parameswaran	Bioprocess designing for the synthesis of 2,5 Furandicarboxylic acid and its life cycle assessment
<b>145</b>	Babita Choudhary (10BB16A16013) & 14.10.2022	CSIR-CSMCRI, Bhavnagar	Dr. Avinash Mishra	Characterization and biochemical analysis of polysaccharides extracted from selected seaweeds along Gujarat coast
<b>146</b>	Ankita Sharma (10BB17A37010) & 14.10.2022	CSIR-IIIM, Jammu	Dr. Gurdarshan Singh	AMPK mediated induction of autophagy for clearance of amyloid beta in Alzheimer disease
<b>147</b>	Natani Sirisha (10BB18J18027) & 14.10.2022	CSIR-IICT, Hyderabad	Dr. Ramesh Ummanni	Unraveling the molecular mechanisms involved in neuroendocrine differentiation of prostate cancer
<b>148</b>	Dey Sanchita Sanchaya (10BB15J02006) & 20.10.2022	CSIR-IGIB, Delhi	Dr. Bhupesh Taneja	Understanding the pH regulatory mechanism in anthropophilic fungus Trichophyton rubrum
<b>149</b>	Sudharshan. J (10BB17A18046) & 20.10.2022	CSIR-IICT, Hyderabad	Dr. Gangagni Rao Anupoju	Significance of additive materials in the anaerobic digestion process for the generation of methane rich biogas from organic wastes
<b>150</b>	Krishna Bhan Singh (10BB19J04044) & 20.10.2022	CSIR-CDRI, Lucknow	Dr. Divya Singh	Optimization of combination therapy of bone anabolic parathyroid with an anti-resorptive agent for management of osteoporosis
<b>151</b>	Kharche Shalmali Arvind (10BB15A26041) & 20.10.2022	CSIR-NCL, Pune	Dr. Durba Sengupta	Conformational dynamics and interaction landscapes of chemokine-receptor complexes
<b>152</b>	Swami Sagar Shivanand (10BB17J26055) & 21.10.2022	CSIR-NCL, Pune	Dr. Dhiman Mrinal Sarkar	Biological evaluation of novel small molecule inhibitors against Mycobacterium tuberculosis



<b>153</b>	Jyoti Chhimwal (10BB17J33009) & 27.10.2022	CSIR-IHBT, Palampur	Dr. Yogendra Shantaram Padwad	Phloretin as an intervention targeting autophagy and modulation of gut microbiota in the management of Non-Alcoholic Fatty Liver Disease (NAFLD)
<b>154</b>	Imran Ahmad (10BB15A22005) & 27.10.2022	CSIR-IITR, Lucknow	Dr. Manoj Kumar	A study on the effect of endofungal bacterium Rhizobium species association on host plant under arsenic stress
<b>155</b>	Pillai Meenakshi Shankarnarayanan (10BB16A26037) & 27.10.2022	CSIR-NCL, Pune	Dr. Santosh Kumar Jha	Mapping the energy landscape of amyloid-like aggregation of the nucleic acid binding domain of TDP-43
<b>156</b>	Shashi Arya (10BB17A27013) & 28.10.2022	CSIR-NEERI, Nagpur	Dr. Sunil Kumar	Selective and cost-effective resource recovery from waste printed circuit boards and development of concrete brick cubes from e-waste plastics
<b>157</b>	Chaitra Rai (50BB15A08007) & 28.10.2022	CSIR-CFTRI, Mysuru	Dr. Poornima Priyadarshini C G	Anti-adipogenic and anti-obesity activity of bovine milk bioactives in 3T3L1 preadipocytes and in diet-induced obese mice
<b>158</b>	Pallavi Sharma (10BB16A33006) & 31.10.2022	CSIR-IHBT, Palampur	Dr. Damanpreet Singh	Development of citrus fruit-based nutraceutical and preclinical evaluation in epilepsy models
<b>159</b>	Pawan Kumar (10BB15A02023) & 31.10.2022	CSIR-IGIB, Delhi	Dr. Bhupesh Taneja	Exploring drug resistance mechanism against terbinafine in Trichophyton spp.
<b>160</b>	Dewasya Pratap Singh (10BB16J10014) & 04.11.2022	CSIR-CIMAP, Lucknow	Dr. Ashutosh K. Shukla	Studies on traditionally-used medicinal plants towards development of a hepatoprotective formulation
<b>161</b>	Viren Sardana (10BB15J02010) & 04.11.2022	CSIR-IGIB, New Delhi	Dr. Anurag Agrawal	Pattern recognition and data analysis in diagnosis of lung disease
<b>162</b>	Jamal Ahmad Ansari (10BB15A22007) & 04.11.2022	CSIR-IITR, Lucknow	Dr. Debabrata Ghosh	Effect of developmental arsenic exposure on phenotypic transition of microglia and its consequences in mouse brain
<b>163</b>	Arpita Singh (10BB14J25007) & 04.11.2022	CSIR-NBRI, Lucknow	Dr. Puneet Singh Chauhan	Study on quorum sensing mechanism of stress tolerant plant growth promoting rhizobacteria for improving Zea mays productivity under drought stress
<b>164</b>	Nasima Bano (10BB17J37002) & 14.11.2022	CSIR-IIIM, Jammu	Dr. Dr. Mohd Jamal Dar	Generation of IR deletions and point mutants of critical residues to examine their subcellular



				localization, cytoplasmic and nuclear activities
<b>165</b>	Shashyendra Gautam (10BB16A22007) & 18.11.2022	CSIR-IITR, Lucknow	Dr. Sheelendra Pratap Singh	Mass spectrometry based plasma proteomics approach for oral cavity squamous cell carcinoma screening in human volunteers
<b>166</b>	Lakshmi S. (10BB16A39014) & 29.11.2022	CSIR-NIIST, Thiruvanthapuram	Dr. Priya S.	Insights into the mechanism of action of epoxyazadiradione and a pyrazole amide derivative against triple negative breast cancer cells
<b>167</b>	Vikas Dadwal (10BB16A33007) & 29.11.2022	CSIR-IHBT, Palampur	Dr. Mahesh Gupta	Characterization and encapsulation of antioxidant active polyphenols from Citrus spp. and Malus spp. fruits for health benefits
<b>168</b>	Ravi Shankar Kumar (10BB16J25008) & 30.11.2022	CSIR-NBRI, Lucknow	Dr. Prabodh Kumar Trivedi	Identification and functional characterization of arsenic stress-responsive miRNA(s) in Arabidopsis thaliana
<b>169</b>	Amit Kumar (10BB15J37011) & 01.12.2022	CSIR-IIIM, Jammu	Dr. Govind Yadav	Evaluation of immunomodulatory and anti-mutagenic potential of bakuchiol isolated from Psoralea corylifolia
<b>170</b>	Abhyankar Isha Hemant (10BB19J26011) & 01.12.2022	CSIR-NCL, Pune	Dr. Anuya Nisal	Biotransformation of short chain fatty acids into sophorolipids for biomedical applications
<b>171</b>	T. Harini (10BB15A18049) & 01.12.2022	CSIR-IICT, Hyderabad	Dr. Haridas B Rode	Immobilization and biotransformation studies of phytase, Candida antarctica Lipase B (CAL B) & laccase
<b>172</b>	Veenita Tomar (10BB14A25005) & 06.12.2022	CSIR-NBRI, Lucknow	Dr. Manjoosh a Srivastava	Search for potential anticancer leads from different Cassia species
<b>173</b>	Shiv Rattan (10BB17J33012) & 06.12.2022	CSIR-IHBT, Palampur	Dr. Ashish R. Warghat	Identification of molecular cues involved in biosynthesis of specialized metabolites and its enhancement in cell culture of Rhodiola imbricata (Edgew.)
<b>174</b>	Ashok Panda (10BB16A16012) & 12.12.2022	CSIR-CSMCRI, Bhavnagar	Dr. Ashish Kumar Parida	Integration of ionomics, metabolomics and proteomics studies for elucidation of salinity and drought tolerance mechanisms in the xero-halophyte Haloxylon salicornicum
<b>175</b>	Shraddha Pandit (10BB16A22018) & 12.12.2022	CSIR-IITR, Lucknow	Dr. Ramakrishnan	Integrated computational studies on human health risk assessment of plastics associated substances



			Parthasarathi	
176	Subhash Kumar (10BB17J33005) & 12.12.2022	CSIR-IHBT, Palampur	Dr. Dharam Singh	Molecular characterization of L-Asparaginase from <i>Pseudomonas</i> spp. of high-altitude niches in the Western Himalaya
177	Amit Kumar (10BB16A02002) & 14.12.2022	CSIR-IGIB, New Delhi	Dr. Malabika Datta	Regulation of the epigenetic modifier, histone deacetylase (HDAC) by ncRNAs in the skeletal muscle during diabetes
178	Pooja Badhwar (10BB15A02025) & 14.12.2022	CSIR-IGIB, Delhi	Dr. Bhupesh Taneja	Investigation of modulation of cyclic di-guanosine monophosphate signaling in <i>Mycobacteria</i>
179	Priyanka Chauhan (10BB17A25011) & 20.12.2022	CSIR-NBRI, Lucknow	Dr. Aradhana Mishra	Deciphering the protective role of endophytic biomaterial against <i>Macrophomina phaseolina</i>
180	Akanksha Singh (10BB15A08007) & 20.12.2022	CSIR-CFTRI, Mysuru	Dr. Sachin M. Eligar	Isolation, characterization and evaluation of biological activities of Arabinoxylan (AX) and Arabinoxylan Oligosaccharides (AXOS) from Pearl millet bran
181	Parul Gupta (10BB19J04045) & 22.12.2022	CSIR-CDRI, Lucknow	Dr. Sarika	Decoding the neuroprotective mechanism of clinical drugs and exploration of new therapeutic interventions: Implications in Alzheimer's disease
182	Khadim Hussain (10BB17J37007) & 26.12.2022	CSIR-IIIM, Jammu	Dr. Nasheem an Ashraf	Investigating role of MYB genes in regulating secondary metabolism in <i>Crocus Sativus</i> L.
183	Arpita Roy (10BB19A18050) & 27.12.2022	CSIR-IICT, Hyderabad	Dr. Chittaranjan Patra	Pro-angiogenic europium hydroxide nanorods (EHN) for the recovery of heavy metal cadmium-induced vascular endothelial damage, cardiotoxicity and impaired wound healing
184	Richa Garg (10BB18J04020) & 30.12.2022	CSIR-CDRI, Lucknow	Dr. Jiaur Rahaman Gayen	Role of pancreastatin and its inhibitors in Diabetes
185	Ranaprathap Katakojwala (10BB17A18050) & 30.12.2022	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Resource efficient valorisation of agri-waste with biorefinery design and sustainability analysis
186	Darshan D (10BB14A08022) & 30.12.2022	CSIR-CFTRI, Mysuru	Dr. Nandini Prasad Shetty	Studies on the regulatory mechanisms of $\alpha$ -mannosidase and $\beta$ -N-acetyl hexosaminidase during fruit ripening



<b>187</b>	Meera Christopher (10BB17A39027) & 03.01.2023	CSIR-NIIST, Thiruvanthapuram	Dr. Rajeev Kumar Sukumaran	Deciphering hypercellulolysis in <i>Penicillium janthinellum</i> NCIM 1366: Genome, transcriptome and proteome studies
<b>188</b>	Sushmita Singh (10BB17A04021) & 09.01.2023	CSIR-CDRI, Lucknow	Dr. Akhilesh Kumar Tamrakar	Investigating the role of NLRP3 inflammasome in fructose induced peripheral insulin resistance
<b>189</b>	Manupati Hemalatha (10BB17A18045) & 11.01.2023	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Self-sustainable photo-biorefinery for closed loop production of biobased products
<b>190</b>	Gaura Chaturvedi (10BB15A02013) & 11.01.2023	CSIR-IGIB, New Delhi	Dr. Bhavana Prasher	Identification of multi-omic signatures that govern inter-individual variability in antiviral immune response amongst healthy individuals using ayurgenomics approach
<b>191</b>	Aadil Qadir Bhat (10BB17A37007) & 16.01.2023	CSIR-IIIM, Jammu	Dr. Mohd Jamal Dar	Characterization of allosteric inhibitor binding pocket in IGF1R and identification of critical amino acids involved in regulating kinase activity of IGF1R
<b>192</b>	Deepak Panchal (10BB17A27016) & 16.01.2023	CSIR-NEERI, Nagpur	Dr. Sukdeb Pal	Synthesis of metal-based multifunctional nanomaterials for projected applications in water treatment
<b>193</b>	Nayana N. (10BB18A39031) & 16.01.2023	CSIR-NIIST, Thiruvananthapuram	Dr. Nisha P.	Encapsulation of edible lipids for functional food applications: process development and characterization
<b>194</b>	Shudh Kirti Dolma (10BB15A33005) & 18.01.2023	CSIR-IHBT, Palampur	Dr. S.G. Eswara Reddy	Insecticidal activities of <i>Triadica sebifera</i> (L.) small against selected insect pests
<b>195</b>	Mohole Madhura Satish (10BB16J26027) & 18.01.2023	CSIR-NCL, Pune	Dr. Durba Sengupta	Decoding lipid protein interplay: molecular view of neuronal GPCR dynamics and organization
<b>196</b>	Kajal Sinha (10BB17J33006) & 18.01.2023	CSIR-IHBT, Palampur	Dr. Yogendra Shantaram Padwad	Elucidation of the mechanistic role of kutkin in the therapeutic management of type 2 diabetes mellitus
<b>197</b>	J Shanthi Sravan Kumar (10BB17A18044) & 19.01.2023	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Interspecies syntrophy in microbial electrochemical system - regulating electron flux towards energy/chemicals synthesis and metal recovery
<b>198</b>	Nitika Kapoor (10BB16J37009) & 19.01.2023	CSIR-IIIM, Jammu	Dr. Sumit Gandhi	Transcriptome analysis and bioactivity evaluation of <i>Dysoxylum gotadhora</i> and its endophytes



<b>199</b>	Rojali Maharana (10BB16A36001) & 24.01.2023	CSIR-IMMT, Bhubaneswar	Dr. N.K. Dhal	Development of phosphorus rich organomineral fertilizer and effects on plant growth
<b>200</b>	Prince Joshi (10BB19A04005) & 31.01.2023	CSIR-CDRI, Lucknow	Dr. Renu Tripathi	Exploration of host/parasite directed therapies to combat experimental Cerebral Malaria
<b>201</b>	Anil Kumar Rana (10BB16A33014) & 06.02.2023	CSIR-IHBT, Palampur	Dr. Damanpreet Singh	Investigating the efficacy of selected Gsk-3 pathway modulators in cerebral stroke model of ovariectomized rats
<b>202</b>	Avriti Ranjan (10BB17A25004) & 06.02.2023	CSIR-NBRI, Lucknow	Dr. Prabodh Kumar Trivedi	Functional characterization of stress responsive galactinol synthase, AtGolS1, under arsenic stress in Arabidopsis thaliana
<b>203</b>	Reshmitha T. R. (10BB17J39008) & 06.02.2023	CSIR-NIIST, Thiruvananthapuram	Dr. Nisha P.	Nutraceutical potential of lycopene in management of oxidative stress mediated disease conditions
<b>204</b>	Rajesh R. O. (10BB16A39019) & 06.02.2023	CSIR-NIIST, Thiruvananthapuram	Dr. Binod Parameswaran	Whole cell and cell-free synthesis of 2,5-furandicarboxylic acid from pineapple waste
<b>205</b>	Dhanamjai Penta (10BB17J08003) & 06.02.2023	CSIR-CFTRI, Mysuru	Dr. Syed Musthapha M	Combinatorial epigenetic approach against triple-negative breast cancer
<b>206</b>	Grace Kaul (10BB17A04011) & 07.02.2023	CSIR-CDRI, Lucknow	Dr. Sidharth Chopra	Detailed biological characterization of a novel, broad spectrum, antibacterial lipopeptide and repurposing of nitazoxanide as an antibacterial
<b>207</b>	Shashanka Sonowal (10BB17J38007) & 14.02.2023	CSIR-NEIST, Jorhat	Dr. Natarajan Velmurugan	Characterization of Paris polyphylla and its associated endophytic bacteria for crop production in Arunachal Pradesh
<b>208</b>	Chandni Sharma (10BB17A33012) & 14.02.2023	CSIR-IHBT, Palampur	Dr. Amitabha Acharya	Functional fluorescent nanomaterials: synthesis, characterization and evaluation of their imaging and therapeutic potential
<b>209</b>	Arpita Das (10BB17A08013) & 14.02.2023	CSIR-CFTRI, Mysuru	Dr. Ramaprasad T.R.	Cereal and herbal based functional food and its hypoglycemic effect on molecular targets
<b>210</b>	Ravi Singh (10BB18A37001) & 14.02.2023	CSIR-IIIM, Jammu	Dr. Asha Chaubey	Isolation, characterization, production and bioactive potential of setomimycin from Streptomyces sp. RA-WS2
<b>211</b>	Sumera Banoo Malik (10BB18J37002) & 14.02.2023	CSIR-IIIM, Jammu	Dr. Dilip M Mondhe	Evaluation of new analogues of colchicine for their anticancer activity



<b>212</b>	Sallaram Sindhoora (10BB16J08002) & 23.02.2023	CSIR-CFTRI, Mysuru	Dr. P. Vijayanand	Characterization of bioactive compounds from Capparis zeylanica fruit in attenuation of dyslipidemia and development of health beverage formulation
<b>213</b>	Neeraj Kumar (10BB16A33013) & 23.02.2023	CSIR-IHBT, Palampur	Dr. Vishal Acharya	Advancement in virtual screening, drug repositioning approaches leveraging machine intelligence and deep learning frameworks
<b>214</b>	Asuma Janeena (10BB17J11002) & 24.02.2023	CSIR-CLRI, Chennai	Dr. N. Ayyadurai	Ribosomal synthesis of genetically encoded congener proteins for biotechnological applications
<b>215</b>	Ashish Kumar Shukla (10BB17A33013) & 24.02.2023	CSIR-IHBT, Palampur	Dr. Amitabha Acharya	Functional carbon nanomaterials and their conjugates: synthesis, characterization and biological applications
<b>216</b>	Kajal Kiran (10BB14A08002) & 01.03.2023	CSIR-CFTRI, Mysuru	Dr. Neelakanteshwara Patil	Understanding the functional attributes of foodborne pathogen, Staphylococcus aureus RecA protein in homologous recombination and antibacterial resistance
<b>217</b>	Nishu Tyagi (10BB16A02012) & 01.03.2023	CSIR-IGIB, New Delhi	Dr. Mohammed Faruq	To study the role of rare and novel tandem nucleotide repeat expansion in neurodegeneration
<b>218</b>	Anasuya Bhargava (10BB16A02003) & 01.03.2023	CSIR-IGIB, New Delhi	Dr. S. Ramachandran	Identification of inhibitors for Mycobacterium tuberculosis dihydrodipicolinate synthase and computational data mining of newly emerging therapeutics for antimicrobial resistance
<b>219</b>	Reddi Bharati (10BB16A18067) & 02.03.2023	CSIR-IICT, Hyderabad	Dr. Anthony Addlagatta	Biochemical, structural and inhibitor discovery studies against some microbial and SARS-CoV-2 drug target enzymes
<b>220</b>	Rohit Yadav (10BB16A02015) & 16.03.2023	CSIR-IGIB, New Delhi	Dr. Chetana Sachidanandan	To identify small molecule modulators of liver damage and disease
<b>221</b>	Tahseen Abbas (10BB15A02037) & 16.03.2023	CSIR-IGIB, New Delhi	Dr. Debasis Dash	Elucidating the role of genetic variations in defining inter-individual variability in healthy individuals: an ayurgenomics approach
<b>222</b>	Poorwa Awasthi (10BB15J22003) & 16.03.2023	CSIR-IITR, Lucknow	Dr. Amit Kumar	Dissecting the role of nuclear phosphoinositide PI4,5P2 in transcriptional regulation following DNA damage



<b>223</b>	Shipra Bhatt (10BB17J37001) & 17.03.2023	CSIR-IIIM, Jammu	Dr. Utpal Nandi	Unraveling the role of plant-based natural products in modulating pharmacokinetics and toxicity of drugs involving cytochrome P450 enzymes
<b>224</b>	Vijaya Shukla (10BC19J04046) & 17.03.2023	CSIR-CDRI, Lucknow	Dr. Sanjeev Kanojia	Phytochemical investigation of selected medicinal plants using LC-MS and their biological evaluation
<b>225</b>	Vijay Lakshmi Jamwal (10BB18J37001) & 17.03.2023	CSIR-IIIM, Jammu	Dr. Sumit G Gandhi	Changes in metabolites, metabolic pathway genes and associated microflora during development of <i>Coleus forskohlii</i>
<b>226</b>	Prachi Goyal (10BB19J27002) & 17.03.2023	CSIR-NEERI, Nagpur	Dr. S.K.Goyal	Development of land-use based integrated model for effective air quality management
<b>227</b>	Sulogna Chatterjee (10BB16A18072) & 17.03.2023	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Bioprocessing of waste to sugars, fuels and bioformulation in circular biorefinery design
<b>228</b>	Gani Kayanat Mahammadtaki (10BB16A26044) & 17.03.2023	CSIR-NCL, Pune	Dr. Rahul Bhambure	Designing of an efficient in-vitro refolding strategy for antibody fragments
<b>229</b>	Dileepkumar Yeruva (10BB16A18058) & 17.03.2023	CSIR-IICT, Hyderabad	Dr. S Venkata Mohan	Plant-microbe-electrode synergy on design and development of hybrid nature based treatment system
<b>230</b>	Vidhate Ravindra Popat (10BB16J26022) & 29.03.2023	CSIR-NCL, Pune	Dr. 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
<b>231</b>	Preeti T Jacob (10BB15A16010) & 29.03.2023	CSIR- CSMCRI, Bhavnagar	Dr. Mangal S Rathore	Physiochemical and proteomic analysis of <i>Salicornia brachiata</i> (Roxb.) at different stages of seedling development
<b>232</b>	Adity Majee (10BB17A25002) & 29.03.2023	CSIR-NBRI, Lucknow	Dr. Vidhu Aniruddha Sane	Characterization of heat shock transcription factor, SHSFB3a from tomato ( <i>Solanum lycopersicum</i> )
<b>233</b>	Mohammad Shahabazuddin (10BB14J08010) & 29.03.2023	CSIR-CFTRI, Mysuru	Dr. S. N. Mudliar	Studies on plant cell wall deconstruction of agro-industrial remnants and bioconversion assessment to value-added product
<b>234</b>	Mohd Imran Ansari (10BB16A22016) & 29.03.2023	CSIR-IITR, Lucknow	Dr. Pradeep Kumar Sharma	Bisphenol A-induced epithelial to mesenchymal transition and aggressiveness in breast cancer cells



<b>235</b>	R Dheeran (10BB18A08013) & 29.03.2023	CSIR-CFTRI, Mysuru	Dr. Syed Musthapa M	MicroRNA modulations in obesity-associated breast cancer: therapeutic intervention using dietary piperine
<b>236</b>	Sapara Komal Kishorbhai (10BB15A16011) & 29.03.2023	CSIR- CSMCRI, Bhavnagar	Dr. Pradeep K. Agarwal	Genetic engineering and characterization of Bacillus subtilis Phytase gene for nutrition improvement in crop plant
<b>237</b>	Shahrukh Abbas Siddiqui (10BB16A16008) & 29.03.2023	CSIR- CSMCRI, Bhavnagar	Dr. Mangal Singh Rathore	Proteomic and metabolic evaluation in Kappaphycus alvarezii under hypo- and hyper-saline conditions
<b>238</b>	Abhishek Singh (10BB17A04001) & 29.03.2023	CSIR-CDRI, Lucknow	Dr. Sarika Singh	Decrypting the role of E3 ubiquitin ligase Pirh2 in Alzheimer's disease
<b>239</b>	Syed Murtuza Sayeed Abidi (10BB17A33011) & 29.03.2023	CSIR-IHBT, Palampur	Dr. Amitabha Acharya	Isolation and characterization of plant based biomaterials and their use as nanocomposites for biological applications
<b>240</b>	Veeragoni Dileepkumar (10BB18A18071) & 29.03.2023	CSIR-IICT, Hyderabad	Dr. M. Srinivasa Rao	Green synthesis of silver nanoparticles from marine seaweeds and their therapeutic applications
<b>241</b>	Namo Dubey (10BB16J33001) & 29.03.2023	CSIR- IHBT,Palamp ur	Dr. Kunal Singh	Exploration of TIR-NBS-LRR genes in potato against early blight caused by Alternaria solani

## Chemical Sciences:

<b>S. No.</b>	<b>Name of the student (Enrollment Number) &amp; date of award of degree</b>	<b>AcSIR Academic Centre/Asso ciate Academic Centre</b>	<b>Name of the Supervisor</b>	<b>Title of Thesis</b>
<b>1</b>	Rashid PP (10CC14A26021) & 07.04.2022	CSIR-NCL, Pune	Dr. Gangadh ar 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
<b>2</b>	Dhananjay Doke (10CC16A26015) & 07.04.2022	CSIR-NCL, Pune	Dr. Shubhangi Umbarkar	Synthesis of lactate and its valorization to value added chemicals
<b>3</b>	Bijoy Biswas (10CC17A19003) & 07.04.2022	CSIR-IIP, Dehradun	Dr. Thallada Bhaskar	Hydrothermal liquefaction of lignin and aquatic biomass for the production of functional chemicals



4	Anisetty Lakshman Kumar (10CC15A05002) & 07.04.2022	CSIR-CECRI, Karaikudi	Dr. S. Vengatesan	Bioelectrochemical and biogeochemical insights into microbial manganese oxidation
5	Sibananda Gourisankar Dash (10CC16A04034) & 07.04.2022	CSIR-CDRI, Lucknow	Dr. Tejender S Thakur	Computational screening of API solid forms and quantum crystallography applications in studying the role of intermolecular interactions in molecular recognition
6	Govind Porwal (10CC16A26025) & 08.04.2022	CSIR-NCL, Pune	Dr. Vinod Chathakudath Prabhakaran	Insights on the synthesis of fine chemicals and its upscaling on heterogeneous catalysts
7	Naina Lohia (10CC18J32008) & 08.04.2022	CSIR-NPL, New Delhi	Dr. Shailesh N. Sharma	Studies on micro, nano and colloidal quantum dot based luminescent materials for solid-state lighting
8	Wagh Atish Arun (10CC16A26018) & 14.04.2022	CSIR-NCL, Pune	Dr. Moneesha Fernandes	IsoDNA/isoRNA oligomers of the thrombin binding aptamer and 2'-thiopropyl and abasic ethanediol substitutions therein
9	Prabu K (10CC17J26022) & 21.04.2022	CSIR-NCL, Pune	Dr. T. Raja	Selective catalytic oxidation over metal oxides for the valorization of biomass derived feedstocks and Propane
10	Mhamane Tukaram Bharat (10CC14A18008) & 21.04.2022	CSIR-IICT, Hyderabad	Dr. H.M. Sampath Kumar	Design and synthesis of novel glycopeptide and glycolipopeptide based vaccine adjuvants
11	Valipenta Narasimhulu (10CC14J18065) & 21.04.2022	CSIR-IICT, Hyderabad	Dr. Ravindra M. Kumbhare	Design and synthesis of thiazolidine, pyrimidine-2-thiol and trifluoroacetamide derivatives
12	Harsha Chilukuri (10CC17J26025) & 21.04.2022	CSIR-NCL, Pune	Dr. Moneesha Fernandes	Alkyl proline and oxytocin derivatives towards development of anti-diabetics and design of potential antifolates derived from guanine
13	Betsy K J (10CC18A26061) & 25.04.2022	CSIR-NCL, Pune	Dr. Vinod Chathakudath Prabhakaran	Exploring the chemical modifications in periodic mesoporous silica materials for heterogeneous catalytic applications
14	Monti Gogoi (10CC17A38009) & 25.04.2022	CSIR-NEIST, Jorhat	Dr. Swapnali Hazarika	Preparation and characterization of functionalized CNT-thin film nanocomposite polymeric membrane for racemic resolution of $\beta$ -substituted- $\alpha$ -amino acids



15	Anamika Mishra (10CC18J32009) & 28.04.2022	CSIR-NPL, New Delhi	Dr. Asit Patra	Synthesis and characterization of hole transport material for perovskite solar cells
16	Himangsu Sekhar Dutta (10CC16A04029) & 28.04.2022	CSIR-CDRI, Lucknow	Dr. Dipankar Koley	Modification of privileged N- heterocycles via C-H functionalization: Synthesis of medicinally relevant compounds and late stage drug diversification
17	Manilal Murmu (10CC16J12005) & 28.04.2022	CSIR-CMERI, Dugrapur	Dr. Priyabrata Banerjee	Design, synthesis and characterization of organic molecules for corrosion inhibition of metals: Application of anti-corrosive additives and coating materials
18	Debanjan Dey (10CC16A12002) & 28.04.2022	CSIR-CMERI, Durgapur	Dr. 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
19	Sanjukta Pahar (10CC16A26009) & 28.04.2022	CSIR-NCL, Pune	Dr. Sakya Singh Sen	Donor-acceptor stabilization of compounds with low coordinate group 13 and 14 elements
20	Raju Doddipalla (10CC15J18055) & 02.05.2022	CSIR-IICT, Hyderabad	Dr. Mohana Krishna Reddy Mudiam	NMR based metabolomics for the evaluation of metabolic perturbations in food and model organisms due to storage/xenobiotics exposure for food safety and toxicological applications
21	Wakade Sandip Balasaheb (10CC17J18019) & 02.05.2022	CSIR-IICT, Hyderabad	Dr. Pravin R. Likhari	New methodologies for the synthesis of biologically important substituted quinolines
22	Megha Dinkar Deokar (10CC17J26047) & 05.05.2022	CSIR-NCL, Pune	Dr. Baijayanti mala Garnaik	Controlled synthesis of polymers and copolymers derived from lactic acid-structure, property and functions
23	Subhasis Shit (10CC18A12016) & 05.05.2022	CSIR-CMERI, Durgapur	Dr. Tapas Kuila	Development of noble-metal- free efficient bifunctional electrocatalysts for overall water splitting in alkaline medium
24	Vadthya Raju (10CC17J18023) & 05.05.2022	CSIR-IICT, Hyderabad	Dr. J. Vatsala Rani	Development of polythiophene-based composites for application in rechargeable aluminium and magnesium batteries
25	Shrikant B. Nikam (10CC15A26027) & 05.05.2022	CSIR-NCL, Pune	Dr. Asha S K	Synthesis of various classes of chiral polymers and their



				application in enantioselective separation
26	Nagam Satish (10CC17A18010) & 05.05.2022	CSIR-IICT, Hyderabad	Dr. G. Sudhakar	Synthesis of indenyl alcohols, indeno[de]isochromenes from arylvinyl epoxides, and azirine containing compounds exhibiting anti-angiogenesis activity
27	M. Nagalakshmi (10CC15A05009) & 05.05.2022	CSIR-CECRI, Karaikudi	Dr. N. Kalaiselvi	Next generation electrode materials for energy storage applications
28	Shinde Mahesh Harishchandra (10CC16A26017) & 08.05.2022	CSIR-NCL, Pune	Dr. Chepuri Venkata Ramana	Gold-catalysed cycloisomerization of alkynols: Studies toward the total synthesis of mersicarpine and C35–C53 fragment of symbiospirols A/B/C
29	Ruchi Dixit (10CC16A26013) & 24.05.2022	CSIR-NCL, Pune	Dr. Kumar Vanka	Understanding nucleophilic attack chemistry in main group compounds with density functional theory
30	Madhu Desagoni (10CC17J18035) & 24.05.2022	CSIR-IICT, Hyderabad	Dr. Vatsala Rani Jetti	Studies directed towards novel quinolone heterocycles of biological interest
31	Rosy Alphons Sequeira (10CC17J16001) & 24.05.2022	CSIR- CSMCRI, Bhavnagar	Dr. Kamalesh Prasad	Evaluation of various neoteric solvents for dissolution, separation and functionalization of biomolecules
32	Arya J. S (10CC17J39003) & 24.05.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Kaustabh Kumar Maiti	Exploring the chemotherapeutic potential of semi-synthetically derived new phytochemical entities and nano delivery system
33	Amita Kumari (10CC16A33019) & 08.06.2022	CSIR-IHBT, Palampur	Dr. Sushil Kumar Maurya	Phytochemical studies and value addition of tea ( <i>Camellia sinensis</i> (L.) O. Kuntze)
34	Md Nirshad Alam (10CC16A26027) & 08.06.2022	CSIR-NCL, Pune	Dr. Dr. Sudip Maity	Removable functional group strategy for Regio- and stereoselective molecular rearrangement and related reactions
35	Nemilikonda Sravan Kumar (10CC16A18027) & 08.06.2022	CSIR-IICT, Hyderabad	Dr. Subhash Ghosh	Studies towards the syntheses of Bastimolide A, Maltepolide E and Colletotrichamide A
36	Arunkumar T. (10CC15A39008) & 08.06.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Ravi Shankar L.	Design and synthesis of novel iminosugar analogues of biological relevance



37	Suman Devi (10CC15A26046) & 08.06.2022	CSIR-IICT, Hyderabad	Dr. M. Niraj Luwang	Luminescent nanomaterials and their applications
38	Shimpi Jayesh Ramesh (10CC17A26007) & 08.06.2022	CSIR-NCL, Pune	Dr. Bhagavat ula L.V. Prasad	Understanding the digestive ripening process through metal, metal alloys nanocrystal preparation and their applications
39	Balamurugan T (10CC15A05004) & 08.06.2022	CSIR-CECRI, Karaikudi	Dr. V. Ganesh	Development of graphitic carbon, iron oxide based materials for bilirubin, hydrogen peroxide & cholesterol sensing and self-powered device for glucose biosensor
40	Jaspreet Kour (10CC18A37025) & 08.06.2022	CSIR-IIIM, Jammu	Dr. Sanghapa I D Sawant	Design and synthesis of functional bis-heterocycles
41	Nivedita Priyadarshni (10CC16A12005) & 08.06.2022	CSIR-CMERI, Dugrapur	Dr. Nripen Chanda	Synthesis and characterization of functionalized metallic nanoparticles for the detection and removal of toxic ions
42	Afzal Siddiqui (10CC16A18052) & 16.06.2022	CSIR-IICT, Hyderabad	Dr. Surya Prakash Singh	Design and synthesis of functional $\pi$ -conjugated small molecules based on indacenodithiophene, spiro- xanthene and perylene diimide core for photonic application
43	A. VIJAYA GOWRI (10CC15A11001) & 16.06.2022	CSIR-CLRI, Chennai	Dr. Debasis Samanta	Conjugates of polymers for controlling hydrophobicity
44	Suparna Paul (10CC16A12004) & 30.06.2022	CSIR-CMERI, Durgapur	Dr. Priyabrata Banerjee	Development of sensory probes for expeditious chromo- fluorogenic detection of heavy, toxic cationic contaminants and lethal anions: Detailed Characterization and Application
45	RANJEET KUMAR SINGH (10CC15A43002) & 30.06.2022	CSIR-CIMFR, Dhanbad	Dr. Aditya Rana	Feasibility study for preparation of bricks using mine waste
46	Nibedita B Dutta (10CC18J38012) & 01.07.2022	CSIR-NEIST, Jorhat	Dr. G Baishya	Development of new methodologies for the synthesis of imidazo[1,2-a]pyridine and quinoxalin-2(1H)-one derivatives
47	Naeem K. C. (10CC13A39001) & 01.07.2022	CSIR-NIIST, Thiruvananthapuram	Dr. C. Vijayakumar	Fluorescent organic smart materials: Design, synthesis and photophysics
48	Subhrashis Banerjee (10CC18A26012) & 06.07.2022	CSIR-NCL, Pune	Dr. Kumar Vanka	Computational insights into proton and hydride transfer chemistry



49	Mounika Aila (10CC18A18003) & 07.07.2022	CSIR-IICT, Hyderabad	Dr. Ch Raji Reddy	Alkyne-assisted annulations towards the synthesis of fused- benzofurans & Indoles, $\beta$ - carboline and pyrrolo- quinolones
50	Sourav Bej (10CC18A12013) & 12.07.2022	CSIR-CMERI, Durgapur	Dr. Priyabrata Banerjee	Design and synthesis of supramolecular assembly as sensory receptor for detection of neutral and lethal anionic contaminants
51	Renjita J. (10CC16J39001) & 21.07.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Sasidhar B. S.	Design and synthetic studies on plant based bioactives against metabolic disorders
52	Dosali Mallesh (10CC17A18018) & 21.07.2022	CSIR-IICT, Hyderabad	Dr. N Lingaiah	Studies on biomass derived carbon adsorbents for CO <sub>2</sub> capture
53	Nazia (10CC17J19003) & 21.07.2022	CSIR-IIP, Dehradun	Dr. Rajaram Bal	Synthesis of nanostructured catalysts for the hydrogenation of biomass derived platform molecules to value added chemicals
54	Deepa Elizabeth (10CC18J05002) & 21.07.2022	CSIR-CECRI, Karaikudi	Dr. A Manuel Stephan	Nanostructured anode and polymeric membranes for Li-S batteries
55	Kulkarni Akshay Suhas (10CC19J26004) & 21.07.2022	CSIR-NCL, Pune	Dr. D. Srinivasa Reddy	Natural products peharmaline A and oxoaplysinopsins: Synthesis, analogues and their biological evaluation
56	Deepa Rawat (10CC18A16013) & 21.07.2022	CSIR- CSMCRI, Bhavnagar	Dr. Adimurthy Subbaray appa	Tandem C-H functionalization of N-based six membered heterocycles
57	Surikanti Ganesh Reddy (10CC15A18028) & 02.08.2022	CSIR-IICT, Hyderabad	Dr. Manoram a Vardhired dy Sunkara	p-n and n-p-n binary and ternary heterostructures of cuprous oxide: Designing efficient visible light active photocatalysts
58	Junaid Ur Rahim (10CC17J37018) & 02.08.2022	CSIR-IIIM, Jammu	Dr. Rajkishor Rai	Synthesis, conformation and biological activities of peptides incorporating non-coded amino acids
59	Seggem Prabhakar (10CC19J18019) & 02.08.2022	CSIR-IICT, Hyderabad	Dr. Vatsala Rani Jeti	Investigation of novel non- aqueous organo-phosphate based electrolytes applied for rechargeable magnesium batteries
60	Ega Sai Prasad (10CC17A18020) & 02.08.2022	CSIR-IICT, Hyderabad	Dr. S. Palaniapp an	Hybrid electrodes from easily available, synthesizable, reusable materials based on carbons, polyanilines, manganese oxides, and quinones for high- performance supercapacitor cell



61	Mane Kishor Dharmraj (10CC17J26029) & 02.08.2022	CSIR-NCL, Pune	Dr. Gurunath Suryavanshi	Enantioselective synthesis of bioactive molecule and development of synthetic methodologies involving formation of C-C, C-N bonds
62	Tanu Kaushal (10CC13A10005) & 02.08.2022	CSIR-CIMAP, Lucknow	Dr. Arvind Singh Negi	Studies and synthesis of some anticancer pharmacophores and their biological evaluation
63	Nitha P. R. (10CC15A39009) & 02.08.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Jubi John	Development of indole fused heteroacene based sensitizers for dye sensitized solar cell applications
64	Javeed Ur Rasool Najar (10CC17J37022) & 02.08.2022	CSIR-IIIM, Jammu	Dr. Asif Ali	Study on site selective reactions in medicinally important scaffolds: Analogation at exocyclic double bond of arteannuin B and cleavage of oxophenylacetyl (OPAc) in sugars.
65	Rahul Upadhyay (10CC19J33001) & 02.08.2022	CSIR-IHBT, Palampur	Dr. Sushil Kumar Maurya	Method Development for Carbon-Heteroatom Bond Formation and their Applications for Bio-active Molecules Synthesis
66	Jadhav Sandip Bhagwan (10CC17J18008) & 02.08.2022	CSIR-IICT, Hyderabad	Dr. Rambabu Chegondi	Enantioselective and diastereoselective desymmetrization of prochiral-cyclohexadienones to access bicyclic scaffolds with contiguous stereocenters
67	Vinoth S (10CC18J05001) & 02.08.2022	CSIR-CECRI, Karaikudi	Dr. A. Pandikumar	Graphitic carbon nitride supported bismuth oxyhalide based hybrid catalytic materials for photoelectrochemical generation of solar fuels
68	Hussain Shaik (10CC16A18012) & 16.08.2022	CSIR-IICT, Hyderabad	Dr. Mohana Krishna Reddy Mudiam	Exploring the potential of LC-MS/MS for the analysis of nitrosamines in sartan drugs and GC-MS for metabolomics to evaluate xenobiotics exposure in Drosophila
69	Avnish Kumar (10CC17A19011) & 16.08.2022	CSIR-IIP, Dehradun	Dr. Thallada Bhaskar	Catalytic oxidative conversion of lignin to value added chemicals
70	Rajeshwari Tiwari (10CC18A16014) & 16.08.2022	CSIR-CSMCRI, Bhavnagar	Dr. Sumit Kumar Pramanik	Nanocarriers for organelle-specific drug delivery and imaging
71	Babar Suraj Shivaji (10CC17A18027) & 16.08.2022	CSIR-IICT, Hyderabad	Dr. Surya Prakash Singh	Tailoring functional $\pi$ -conjugated small molecules: from structure to function



72	Anurag Chahande (10CC15J26002) & 16.08.2022	CSIR-NCL, Pune	Dr. R. Nandini Devi	The optical properties of noble metal nanoclusters & application in bioimaging and security
73	Kundan Singh Rawat (10CC16A04030) & 16.08.2022	CSIR-CDRI, Lucknow	Dr. Atul Goel	New fluorescent heterocyclic and carbon-nano material for biomedical applications
74	Kailas Pandhade (10CC16A26029) & 16.08.2022	CSIR-NCL, Pune	Dr. Narshinha Panditrao Argade	Cyclic anhydrides and derivatives: Studies on synthesis of bioactive alkaloids
75	Suhag Sanjay Patil (10CC17A26008) & 16.08.2022	CSIR-NCL, Pune	Dr. Narshinha Panditrao Argade	Total synthesis of (±)-periconianone A and (+)-dibenzyl-banistenoside B
76	Nandikolla Krishna Chaitanya (10CC15J18008) & 22.08.2022	CSIR-IICT, Hyderabad	Dr. Chandras ekhar Srivari	Synthetic studies towards antimalarial kalihinols and chiral naphthalene derivatives from commercial terpenoids
77	Birajdar Shailesh Sidram (10CC17J18040) & 22.08.2022	CSIR-IICT, Hyderabad	Dr. Sidhanath Vishwanath Bhosale	Design, synthesis, supramolecular self-assembly and organic thin film transistor applications of $\pi$ -conjugated chromophores
78	Palodkar Krushna Kaduba (10CC17J18005) & 22.08.2022	CSIR-IICT, Hyderabad	Dr. AV Sessa Sainath	Synthesis and characterization of polymers from methacrylate maltose and their conjugation with UV active/biocompatible segments to enhance cell viability and biocompatibility
79	Kishorekumar Palli (10CC17A18005) & 29.08.2022	CSIR-IICT, Hyderabad	Dr. Chandras ekhar Srivari	Synthetic studies towards (-)-Englerin A and Remdesivir
80	Guruprasad M S (10CC14A39004) & 29.08.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Karunakaran V	Aminoanthracene appended unsymmetrical squaraine derivatives: Synthesis and ultrafast time-resolved photophysical characterization for NIR photodetectors
81	Purashri Basyach, (10CC17A38006) & 29.08.2022	CSIR-NEIST, Jorhat	Dr. L. Saikia	Mixed metal oxides, metal sulphides g-C <sub>3</sub> N <sub>4</sub> based nanocomposites for environmental catalysis
82	Mahak Vij (10CC16A32028) & 31.08.2022	CSIR-NPL, New Delhi	Dr. Kamlesh Kumar Maurya	Growth and characterization of novel diisopropylamine based nonlinear optical single crystals
83	Sangeetha K (10CC17A05002) & 05.09.2022	CSIR-CECRI, Karaikudi	Dr. Subrata Kundu	Size and shape-selective synthesis of metal and mixed metal oxide nanomaterials for catalysis and electrocatalysis applications



84	Khonde Nilesh Shrimant (10CC15A26012) & 05.09.2022	CSIR-NCL, Pune	Dr. Pradeep Kumar Tripathy	Synthetic explorations into carbon-carbon and carbon-fluorine bond forming reactions
85	Venkatesan. M (10CC17A18003) & 05.09.2022	CSIR-IICT, Hyderabad	Dr. Prakriti Ranjan Bangal	Spectroscopic studies of coupled electron proton transfer in porphyrin and methylbenzo(a)pyrene
86	Santosh Kumar Rath (10CC13A36026) & 05.09.2022	CSIR-IMMT, Bhubaneswar	Dr. Sanjib Das	Synthesis of amide analogues of $\alpha$ -tetralone, betulinic acid and p-coumaric acid and their bioevaluation studies
87	Jogendra Kumar (10CC17A16007) & 08.09.2022	CSIR-CSMCRI, Bhavnagar	Dr. Sukalyan Bhadra	Development of catalytic procedures for the functionalizations of unactivated C-H bonds by heteroatom-based substituents
88	Jaswant Kumar (10CC18J37007) & 12.09.2022	CSIR-IIIM, Jammu	Dr. Bhahwal Ali Shah	Development of new methods for construction of carbon-heteroatom bonds via photoredox catalysis
89	Hemanta Hazarika (10CC16A38009) & 12.09.2022	CSIR-NEIST, Jorhat	Dr. P Gogoi	Development of new synthetic methodologies for the synthesis of functionalized arenes and fused heterocycles
90	Singam Maneesh Kumar Reddy (10CC17A18034) & 12.09.2022	CSIR-IICT, Hyderabad	Dr. Maddi Sridhar Reddy	Novel cyclizations/annulations via carbo- and hetero-metallation of alkynes for multicyclic scaffolds
91	Suryakanta Dehuri (10CC15A36004) & 12.09.2022	CSIR-IMMT, Bhubaneswar	Dr. Bamaprasad Bag	Effect of long chain n-alkyl substituents on metal ion selectivity and chemosensing parameters of rhodamine based probes
92	Kalari Saradhi (10CC19J18006) & 12.09.2022	CSIR-IICT, Hyderabad	Dr. Haridas B Rode	Chemical modification of imidazo[1,2-a]pyridines
93	Ekta Faujdar (10CC17J19001) & 13.09.2022	CSIR-IIP, Dehradun	Dr. Raj Kumar Singh	Synthesis, characterization and performance evaluation of novel multifunctional additives for lubricants
94	Omvir Singh (10CC17A19010) & 13.09.2022	CSIR-IIP, Dehradun	Dr. Bipul Sarkar	Production of aromatic hydrocarbons by catalytic upgradation of unconventional feedstocks
95	Jaice Ravindran (10CC17J39002) & 16.09.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Ravi Shankar L.	Development of novel oxidative transformations for synthesis of chromenoindoles, 2-pyridones, and enaminone analogues
96	Suhail Ahmad Rather (10CC17A37022) & 16.09.2022	CSIR-IIIM, Jammu	Dr. Qazi Naveed Ahmad	Exploration of electrophilic sulfur and iodine-DMSO reagents for the Synthesis of different exigent sulfur containing compounds



97	Singh Amravati Shivaji (10CC17A16002) & 16.09.2022	CSIR-CSMCRI, Bhavnagar	Dr. Ankush Biradar	Studies on phosphorus containing catalysts and their applications in fine chemicals synthesis
98	Neha Ghosh (10CC16J26009) & 21.09.2022	CSIR-NCL, Pune	Dr. Paresh Laxmikant Dhepe	Understanding N-containing saccharides, their valorisation by solid acids and HPLC method development for separation and identification of products
99	Saira Banu (10CC16A04033) & 22.09.2022	CSIR-CDRI, Lucknow	Dr. Prem Prakash Yadav	Organic dyes in photocatalytic transformations of heterocycles under visible light irradiation
100	Sam Sankar S (10CC17A05004) & 22.09.2022	CSIR-CECRI, Karaikudi	Dr. Subrata Kundu	Electrospun transition metals incorporated fibrous materials for electrocatalytic water splitting
101	Kusumita Kundu (10CC19J09004) & 27.09.2022	CSIR-CGCRI, Kolkata	Dr. Tarun Kumar Kayal	Physical and optical properties of boron doped silicon carbide thin film on silicon using boron containing liquid polycarbosilane
102	Ankit Kumar Agrawal (10CC17A19008) & 27.09.2022	CSIR-IIP, Dehradun	Dr. Bipul Sarkar	Synthesis of metal-supported catalysts for low-temperature continuous production of olefins
103	Dasari Padmakar (10CC16A18006) & 27.09.2022	CSIR-IICT, Hyderabad	Dr. N Lingaiah	Studies on cobalt based catalysts for production of hydrogen by steam reforming of glycerol
104	Parimaladevi Ganthala (10CC17A18028) & 27.09.2022	CSIR-IICT, Hyderabad	Dr. Bathini Nagendra Babu	Co-delivery of anticancer drugs with chitosan-TPGS coated solid lipid nanocarriers – A tool for overcoming multidrug resistance
105	Jyoti M Honnanayakanavar (10CC16A18014) & 27.09.2022	CSIR-IICT, Hyderabad	Dr. S Suresh	Development of tandem copper catalyzed arylation–cyclization transformations: Synthesis of biologically valuable N-heterocycles
106	Bhanu Pratap Singh Solanki (10CC14A26024) & 27.09.2022	CSIR-NCL, Pune	Dr. S B Mhaske	Valorization of biomass derived platform molecule via catalytic hydrogenation and oxidation
107	Sachin Kumar (10CC16A26012) & 27.09.2022	CSIR-NCL, Pune	Dr. Sree Kumar Kurungot	Performance modulated carbon-free electrocatalyst for PEM fuel cell applications
108	Sumitha Paul (10CC15A39010) & 04.10.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Karunakaran Venugopal	Ultrafast intramolecular singlet fission in pentacene dimers: Planarity, length and linking position of bridges control the efficiency of triplet pair formation



109	Preeti Singh (10CC16A12006) & 04.10.2022	CSIR-CMERI, Dugrapur	Dr. Nripen Chanda	Metal-reduced graphene oxide based nanocomposites: Synthesis, characterization and sensing applications
110	Renu Masiwal (10CC16J32013) & 04.10.2022	CSIR-NPL, New Delhi	Dr. Chennen der Sharma	Study of atmospheric trace gases over the Western Himalayas
111	Ajaz Ahmed (10CC17A37021) & 04.10.2022	CSIR-IIIM, Jammu	Dr. Debaraj Mukherjee	N-glycosylation as a tool box for the generation of medicinally important nucleosides and disaccharide mimetics
112	Narugopal Manna (10CC16A26001) & 04.10.2022	CSIR-NCL, Pune	Dr. Sreekumar Kurungot	Active interface engineered oxygen electrocatalysts for electrochemical energy applications
113	Praveen Kumar Yadav (10CC17J32011) & 04.10.2022	CSIR-NPL, New Delhi	Dr. S. Swarupa Tripathy	Studies and development of isotopic nanoparticles to ascertain isotopic ratio
114	Pallavi Awasthi (10CC18A04037) & 10.10.2022	CSIR-CDRI, Lucknow	Dr. Atul Goel	Expeditious synthesis of natural and synthetic pterocarpanes for bone health
115	Aniket Gupta (10CC18A16007) & 10.10.2022	CSIR- CSMCRI, Bhavnagar	Dr. Sukalyan Bhadra	Development of novel catalytic approaches towards the proximal-selective functionalization of selected organic building blocks
116	Kanagavalli P (10CC18A05013) & 10.10.2022	CSIR-CECRI, Karaikudi	Dr. Murugan Veerapan dian	Chemically interplayed graphene-based label-free sensor platform for dengue diagnosis and therapeutics
117	Paka Rajitha (10CC17A18025) & 13.10.2022	CSIR-IICT, Hyderabad	Dr. Lingaiiah Nagarapu	Studies on supported metal oxide catalysts for ammoxidation of halogenated methyl aromatic compounds
118	Mulani Fayaj Alam (10CC16J26012) & 13.10.2022	CSIR-NCL, Pune	Dr. Thulasiram H V	Establishment of structure- fragment-relationships of neem (Azadirachta indica) limonoids by tandem mass spectrometry, based on the isolation, structural modifications and isotope labeling along with its application
119	Praveena N. M. (10CC16A39004) & 14.10.2022	CSIR-NIIST, Thiruvananthapuram	Dr. E. Bhoje Gowd	Structure and morphology development during stereocomplex formation in polylactides
120	Ghule Siddharth Sambhaji (10CC17A26010) & 14.10.2022	CSIR-NCL, Pune	Dr. Kumar Vanka	Computational development of the strategies to explore molecular machines and the molecular space for desired properties using machine learning



121	Vinita (10CC17A26031) & 17.10.2022	CSIR-NCL, Pune	Dr. Santosh B. Mhaske	Earth-abundant metal catalyzed C-C and C-N bond forming reactions using alcohols to access olefin and indole scaffolds
122	Narsingh Verma (10CC18J10012) & 17.10.2022	CSIR-CIMAP, Lucknow	Dr. Arvind Singh Negi	Semisynthetic modification of natural products through C-C and C-hetero (N, O, S) bond formation and their biological evaluation
123	Aher Jagadish Dhanaji (10CC17J26045) & 17.10.2022	CSIR-NCL, Pune	Dr. K Krishnamo orthy	Conjugated carbonyl molecules for lithium ion batteries
124	Deepak Milind Marathe (10CC18A27033) & 20.10.2022	CSIR-NEERI, Nagpur	Dr. Kanchan Kumari	Study on phyto-treatment of moderately saline wastewater using plant-derived filter bedding materials and its impact on soil and plant growth
125	Manpreet Singh (10CC17A16001) & 20.10.2022	CSIR- CSMCRI, Bhavnagar	Dr. Subhadip Neogi	Modular construction and functionalization of porous crystalline frameworks for gas adsorption, sustainable catalysis and luminescent sensing
126	Chrysanthus Andrew (10CC18A05012) & 28.10.2022	CSIR-CECRI, Karaikudi	Dr. M. Jayakuma r	Electrodeposition of samarium from ionic liquids
127	Shijina K. (10CC18A39014) & 28.10.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Hareesh U. S	Heteroatom doped porous carbon structures as electrocatalysts for fuel cells
128	Borade Balasaheb Raghunath (10CC16A26006) & 28.10.2022	CSIR-NCL, Pune	Dr. Kontham Ravindar	Stereoselective total synthesis of beshanzuene D, Abiespiroside A, Lanceolactone A through photo-oxidation of hydroxyalkyl furans and construction of bridged chromanol-lactones via Fe(III)- catalyzed annulation of hydroxyarenes and unsaturated $\alpha$ -ketoesters
129	Krishnamoorthy K (10CC14J05004) & 01.11.2022	CSIR-CECRI, Karaikudi	Dr. R. Thangam uthu	Electrocatalytic determination of biologically and environmentally significant compounds using novel sensor platforms
130	Anila Sebastian (10CC17A39007) & 04.11.2022	CSIR-NIIST, Thiruvanthapuram	Dr. Suresh C. H.	Density functional theory studies on transition metal fulleride complexes and CO <sub>2</sub> capture by anions, fullerides, and N-rich molecular systems
131	Ranadip Goswami (10CC18A16006) & 04.11.2022	CSIR- CSMCRI, Bhavnagar	Dr. Subhadip Neogi	Strategically devised multiresponsive porous materials for environmental remediation with mechanistic insights



<b>132</b>	Mali Bhupendra Pralhad (10CC17A26062) & 04.11.2022	CSIR-NCL, Pune	Dr. Rajesh Ghanshyam Gonnade	Tuning fluorescence in crystalline state through polymorphs and cocrystals development: Synthesis, structural studies and photophysical properties measurements of green fluorescent protein chromophore analogues
<b>133</b>	Rashmi Semwal (10CC17A16005) & 10.11.2022	CSIR-CSMCRI, Bhavnagar	Dr. Adimurthy Subbarayappa	Carbon-hetero bond formations through inter and intra functionalisation of fused heterocycles
<b>134</b>	Ramaprakash M (10CC17J05004) & 14.11.2022	CSIR-CECRI, Karaikudi	Dr. N. Rajasekaran	Electrodeposition of Ni-W based materials and its applications
<b>135</b>	Prerana Sharma (10CC18A16011) & 16.11.2022	CSIR-CSMCRI, Bhavnagar	Dr. Vinod Kumar Shahi	Stable and functionalized polymeric materials/membranes for water purification and energy applications
<b>136</b>	Rinky (10CC18A37026) & 16.11.2022	CSIR-IIIM, Jammu	Dr. Sandip B Bharate	Discovery of new multi-targeted preclinical leads for Alzheimer's disease employing library screening and rational drug design approaches
<b>137</b>	Makwana Ketankumar Ishwarbhai (10CC15A26032) & 17.11.2022	CSIR-NCL, Pune	Dr. Manohar V Badiger	Cashew Nut Shell Liquid (CNSL): A versatile building block towards synthesis of novel monomers, polymers and surfactants
<b>138</b>	Sharma Dipesh Mamraj (10CC17J26006) & 21.11.2022	CSIR-NCL, Pune	Dr. Benudhar Punji	Synthesis and implication of 3d transition metal catalysts for the hydrogenative transformations of alkynes, chalcones and nitriles
<b>139</b>	Ekata Saha (10CC16A16007) & 21.11.2022	CSIR-CSMCRI, Bhavnagar	Dr. Joyee Mitra	Triazole based small molecule metallo-organogels and their applications
<b>140</b>	Neha Sharma (10CC17A19006) & 21.11.2022	CSIR-IIP, Dehradun	Dr. Anjan Ray	Theoretical and experimental studies on cycloaliphatic ester for their application as lubricants
<b>141</b>	Soda Anil Kumar (10CC19J18021) & 29.11.2022	CSIR-IICT, Hyderabad	Dr. Sridhar Madabhushi	Novel strategies towards the synthesis of functionalized quinazolines and quinolones of biological interest
<b>142</b>	Vijay Kumar Nuthakki (10CC19A37048) & 29.11.2022	CSIR-IIIM, Jammu	Dr. Sandip B Bharate	Discovery of natural product based multi-targeted anti-Alzheimer agents
<b>143</b>	Gurmeet Singh (10CC17J19006) & 29.11.2022	CSIR-IIP, Dehradun	Dr. Ankur Bordoloi	Nano-materials synthesis for hydrogenation of furfural to value added products



<b>144</b>	Rakhi Mondal (10CC18J16006) & 29.11.2022	CSIR- CSMCRI, Bhavnagar	Dr. Uma Chatterje e	Blend and copolymers based ion exchange membranes and their electrochemical separation performance
<b>145</b>	Chitra Sarkar (10CC18J18011) & 29.11.2022	CSIR-IICT, Hyderabad	Dr. John Mondal	Design of porous organic catalytic nanoarchitecture for biomass valorisation
<b>146</b>	Aedula Vishnuvardanreddy (10CC17J18030) & 29.11.2022	CSIR-IICT, Hyderabad	Dr. D.K.Moha patra	Synthesis of greensporone F, dechlorogreensporone F, (2E)- macrolactin 3 and 2-allyl-2- methyl-2H-chromenes
<b>147</b>	Damera Vani (10CC17J18039) & 29.11.2022	CSIR-IICT, Hyderabad	Dr. Rajender Reddy	Transition metal-catalyzed domino approaches of 3- alkynylquinoline aldehydes to access regio-selective synthesis of fused quinoline analogues
<b>148</b>	Rohit Kumar (10CC17A26023) & 29.11.2022	CSIR-NCL, Pune	Dr. Sakya Singh Sen	Synthesis and molecular catalysis with organo-alkaline earth metal complexes
<b>149</b>	Anjali (10CC16A04024) & 30.11.2022	CSIR-CDRI, Lucknow	Dr. Rabi Sankar Bhatta	Fabrication of derivatized poly- D-glucosamine based corneal targeted liposomes of amphotericin B for the treatment of Keratomycosis and its PK-PD evaluation
<b>150</b>	Velu D (10CC16A05003) & 06.12.2022	CSIR-CECRI, Karaikudi	Dr. S. Senthil Kumar	Design and development of mesoporous carbon based materials as alternate electrocatalysts for oxygen reduction reaction
<b>151</b>	Pratibha Singh (10CC19A04009) & 12.12.2022	CSIR-CDRI, Lucknow	Dr. Sanjeev Kanojiya	Method development, validation and application of hyphenated mass spectrometric techniques for qualitative and quantitative analysis of phytochemicals from selected Indian medicinal plants
<b>152</b>	Anjali B. R. (10CC16A39005) & 12.12.2022	CSIR-NIIST, Thiruvananthapuram	Dr. Joshy Joseph	DNA assisted ordered assembly of small amphiphilic molecules via non-covalent interactions
<b>153</b>	Shirsath Sachin Rohidas (10CC17J26007) & 16.12.2022	CSIR-NCL, Pune	Dr. M. Muthukrish nan	Exploring new synthetic transformations employing p- quinone methides as versatile acceptors in 1,6-addition reactions
<b>154</b>	Deependra Pratap Singh (10CC19A43011) & 22.12.2022	CSIR-CIMFR, Dhanbad	Dr. Bodhisatw a Hazra	Assessment of hydrocarbon generation and storage potential of the Permian shales, India



155	Ashitha K. T. (10CC15A39002) & 22.12.2022	CSIR-NIIST, Thiruvantha puram	Dr. B.S. Sasidhar	Transition metal free transformations of $\alpha,\beta$ - unsaturated ketones to heterocycles of medicinal relevance
156	Sandhya Saini (10CC17A19004) & 22.12.2022	CSIR-IIP, Dehradun	Dr. Suman L. Jain	Photocatalytic carboxylation of organic compounds using carbon dioxide
157	Gaurav Sharma (10CC16A04027) & 26.12.2022	CSIR-CDRI, Lucknow	Dr. Sanjeev Kumar Shukla	Metabolic profiling of selected anti-osteoporotic plants using NMR spectroscopy
158	Vishakha Goyal (10CC18A19003) & 26.12.2022	CSIR-IIP, Dehradun	Dr. Kishore Natte	Heterogeneous catalysts for borrowing hydrogen and hydrogenation reactions
159	Zinoy M (10CC14J26018) & 26.12.2022	CSIR-NCL, Pune	Dr. Kaliaperu mal Selvaraj	Rational design and development of electrocatalysts for sustainable energy
160	Kirti (10CC19A16016) & 26.12.2022	CSIR- CSMCRI, Bhavnagar	Dr. Divesh Narayan Srivastava	Modified carbon electrodes for electrocatalytic applications
161	Kolgave Dattahari Hanmantrao (10CC17J18016) & 28.12.2022	CSIR-IICT, Hyderabad	Dr. Raji Reddy Chada	Synthetic approaches towards spirocyclic and benzo-fused carbocyclic ketones via radical promoted annulations
162	Jyoti Gahtori (10CC17A19002) & 30.12.2022	CSIR-IIP, Dehradun	Dr. Ankur Bordoloi	Aqueous phase CO/CO <sub>2</sub> hydrogenation over nano- structured material
163	Palivela Siva Gangadhar (10CC18J18019) & 30.12.2022	CSIR-IICT, Hyderabad	Dr. L. Giribabu	"Donor- $\pi$ -Acceptor" concept based porphyrin and metal-free organic sensitizers for dye- sensitized solar cells
164	Gargi Kundu (10CC17A26014) & 30.12.2022	CSIR-NCL, Pune	Dr. Sakya Singh Sen	An excursion into the chemistry of more nucleophilic saturated N-heterocyclic carbenes
165	Patil Amol Dnyandev (10CC19A18025) & 30.12.2022	CSIR-IICT, Hyderabad	Dr. Raji Reddy Chada	Development of alkyne-assisted annulations to pyran & pyrone frameworks and process for rac-Pregabalin
166	M.V. Subba Rao Muppidi (10CC19J18007) & 30.12.2022	CSIR-IICT, Hyderabad	Dr. Raji Reddy Chada	Transition metal-catalyzed alkyne assisted annulations towards synthesis of Aza- Heterocycles and spirotrienones
167	Yendrapati Taraka Prabhu (10CC17A18011) & 30.12.2022	CSIR-IICT, Hyderabad	Dr. Ujjwal Pal	Engineering of metal oxide/sulphide-semiconductor photocatalysts for H <sub>2</sub> production and CO <sub>2</sub> reduction to methanol
168	M Sandhiya (10CC18J05005) & 30.12.2022	CSIR-CECRI, Karaikudi	Dr. M. Sathish	Strategies to enhance the electrochemical performance



				of graphene-based electrodes for supercapacitor application
169	Nagender Thadem (10CC17A18024) & 11.01.2023	CSIR-IICT, Hyderabad	Dr. Saibal Das	Metal-free novel approaches for the synthesis of pyrrolidine based fused polyheterocyclic new scaffolds and improvised routes to synthetic nictines
170	Saikat Bolar (10CC19J12002) & 11.01.2023	CSIR-CMERI, Durgapur	Dr. Tapas Kuila	Development of molybdenum disulphide based electrocatalyst for hydrogen evolution reaction in acidic and alkaline medium
171	Shubham Srivastav (10CC19J10001) & 11.01.2023	CSIR-CIMAP, Lucknow	Dr. C S Chanotiya	Chemical investigation of some commercially important aromatic plants of lamiaceae family
172	Kajare Roshan Chandrakant (10CC17J18013) & 11.01.2023	CSIR-IICT, Hyderabad	Dr. Raji Reddy Chada	Development of synthetic strategies to pyrrolo-indoles, [1,2]-oxazines and benzo-fluorenones via alkyne-assisted annulations
173	Wadekar Ketan Bhimrao (10CC17A18035) & 16.01.2023	CSIR-IICT, Hyderabad	Dr. Ch. Raji Reddi	Development of novel approaches for the synthesis of benzocoumarins, phenanthridines and benzofurans
174	Madhuri Gupta (10CC18J10011) & 17.01.2023	CSIR-CIMAP, Lucknow	Dr. Prasanta Kumar Rout	Valorization of Boswellia serrata oleo-gum resin
175	Vankudoth Ramesh (10CC17A18013) & 17.01.2023	CSIR-IICT, Hyderabad	Dr. Praveen Kumar Reddy	Visible-light-induced functionalization of heterocycles and total synthesis of sesquiterpenoid Phellilane L
176	Thopate Satish Bhausaheb (10CC17J18011) & 19.01.2023	CSIR-IICT, Hyderabad	Dr. Rambabu Chegondi	The stereoselective desymmetrization of $\alpha$ , $\beta$ -unsaturated carbonyl-tethered prochiral-cyclohexadienones via cascade cyclization.
177	Kartic Manna (10CC17J17004) & 19.01.2023	CSIR-IICB, Kolkata	Dr. Ranjan Jana	Development of novel methodologies for carbon-carbon and carbon-heteroatom bond formation
178	David Dayanidhi P (10CC19J11001) & 23.01.2023	CSIR-CLRI, Chennai	Dr. V. G. Vaidyanathan	Recognition of DNA damage by transition metal complexes
179	K. Sanjeev (10CC17J18006) & 31.01.2023	CSIR-IICT, Hyderabad	Dr. Chandrasekhar Srivari	Development of aryne triggered strategies to skeletal-diverse scaffolds of malabaricol and cycloalkyl-fused naphthalenes



<b>180</b>	Kuldeep Kumar Garg (10CC16A32024) & 06.02.2023	CSIR-NPL, Delhi	Dr. Rajiv Kumar Singh	Synthesis of carbon based 2D-Nanomaterial from solid waste for energy conversion & storage applications
<b>181</b>	Medishetti Nagaraju (10CC18A18033) & 06.02.2023	CSIR-IICT, Hyderabad	Dr. Krishnaiah Atmakur	Novel strategies for synthesis of pyridine fused heterocycles & transformation of 4H-chromenes into dihydrobenzofurans
<b>182</b>	Bhojanaa K B (10CC18J05006) & 12.02.2023	CSIR-CECRI, Karaikudi	Dr. A. Pandikumar	Exploring efficient photoanode materials for dye-sensitized solar cells
<b>183</b>	Harwinder Singh (10CC18A16008) & 23.02.2023	CSIR-CSMCRI, Bhavnagar	Dr. Sumit Kumar Pramanik	Molecular probe and nano-structured material as organelle specific imaging reagents
<b>184</b>	Jogdand Shunottara Milind (10CC17A26012) & 23.02.2023	CSIR-NCL, Pune	Dr. R. Nandini Devi	Ceramic and composite membranes for separation and catalysis
<b>185</b>	Sumit Das (10CC17J17005) & 23.02.2023	CSIR-IICB, Kolkata	Dr. 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
<b>186</b>	Nidhankar Aakash Deepakrao (10CC17J26016) & 23.02.2023	CSIR-NCL, Pune	Dr. Santhosh Babu Sukumaran	Organic room-temperature phosphorescent and thermally activated delayed fluorescent small molecules: Efficiency Vs Processability for lighting application
<b>187</b>	Gauri Duarah (10CC16A38004) & 23.02.2023	CSIR-NEIST, Jorhat	Dr. Sanjib Gogoi	Studies on metal-catalyzed synthesis of spiro-pentacyclic naphthalenones, pyrido quinazolinones and cinnolines
<b>188</b>	Naghma Khan (10CC18J32010) & 24.02.2023	CSIR-NPL, New Delhi	Dr. N. Vijayan	Synthesis and intrinsic studies on optical single crystals for nonlinear optical applications
<b>189</b>	Riyaz Ahmed (10CC17A37024) & 17.03.2023	CSIR-IIIM, Jammu	Dr. Parvinder Pal Singh	Exploring s-Trichlorotriazine (TCT) for its synthetic and medicinal chemistry applications
<b>190</b>	Kumar S (10CC15J26019) & 17.03.2023	CSIR-NCL, Pune	Dr. K Krishnamoorthy	Heteroatom doped materials for Li-S battery applications
<b>191</b>	Neha Chalotra (10CC19A37046) & 17.03.2023	CSIR-IIIM, Jammu	Dr. Bhahwal Ali Shah	Exploration of reactive behaviour of vinylic radicals emanating from alkynes via photoredox catalysis
<b>192</b>	Shivaraju G C (10CC17J05003) & 17.03.2023	CSIR-CECRI, Karaikudi	Dr. A S Prakash	Non-precious electrocatalysts for rechargeable metal-air battery



<b>193</b>	Chetan Kumar (10CC17A37025) & 17.03.2023	CSIR-IIIM, Jammu	Dr. D. Srinivasa Reddy	Phytochemical investigation of medicinal plants and synthetic modification of natural products
<b>194</b>	Malegaonkar Jotiram Nagnath (10CC18J18008) & 17.03.2023	CSIR-IICT, Hyderabad	Dr. Sidhanath Vishwanath Bhosale	Design, synthesis, self-assembly and applications of $\pi$ - conjugated molecular architecture bearing phosphonate and sulfonate functional groups
<b>195</b>	Naikwadi Dhanaji Rajaram (10CC19A16013) & 17.03.2023	CSIR- CSMCRI, Bhavnagar	Dr. Ankush V Biradar	Studies on the reactivity of active methylene compounds towards fine chemicals synthesis using heterogeneous catalysts
<b>196</b>	Kul The Arun Dattatray (10CC17J18007) & 17.03.2023	CSIR-IICT, Hyderabad	Dr. Prathama S. Mainkar	Visible-light promoted 1,4- quinone functionalizations and unactivated alkene difunctionalization
<b>197</b>	Jaimy Scaria (10CC18A27026) & 17.03.2023	CSIR- NEERI, Nagpur	Dr. Nidheesh P. V	Reduced graphene oxide - magnetite composite as heterogeneous fenton catalysts for the removal of emerging contaminants
<b>198</b>	Ramar P (10CC17J11001) & 17.03.2023	CSIR-CLRI, Chennai	Dr. Debasis Samanta	Synthesis and grafting of conjugated heterocyclic polymers to surfaces
<b>199</b>	Salman Jameel (10CC17A37023) & 29.03.2023	CSIR-IIIM, Jammu	Dr. Khursheed Ahmad Bhat	Bioprospecting natural products from <i>Senecio graciliflorus</i> and <i>Salvia sclarea</i>
<b>200</b>	Murugan. C (10CC18J05007) & 29.03.2023	CSIR-CECRI, Karaikudi	Dr. A. Pandikumar	Rational design and fabrication of bismuth based photoanodes for photoelectrocatalytic water splitting
<b>201</b>	Mohit Kumar (10CC17A04027) & 29.03.2023	CSIR-CDRI, Lucknow	Dr. Dipankar Koley	Copper catalyzed/mediated C-N bond formation via cross- dehydrogenative coupling: directing group assisted amination, amidation, imidation and sulfoximation to privileged scaffolds
<b>202</b>	Sonu Bhandari (10CC17A19007) & 29.03.2023	CSIR-IIP, Dehradun	Dr. Rajaram Bal	Synthesis of nanostructured catalyst for the selective oxidation of hydrocarbons
<b>203</b>	Yerramsetti Naga Samba Siva Rao (10CC17J18009) & 29.03.2023	CSIR-IICT, Hyderabad	Dr. Chandras ekhar Srivari	Synthetic strategies towards (+)- resiniferatoxin, substituted naphthalenes and spiroindanolactones/lactams
<b>204</b>	Reethu Haridas (10CC16J39003) & 29.03.2023	CSIR-NIIST, Thiruvananthapuram	Dr. Yoosaf K	Design, synthesis, photophysical and electrochemical characterization of metal free organic dyes for DSSC application



205	Vipin K Raj (10CC18A26017) & 29.03.2023	CSIR-NCL, Pune	Dr. Kumar Vanka	Computational studies into Ziegler-Natta catalysis
-----	---	-------------------	--------------------	---

## Engineering Sciences

S. No.	Name of the student (Enrollment Number) & date of award of degree	AcSIR Academic Centre/Associate Academic Centre	Name of the Supervisor	Title of Thesis
1	Anand Abhishek (32EE14A06005) & 07.04.2022	CSIR-CEERI, Pilani	Dr. Shaik Ali Akbar	Design, analysis and control of DC-DC converter for DC microgrid and pulse power applications
2	Botch Neelam Naidu (20EE14A19002) & 07.04.2022	CSIR-IIP, Dehradun	Dr. V VDN Prasad	Oxidative conversion of methane to fuels
3	Bhongale Priyanka Vishwanath (20EE17A26038) & 07.04.2022	CSIR-NCL, Pune	Dr. Sunil Joshi	An investigation into alkylation of hydroxybenzenes to industrial useful chemicals
4	Bhukya Venkanna (20EE16A32039) & 21.04.2022	CSIR-NPL, New Delhi	Dr. Rina Sharma	RF specific absorption rate (SAR) evaluation by analytical and measurement techniques
5	G. S. Ayyappan (20EE16A05006) & 21.04.2022	CSIR- CECRI, Karaikudi	Dr. B. Ramesh Babu	Study and implementation on condition monitoring and fault diagnosis of induction machine on continuous operation
6	Vipender Singh Negi (20EE15J15005) & 25.04.2022	CSIR-CSIO, Chandigarh	Dr. Umesh Kumar Tiwari	Study & numerical analysis of sub-aperture precision polishing
7	Kamdi Prophezar Madhukar (20EE14A26053) & 27.04.2022	CSIR-NCL, Pune	Dr. Ashish V Orpe	Study of pressure driven flow of Laponite suspension through a cylindrical tube
8	Varun (30EE15A06012) & 05.05.2022	CSIR-CEERI, Pilani	Dr. Udit Narayan Pal	Studies on pseudospark discharge based electron beam source for the generation of extreme ultraviolet (EUV) and soft X-ray radiations
9	Rahul Kumar (20EE16A32036) & 08.05.2022	CSIR-NPL, New Delhi	Dr. Sanjay Yadav	Design, development and analysis of wireless pressure measuring devices
10	Vipan Kumar (20EE15J15008) & 08.05.2022	CSIR-CSIO, Chandigarh	Dr. Vinod Karar	Thermal and electromagnetic interference analysis of electronic systems using ferrofluid based cooling
11	Muzzamil Khan Yusuf (20EE14A26055) & 08.05.2022	CSIR-NCL, Pune	Dr. Sunil Joshi	Gas-liquid-liquid-solid hydrogenation systems



12	Vijaya Kumar M P (20EE14A24001) & 11.05.2022	CSIR-NAL, Bangaluru	Dr. S Raja	Studies on multifunctional conductive composites for morphing UAV wing
13	Shailendra Kumar Singh (20EE18A43005) & 24.05.2022	CSIR-CIMFR, Dhanbad	Dr. K K K Singh	As assessment and characterization of dust in and around Jharia coalfields region, Jharkhand, India with emphasis on control measures
14	Niranjan K (20EE17J24001) & 24.05.2022	CSIR-NAL, Bangaluru	Dr. Harish C. Barshilia	Design and fabrication of WAISiN based spectrally selective solar absorber coating for high temperature solar thermal applications
15	Arelli Vijaya Lakshmi (20EE18A18046) & 08.06.2022	CSIR-IICT, Hyderabad	Dr. Gangagni Rao Anupaju	Solid state anaerobic digestion of organic waste: An improved approach to obtain high quality biogas and biomanure
16	Dilip Makhija (20EE14A31003) & 08.06.2022	CSIR-NML, Jamshedpur	Dr. R.K. Rath	Physical and Pyro-metallurgical studies on LD slag for recovery of iron minerals with acceptable phosphorus
17	Debeshi Dutta (20EE16A12001) & 08.06.2022	CSIR-CMERI, Durgapur	Dr. Soumen Sen	Assessment of grasp ability of stroke survivors: a machine learning based approach
18	Santosh Kumar Yadav (20EE16A06006) & 30.06.2022	CSIR-CEERI, Pilani	Dr. S. A. Akbar	Unobtrusive multimodal human activity recognition
19	Nikita Vashistha (20EE16A32040) & 30.06.2022	CSIR-NPL, New Delhi	Dr. Rajiv Kumar Singh	Study of plasmonics and meta-materials for optoelectronic devices
20	Dilip Muchhala (20EE16A35001) & 30.06.2022	CSIR-AMPRI, Bhopal	Dr. D. P. Mondal	Studies on deformation response of LM-13-cenosphere-CNTs hybrid foams
21	Shadab Alam (20EE16J18022) & 12.07.2022	CSIR-IICT, Hyderabad	Dr. C. Sumana	Design of efficient sorption enhanced chemical looping reforming processes for high purity H <sub>2</sub> production with inherent CO <sub>2</sub> capture
22	Ammasi A (32EE14A31002) & 12.07.2022	CSIR-NML, Jamshedpur	Dr. Dr. Jagannath Pal	Effect of different sources of in-situ carbon and its reaction mechanism in hematite ore pellet
23	Kiran Lata Bhaskar (20EE13A36006) & 21.07.2022	CSIR-IMMT, Bhubaneswar	Dr. Bhagyadhar Bhoi	Study on thermal upgrading of chromite overburden for enrichment of Ferro-Nickel
24	Veeresh gouda (20EE17J24002) & 02.08.2022	CSIR-NAL, Bangaluru	Dr. P K Panda	A study on preparation and characterization of polymer nanofiber membranes by electrospinning process for filtration applications
25	Rashtrapriya Kumar Kapri (20EE16A32037) & 02.08.2022	CSIR-NPL, New Delhi	Dr. Parag Sharma	Design and development of photon counting system



26	Prashant Kumar (20EE17A06006) & 02.08.2022	CSIR-CEERI, Pilani	Dr. K Solomon Raju	IoT enabled diagnosis and prognosis framework for structural health monitoring
27	SHAILENDRA KUMAR SINGH (20EE16J09001) & 16.08.2022	CSIR-CGCRI, Kolkata	Dr. Mukul Chandra Paul	Study and realization of nanocomposite thin film material-based fiber optic sensor for the detection of gases and chemical species
28	Amit Kumar (20EE17J06003) & 18.08.2022	CSIR-CEERI, Pilani	Dr. Deepak Bansal	Design and development of large aperture MEMS micromirror platform for multiobject spectroscopy
29	Bukke Vani (20EE18A18045) & 18.08.2022	CSIR-IICT, Hyderabad	Dr. S. Sridhar	Development of advanced separation processes for treatment of aqueous/organic streams and isolation of value-added products
30	Shikha (20EE17A15009) & 24.08.2022	CSIR-CSIO, Chandigarh	Dr. Vinod Karar	Feature based vehicle tracking and occlusion handling
31	Anuroop Bajpai (20EE17A06004) & 29.08.2022	CSIR-CEERI, Pilani	Dr. Deepak Bansal	High isolation large bandwidth SPDT RF MEMS switch
32	Sumeet Saurav (32EE14A06008) & 29.08.2022	CSIR-CEERI, Pilani	Dr. Sanjay Singh	Vision-based intelligent embedded systems for human assistance
33	Sarla (20EE17J32020) & 05.09.2022	CSIR-NPL, New Delhi	Dr. Sumit Kumar Mishra	Effect of aerosol physico-chemical properties on direct radiative forcing
34	Gaurav Dwivedi (20EE16A15011) & 21.09.2022	CSIR-CSIO, Chandigarh	Dr. Raj Kumar	Investigations on compact digital holographic systems for non-destructive testing applications
35	Abhishek Kumar Chauhan (20EE16A32038) & 27.09.2022	CSIR-NPL, New Delhi	Dr. Pankaj Kumar	Understanding the degradation of photovoltaic properties and their prevention in perovskite solar cells
36	Kashif Quamar Inqalabi (20EE15J14001) & 27.09.2022	CSIR-CRRI, New Delhi	Dr. Rajeev Kumar Garg	Seismic reliability assessment of bridges in a transportation corridor subjected to mainshock-aftershock considering intersections
37	Prabhat Kumar Baghel (20EE14A15008) & 04.10.2022	CSIR-CSIO, Chandigarh	Dr. Raj Kumar	Investigations to improve performance of finishing on glass through line contact magnetorheological finishing
38	Rajesh (20EE15J15009) & 11.10.2022	CSIR-CSIO, Chandigarh	Dr. N S Aulakh	Studies on radiofrequency cold plasma treatment for seed germination
39	J. Sivaprashanth (20EE13A18042) & 14.10.2022	CSIR-IICT, Hyderabad	Dr. K. Yamuna Rani	Impact of mobile element's tour on energy consumption in wireless sensor networks
40	Chitragupta Swaroop Chitransh	CSIR-AMPRI, Bhopal	Dr. S Saxena	Fatigue and fracture evaluation of MMC using experimental and simulation techniques



	(20EE17A35004) & 27.10.2022			
41	Pooja Gupta (20EE15A15001) & 01.11.2022	CSIR-CSIO, Chandigarh	Dr. S. Mondal	Bio-sample imaging with refractive index measurement using common-path low coherence interferometry and besel beam
42	Shailesh Mohine (20EE16J15010) & 04.11.2022	CSIR-CSIO, Chandigarh	Dr. B S Bansod	Analysis of moving vehicle detection and classification techniques using acoustic signal processing
43	Devendra Singh Parihar (20EE17A15019) & 04.11.2022	CSIR-CSIO, Chandigarh	Dr. H.K. Sardana	Elephants' movement detection in the forest environment using seismic signal decomposition
44	Patil Pravin Bhikaji (20EE17A26033) & 18.11.2022	CSIR-NCL, Pune	Dr. Vinay Manoharrao Bhandari	Studies in degradation/removal of pollutants/organics using cavitation
45	Vishakha Pareek (20EE16A06001) & 21.11.2022	CSIR-CEERI, Pilani	Dr. Sanjay Singh	Machine learning techniques for electronic nose systems
46	Mukesh Kumar (32EE15A41007) & 29.11.2022	CSIR-SERC, Chennai	Dr. P. Harikrishna	Augmented small wind turbine & NILM based energy monitoring for wind & solar hybrid system
47	Vipul Pandey (30EE15A06009) & 05.12.2022	CSIR-CEERI, Pilani	Dr. Suchandan Pal	Design and development of periodic photonic nanostructures for sensing applications in the visible region
48	Yogesh Kumar (20EE16A15006) & 06.12.2022	CSIR-CSIO, Chandigarh	Dr. Sanjeev Kumar	Non-invasive estimation of blood hemoglobin using near-infrared spectrophotometry
49	Premkumar M (32EE15A31004) & 06.12.2022	CSIR-NML, Jamshedpur	Dr. Rajat K. Roy	Studies on high induction soft magnetic FeSiB(P)NbCu nanocomposite alloys
50	Naini Garg (20EE17A15010) & 12.12.2022	CSIR-CSIO, Chandigarh	Dr. Amit Lochan Sharma	Metal-organic frameworks and its composites for electrochemical sensing of environmental analytes
51	Borole Umesh Pramod (20EE16J24006) & 12.12.2022	CSIR-NAL, Bangaluru	Dr. Prasanta Chowdhury	Development of giant magnetoresistance (GMR) based current sensors
52	Shailesh Kushwah (20EE15J35003) & 16.12.2022	CSIR-AMPRI, Bhopal	Dr. M. Mudgal	Development of fly ash based solid form geopolymetric binder useful for constructional applications
53	Shivanshu Mishra (30EE15A06006) & 16.12.2022	CSIR-CEERI, Pilani	Dr. Ing. Nidhi Chaturvedi	Design and development of GaN HEMT based sensors
54	Navin Singhal (20EE15A06003) & 23.12.2022	CSIR-CEERI, Pilani	Dr. Abhijit Karmakar	Design of neuromorphic circuits for data conversion, readout & digital processing



55	K. Sandeepa (20EE17J18042) & 23.12.2022	CSIR-IICT, Hyderabad	Dr. T. Prathap Kumar	Thermodynamics of crystallization of industrially important chemicals: Measurement and modeling of solid-liquid equilibrium for pure components, binary and ternary systems
56	Anshul Yadav (20EE19A16001) & 30.12.2022	CSIR- CSMCRI, Bhavnagar	Dr. Pawan K Labhasetwar	Membrane distillation process for high saline and waste water treatment
57	SHARANAGOUDA (20EE17J24004) & 04.01.2023	CSIR-NAL, Bangaluru	Dr. CM Manjunatha	Damage tolerance evaluation of nickel based super alloys under spectrum loads
58	Manisha Sharma (20EE16J15005) & 04.01.2023	CSIR-CSIO, Chandigarh	Dr. Suman Singh	Investigation of biocompatible nanomaterials for orthopedic applications
59	Sonu Kumar (30EE14A41011) & 04.01.2023	CSIR-SERC, Chennai	Dr. C. Sethuraman	Design and development of smart controller for monitoring the performance of solar-wind hybrid system and simulation studies for size optimisation
60	Puja Mitra (20EE16J12001) & 11.01.2023	CSIR- CMERI, Durgapur	Dr. Samik Dutta	Study of size-based isolation and detection of circulating tumour cells (cancer cells) using microfluidics and image processing
61	Tarandeep Singh (20EE16J15013) & 17.01.2023	CSIR-CSIO, Chandigarh	Dr. Neerja Garg	Non-destructive quality evaluation of Barley using Near- infrared Hyperspectral Imaging
62	S. Koilraj Jebakumar (20EE14A24005) & 19.01.2023	CSIR-NAL, Bangaluru	Dr. Abhay Pashilkar	Control design for carefree maneuvers in high performance Fighter Aircraft
63	Beneyaz Ara Begum (20EE14J18084) & 30.01.2023	CSIR-IICT, Hyderabad	Dr. Raji Reddy Chada	Fault-tolerant data aggregation scheduling in wireless sensor networks
64	Bhaumik Sutariya (20EE18A16016) & 30.01.2023	CSIR- CSMCRI, Bhavnagar	Dr. Hiren Dinkarray Raval	Effects of hydrodynamics on membrane performance in pressure-assisted membrane- based separation processes
65	Bharadwaja Yathirajam (20EE16J24004) & 06.02.2023	CSIR-NAL, Bangaluru	Dr. S.M. Vaitheeswaran	Computationally efficient on- board vision-inertial navigation for obstacle detection and avoidance of unmanned autonomous systems
66	Biraj Kumar Sahoo (32EE15A31003) & 06.02.2023	CSIR-NML, Jamshedpur	Dr. Sandip Ghosh Chowdhury	Process, microstructure and deformation behavior of Al and Ni added medium-Mn steels
67	Nishant Raj Kapoor (20EE19J01004) & 14.02.2023	CSIR- CBRI, Roorkee	Dr. Ashok Kumar	Prediction of viral transmission probability in buildings
68	Arjita Das (20EE15A12001) & 14.02.2023	CSIR- CMERI, Durgapur	Dr. Sudip Kumar Samanta	Fiber Bragg Grating based sensor system for monitoring Uniform Spark Gap across multi tools in Parallel spark Micro-EDM



69	Ashutosh Kumar Mishra (20EE18J27005) & 23.02.2023	CSIR-NEERI, Nagpur	Dr. Paras Ranjan Pujari	Optimum water requirement study for orange orchards using in-situ measurements in Central India
70	Gaikwad Bipin Jairaj (30EE15A06005) & 01.03.2023	CSIR-CEERI, Pilani	Dr. Abhijit Karmakar	Multi-person tracking and search for smart surveillance over distributed cameras using deep learning algorithms
71	Yamini Mittal (20EE17A36010) & 01.03.2023	CSIR-IMMT, Bhubaneswar	Dr. Asheesh K Yadav	Design and development of biotechnological processes for treating selected pollutants of the aqueous environment
72	Amit Pandey (20EE17J15006) & 02.03.2023	CSIR-CSIO, Chandigarh	Dr. Samir K. Mondal	Optical fiber axicon tip packaging and Bessel beam interferometry for refractometer development
73	Afaqul Zafer (32EE15A32003) & 17.03.2023	CSIR-NPL, Delhi	Dr. Sanjay Yadav	Studies on design and development of dynamic hydraulic pressure measurement system
74	Shalini Basetty (20EE19J18002) & 17.03.2023	CSIR-IICT, Hyderabad	Dr. T. Kumaraguru	Studies in performance of various bioreactors for biotransformations
75	Siddhartha Sarkar (20EE14A15004) & 29.03.2023	CSIR-CSIO, Chandigarh	Dr. Bhargab Das	Evolutionary computing approach for earthquake early warning

## Mathematical and Information Sciences

S. No.	Name of the student (Enrollment Number) & date of award of degree	AcSIR Academic Centre/Associate Academic Centre	Name of the Supervisor	Title of Thesis
1	Shilpa (10MM13A30005) & 02.08.2022	CSIR-NISTADS, New Delhi	Dr. Sujit Bhattacharya	Indo-French S&T collaboration and its impact on innovation system: Case study of bilateral S&T organisations
2	Priyamvadah Kint (10MM13A30001) & 10.10.2022	CSIR-NISTADS, New Delhi	Dr. Yogesh Suman	Nutraceuticals as dietary supplements: An assessment of consumer experience
3	Saritha C (10MM13A44001) & 27.10.2022	CSIR-URDIP, Pune	Dr. Paromita Banerjee	Evergreening in pharmaceutical industry: An implication of patenting strategies
4	Biju D (10MM18A42011) & 20.12.2022	CSIR-NIScPR, New Delhi	Dr. G. Mahesh	Gender and geographical dimensions of science communication in India: A case study of Science Reporter



## Physical Sciences

S. No.	Name of the student (Enrollment Number) & date of award of degree	AcSIR Academic Centre/Associate Academic Centre	Name of the Supervisor	Title of Thesis
1	Reetu Rani (10PC16J15002) & 07.04.2022	CSIR-CSIO, Chandigarh	Dr. Suman Singh	Synthesis and characterization of metal organic frameworks for detection of antibiotics
2	Saumya Silori (10PP16A29005) & 07.04.2022	CSIR-NIO, Goa	Dr. Haimanti Biswas	Organic matter dynamics associated with physicochemical variability in the eastern and the central Arabian Sea
3	Leena Kumari (10PP17A32016) & 07.04.2022	CSIR-NPL, New Delhi	Dr. S. Swarupa Tripathy	Study on heavy metal contaminants and artificial colorants in saffron
4	Sikha Hiloidari (10PP18A28016) & 27.04.2022	CSIR-NGRI, Hyderabad	Dr. Srinivasa Sarma D	Tectono-magmatic evolution of the girar greenstone belt, Bundelkhand craton, India: Geochemical and isotopic constraints from metavolcanic rocks
5	Rafat Quamar (10PP17A27008) & 29.04.2022	CSIR-NEERI, Nagpur	Dr. Paras R. Pujari	Groundwater development and management in basaltic terrain in central India through integrated hydrogeological and geophysical studies
6	Sadiya Waseem (10PP16A32019) & 29.04.2022	CSIR-NPL, New Delhi	Dr. Priyanka H. Maheshwari	Development of carbon fiber based composites for advanced energy applications
7	Pooja Yadav (10PP16A28008) & 10.05.2022	CSIR-NGRI, Hyderabad	Dr. Srinivasa Sarma D	Geochronology and geochemistry of Paleoproterozoic mafic dykes from the Western Dharwar Craton, India
8	Sandhya Jose (10PP16A32018) & 24.05.2022	CSIR-NPL, New Delhi	Dr. Sachchidanand Singh	Study of aerosol cloud radiation interactions using satellite and ground based observations
9	Adhila T K (10PP15J24003) & 24.05.2022	CSIR-NAL, Bangaluru	Dr. Harish C. Barshilia	Growth mechanism and optical properties of the slanted, kinked and straight silicon nanowires
10	Jadhav Asmita Sumersinh (10PP15A27001) & 08.06.2022	CSIR-NEERI, Nagpur	Dr. Nitin Kumar Labhasetwar	Development of low cost adsorbents for removal of selenium from drinking water
11	Amit Kumar (10PP15A32001) & 30.06.2022	CSIR-NPL, New Delhi	Dr. Rajiv Kumar Singh	Defect states investigation at the interface and in the bulk of the organic and perovskite solar cells



12	Sai Kiran B (10PP18A28009) & 30.06.2022	CSIR-NGRI, Hyderabad	Dr. P.S.R. Prasad	Gas hydrates for capture, storage and transportation of greenhouse gases
13	Suman Kumari (10PP16J32001) & 30.06.2022	CSIR-NPL, New Delhi	Dr. H K Singh	Growth and characterization of superconductor-ferromagnetic multilayers
14	Nair Aparna Madhusudan (10PP15A27004) & 30.06.2022	CSIR- NEERI, Nagpur	Dr. Krishna Khairnar	Bacteriophage based biocontrol of multi-drug resistant Enterobacter cloacae
15	Shital Chauhan (10PP16A32005) & 30.06.2022	CSIR-NPL, New Delhi	Dr. H. K. Singh	Growth, structure, and magneto-transport in oxide FM/AFM superlattices/heterostructures
16	Bikas Gajar (10PP15A32003) & 21.07.2022	CSIR-NPL, New Delhi	Dr. Sangeeta Sahoo	Fabrication and electronic transport studies of Nb based binary superconducting thin films
17	Laxmi Pandey (10PP18A28025) & 21.07.2022	CSIR-NGRI, Hyderabad	Dr. Kalachand Sain	Rock physics for anisotropy of gas hydrates reservoir in Krishna- Godavari basin
18	Shweta (10PP16A32006) & 02.08.2022	CSIR-NPL, New Delhi	Dr. S.R. Dhakate	Studies on the development and characterisation of carbon- based materials for energy applications
19	Jyoti (10PP16J32003) & 02.08.2022	CSIR-NPL, New Delhi	Dr. Ajay Kumar Shukla	Defect engineering in KTaO <sub>3</sub> and LaCrO <sub>3</sub> perovskite oxides
20	Monika (10PP17A26045) & 16.08.2022	CSIR-NCL, Pune	Dr. Pankaj Poddar	Physics of transition metal chalcogenides based on deeper investigation of their phase-diagram and crystal growth mechanism
21	Shrikant Dora (10PP14A29006) & 16.08.2022	CSIR-NIO, Goa	Dr. Aparna Saieesh Gandhi	Study of trajectories of the surface drifters and characteristics of loops and eddies derived from the trajectories in the north Indian Ocean
22	Rahul Patel (10PP18A28005) & 29.08.2022	CSIR-NGRI, Hyderabad	Dr. Srinivasa Sarma D	Magma chamber dynamics and petrogenesis of mafic dykes from the Singhbhum-Chotanagpur region, India
23	Damini (10PP16A32017) & 29.08.2022	CSIR-NPL, New Delhi	Dr. Ved Varun Agrawal	Development of sensing techniques for psychotropic drugs
24	Ashish Kumar (10PP18A32083) & 29.08.2022	CSIR-NPL, New Delhi	Dr. Vidya Nand Singh	Development and characterizations of Heusler based thermoelectric materials for the enhanced figure of merit
25	Rubiya Banoo (10PP18A32041) & 12.09.2022	CSIR-NPL, New Delhi	Dr. Sudhir Kumar Sharma	Source identification and quantification of particulate matter using receptor model over the National Capital Region of India



26	Hanna B. (10PP16J39007) & 07.10.2022	CSIR-NIIST, Thiruvana nthapura m	Dr. Narayanan Unni K N	Studies on visible-blind ultraviolet photodetectors with low voltage operation using zinc oxide nanostructures
27	Venkatarao Ajaykumar (10PP17J28003) & 27.10.2022	CSIR-NGRI, Hyderaba d	Dr. Nepal Chandra Mondal	Impact analysis of variation in natural groundwater recharge on sustainability of its reserves in semi-arid region
28	Vijitha I (10PP14A39010) & 28.10.2022	CSIR-NIIST, Thiruvana nthapura m	Dr. Biswapriya Deb	Organic-based hybrid materials for thermoelectric applications
29	Padmavathi Bevara (10PP16J28001) & 01.11.2022	CSIR-NGRI, Hyderaba d	Dr. Virendra Mani Tiwari	Assessment of external and internal forcing on Indian temperature variability: Implications on total water storage changes
30	Sumit Kumar (10PP16A32013) & 29.11.2022	CSIR-NPL, New Delhi	Dr. Anjana Dogra	Exploration of quasi 2- dimensional electron gas at LaScO <sub>3</sub> /SrTiO <sub>3</sub> & CaTa <sub>2</sub> O <sub>6</sub> /SrTiO <sub>3</sub> interface
31	Kishor Kumar Johari (10PP17A32006) & 12.12.2022	CSIR-NPL, New Delhi	Dr. Bhasker Gahtori	Study of ZrNiSn-based half- heusler materials for thermoelectric applications
32	Shweta Tomer (10PP17J32008) & 30.12.2022	CSIR-NPL, New Delhi	Dr. Vandana	Thermal ALD deposited hafnium oxide thin films for silicon surface passivation
33	Jayadev V. (10PP16A39009) & 30.12.2022	CSIR-NIIST, Thiruvana nthapura m	Dr. K. N. Narayanan Unni	Evaluating interfacial charge transfer dynamics in dye- sensitized solar cells using organic dyes
34	Neha Bura (10PP17A32008) & 17.01.2023	CSIR-NPL, Delhi	Dr. Nita Dilawar Sharma	Structural investigations on rare earth oxides & scandates under extreme conditions of pressure and temperature
35	Bal Govinda (10PP18A32056) & 30.01.2023	CSIR-NPL, New Delhi	Dr. V.P.S. Awana	Investigation of structural and magnetic properties of half and full-heusler based magnetic materials
36	Sadaf Fatima (10PP16A32016) & 23.02.2023	CSIR-NPL, New Delhi	Dr. Sumit Kumar Mishra	Physico-chemical properties of atmospheric aerosols: Implications to human health
37	Amit Kumar Mauraya (10PP17J32004) & 01.03.2023	CSIR-NPL, Delhi	Dr. M. Senthil Kumar	Preparation and characterization of junction- engineered metal oxide based gas sensors for CO detection



## Societal Programs

S. No.	Name of the Student	Name of the Supervisor	Title of Societal Program	AcSIR Academic Centre/Institute
1	Rashid PP (10CC14A26021)	Gangadhar Jessy Sanjayan	Efforts to mitigate spread of Covid-19 in rural India	CSIR-NCL, Pune
2	Anand Abhishek (32EE14A06005)	Shaik Ali Akbar	Design and development of smart and efficient solar-based Li-ion battery charger	CSIR-CEERI, Pilani
3	Shakti Sagar (10BB18A02002)	Anurag Agrawal	Evaluation and applicability of saliva based rapid COVID detection coupled with In-house viral genotype surveillance (EASy-CoViGS)	CSIR-IGIB, New Delhi
4	Abhinav Jain (10BB16A02001)	Vinod Scaria	Protocol for amplification of IDUA genomic loci for sequencing in Mucopolysaccharidosis type I	CSIR-IGIB, New Delhi
5	Sreelekshmi Mohan (10BB16A39017)	Raghu K.G.	Detection of Formaldehyde and Ammonia Content in Three Common Marine Fishes from Different Urban and Rural Areas of Trivandrum District.	CSIR-NIIST, Thiruvananthapuram
6	Reetu Rani (10PC16J15002)	Suman Singh	Removal of Surfactants from Laundry Wastewater	CSIR-CSIO, Chandigarh
7	Dhananjay Doke (10CC16A26015)	Shubhangi Umbarkar	Eco-Friendly Ganesh Visarjen: Implementation and awareness	CSIR-NCL, Pune
8	Bijoy Biswas (10CC17A19003)	Thallada Bhaskar	Analysis of waste management in local area	CSIR-IIP, Dehradun
9	Anisetty Lakshman Kumar (10CC15A05002)	S. Vengatesan	Report on Ground Water Quality in Karaikudi, Tamil Nadu	CSIR-CECRI, Karaikudi
10	Botch Neelam Naidu (20EE14A19002)	V VDN Prasad	Bio Waste Utilization & Management	CSIR-IIP, Dehradun
11	Sibananda Gourisankar Dash (10CC16A04034)	Tejender S Thakur	Psychological effect of lockdown due to Covid-19	CSIR-CDRI, Lucknow



			outbreak on research scholars	
12	Saumya Silori (10PP16A29005)	Haimanti Biswas	A case study of the Mandovi-Zuari estuarine complex to identify the regions that could be harmful for fishing activities	CSIR-NIO, Goa
13	Shrikant Karegaonkar (10BB14J26021)	Thulasiram H V	Gravity based water purification technology to improve the health of school children	CSIR-NCL, Pune
14	Athar Husain (10BB18A04003)	Jiaur Rahaman Gayen	Survey on assessment of knowledge and attitudes towards obesity and related disorders in Bakshi Ka Talab	CSIR-CDRI, Lucknow
15	Nalban Nasiruddin (10BB16A18065)	Sistla Ramakrishna	Phytochemicals in Rheumatoid arthritis prevention and therapy: a complementary approach with promising perspectives	CSIR-IICT, Hyderabad
16	Sonam Paliya (10BB17A27010)	Suresh Kumar M.	Visit and Need Assessment Report of Village-Khapri Ubagi, Taluka: Kalameshwar, Dist: Nagpur, Maharashtra (INDIA)	CSIR-NEERI, Nagpur
17	Leena Kumari (10PP17A32016)	S. Swarupa Tripathy	A Survey on Irradiation of food: Basic facts, advantages and Health safety issues	CSIR-NPL, New Delhi
18	Tanveer Ahmad (10BB16A37004)	Syed Riyaz-Ul-Hassan	Harnessing the power of host-microbe symbioses to promotes sustainable cultivation of saffron	CSIR-IIIM, Jammu
19	Vikram Patial (10BB17A33015)	Y S Padwad	Incidence survey and awareness about the lifestyle associated risk factors of hypertension among rural and sub-urban working population and families of CSIR-IHBT	CSIR-IHBT, Palampur
20	Bhongale Priyanka Vishwanath (20EE17A26038)	Sunil Joshi	How social media is shaping our perception of COVID-19	CSIR-NCL, Pune
21	Rangani Jaykumar Rameshbhai (10BB15A16012)	Asish Kumar Parida	Defluoridation of ground water using adsorbent system	CSIR-CSMCRI, Bhavnagar
22	Sonia Agrawal (10BB16A26039)	Dhiman Mrinal Sarkar	Awareness about animal health among farmers in the Western Maharashtra region	CSIR-NCL, Pune
23	Singam Amarnath Ram (10BB14A26041)	Rathna VN Gundloori	Biodegradable polymeric film: Remedy for dyeing	CSIR-NCL, Pune



			effluent treatment in textile industry, MIDC, Solapur	
24	Govind Porwl (10CC16A26025)	Vinod Chathakudat h Prabhakaran	A study on the effect of food habits and lifestyle on health problems: Survey and awareness	CSIR-NCL, Pune
25	Naina Lohia (10CC18J32008)	Shailesh N. Sharma	Household Lighting waste management initiatives in India for Human Well Being	CSIR-NPL, New Delhi
26	Wagh Atish Arun (10CC16A26018)	Moneesha Fernandes	Program: A study on the effect of food habits and lifestyle on health problems: Survey and awareness	CSIR-NCL, Pune
27	Aditya Kumar Nagori (10BB16J02001)	Anurag Agrawal	AnthroCal : A mobile app for child growth assessment	CSIR-IGIB, New Delhi
28	Rajnandani Kashyap (10BB16A18066)	Anthony Addlagatta	Catastrophic Impact of 5G Cell Towers on Society and the Environment	CSIR-IICT, Hyderabad
29	Vinay Kumar Yadav (10BB16A22017)	Devendra Parmar	An awareness programme for rural areas population about tobacco and alcohol exposure & amp; its carcinogenic effects.	CSIR-IITR, Lucknow
30	Jasmin G. Russel (10BB15A39017)	Krishnakumar B.	Screening of Anti-Bacterial Efficacy of Commercially Available Hand Sanitizers	CSIR-NIIST, Thiruvananthapuram
31	Tanveer Ahmad Malik (10BB16A37002)	Sheikh Tasduq Abdullah	Role of Value Added Agriculture in Skin Care Industry	CSIR-IIIM, Jammu
32	Bhaskar Shukla (10BB17J10001)	Ajit Kumar Shasany	Economics of Tulsi ( <i>Ocimum Basilicum</i> ) cultivation in Raebareli district of Uttar Pradesh	CSIR-CIMAP, Lucknow
33	Bhukya Venkanna (20EE16A32039)	Rina Sharma	Survey of Wi-Fi Radiation in NPL, Delhi Metro Stations	CSIR-NPL, New Delhi
34	Gideon Oyeshina Oyeku (10BB18J16001)	Subir Kumar Mandal	An assessment of heavy metal contamination in potable water of selected communities of Bhavnagar district	CSIR-CSMCRI, Bhavnagar
35	Prabu K (10CC17J26022)	T. Raja	Resolving the impact of Pollution in Ram Nadi	CSIR-NCL, Pune
36	Mhamane Tukaram Bharat (10CC14A18008)	H.M. Sampath Kumar	Swasth Bharat	CSIR-IICT, Hyderabad
37	G. S. Ayyappan (20EE16A05006)	B. Ramesh Babu	Design & Development of Portable Solar Powered Vaccine Box	CSIR-CECRI, Karaikudi



38	walke Prachi Bhalchandra (10BB14A26039)	Mahesh Kulkarni	Survey and awareness about Magnesium rich food as nutritional therapy for management of diabetes	CSIR-NCL, Pune
39	Valipenta Narasimhulu (10CC14J18065)	Ravindra M. Kumbhare	Sustainable Eco-Villages: Biodiversity and Conservation of Nature	CSIR-IICT, Hyderabad
40	Harsha Chilukuri (10CC17J26025)	Moneesha Fernandes	Disulfide surrogates: disulfide linkage replacement strategies	CSIR-NCL, Pune
41	Tulika Srivastava (10BB15A22015)	Dr. Smriti Priya	Social awareness towards preventive and protective measures against mosquitoes	CSIR-IITR, Lucknow
42	Betsy K J (10CC18A26061)	Vinod Chathakudat h Prabhakaran	Potential health risks due to leached contaminants in drinking water and food items from plastic packaging: survey and awareness	CSIR-NCL, Pune
43	Vipender Singh Negi (20EE15J15005)	Umesh Kumar Tiwari	Energy Efficient Street Lighting System	CSIR-CSIO, Chandigarh
44	Ankita Dave (10BB16A16011)	Pradeep Kumar Agarwal	Monitoring n-alkanes level in different water and soil samples from the nearby vicinity of industrial zones in Gujarat	CSIR-CSMCRI, Bhavnagar
45	Umar Gani (10BB15J37004)	Prashant Misra	Current status and future directions in the traditional knowledge-based drug development.	CSIR-IIIM, Jammu
46	Janani R (10BB17A08001)	Baskaran V.	Product Diversification of Papads with special reference to Millets	CSIR-CFTRI, Mysuru
47	Monti Gogoi (10CC17A38009)	Swapnali Hazarika	Socio, Economic Health and Agriculture Survey	CSIR-NEIST, Jorhat
48	Shailendra Yadav (10BB16A04015)	Neena Goyal	Assessment of self- medication patterns in a village of Lucknow district of Uttar Pradesh – a questionnaire-based study	CSIR-CDRI, Lucknow
49	Kamdi Propesar Madhukar (20EE14A26053)	Ashish V Orpe	Humidification: an approach for air conditioning in low humidity environment	CSIR-NCL, Pune
50	Sikha Hiloidari (10PP18A28016)	Srinivasa Sarma D	Analysis of waste management in local area	CSIR-NGRI, Hyderabad
51	Kritee Mehdiratta (10BB15A02016)	Vivek T Natarajan	365 quotes for budding scientists	CSIR-IGIB, New Delhi
52	Tejosmita Sen (10BB16A38018)	Anil Kumar Singh	CSIR-800 striving for the understanding and	CSIR-NEIST, Jorhat



			development of socio-economic status in Jaluk village, Sivsagar	
53	Veeresh Toragall (10BB17J08005)	Baskaran V.	Creating standard operating protocols (SOP) for disaster flood relief operations, logistics and collection of ground level data from the recently flood affected areas	CSIR-CFTRI, Mysuru
54	Anamika Mishra (10CC18J32009)	Asit Patra	Removal of Dyes from water by polymers	CSIR-NPL, New Delhi
55	Himangsu Sekhar Dutta (10CC16A04029)	Dipankar Koley	Social Awareness of Diabetes	CSIR-CDRI, Lucknow
56	Manilal Murmu (10CC16J12005)	Priyabrata Banerjee	Development of a simple and versatile paint formulation for architectural walls	CSIR-CMERI, Durgapur
57	Debanjan Dey (10CC16A12002)	Priyabrata Banerjee	Development of Covalent Organic Polymer (COP) for cleaning oil and dye materials from waste water	CSIR-CMERI, Durgapur
58	Sanjukta Pahar (10CC16A26009)	Sakya Singh Sen	Atmospheric water vapor generator: A rescue from water crisis	CSIR-NCL, Pune
59	Rafat Quamar (10PP17A27008)	Paras R. Pujari	Field visit to Ubagi Village and Bamboo Plantation, Kalmeshwar, Nagpur Dist., Maharashtra	CSIR-NEERI, Nagpur
60	Sadiya Waseem (10PP16A32019)	Priyanka H. Maheshwari	Particle boards from agricultural harvest waste: prospective material for furnishings	CSIR-NPL, New Delhi
61	Raju Doddipalla (10CC15J18055)	Mohana Krishna Reddy Mudiam	Effect of Pesticides on Symbiosis (Metabolism) and Environment: An Overview	CSIR-IICT, Hyderabad
62	Wakade Sandip Balasaheb (10CC17J18019)	Pravin R. Likhar	pheromone application technology	CSIR-IICT, Hyderabad
63	Megha Dinkar Deokar (10CC17J26047)	Baijayantimala Garnaik	Sustainable technologies for water purification from heavy metals	CSIR-NCL, Pune
64	Subhasis Shit (10CC18A12016)	Tapas Kuila	Development of graphene oxide-based electrode materials for capacitive desalination of brackish water	CSIR-CMERI, Durgapur
65	Vadthya Raju (10CC17J18023)	J. Vatsala Rani	Education System in Backward Districts of Telangana and an	CSIR-IICT, Hyderabad



			Innovative Way to Enrich the System (IICT-Jigyasa)	
66	Shrikant B. Nikam (10CC15A26027)	Asha S K	Awareness about Cardiovascular Diseases (CVDs) and Preventive Measures	CSIR-NCL, Pune
67	Nagam Satish (10CC17A18010)	G. Sudhakar	Water Purification in Rural Areas through Membrane Technology: Contribution to Rural Society Welfare	CSIR-IICT, Hyderabad
68	M. Nagalakshmi (10CC15A05009)	N. Kalaiselvi	Reduction of salinity in agricultural soil by Electrokinetics (EK)	CSIR-CECRI, Karaikudi
69	Vinayak Hegde (10BB15J08007)	Nandini C D	PILOT PROJECT REGARDING FOOD SAFETY IN SCHOOLS UNDER MIDDAY MEAL SCHEME	CSIR-CFTRI, Mysuru
70	Susmitha. A (10BB15A39018)	K. Madhavan Nampoothiri	Development and characterization of edible films from mango and pineapple	CSIR-NIIST, Thiruvananthapuram
71	Varun (30EE15A06012)	Udit Narayan Pal	Investigation of Cold Atmospheric Pressure Plasma Jet	CSIR-CEERI, Pilani
72	Divya Gupta (10BB17J37005)	Sheikh Tasduq Abdullah	Targeting Epigenetics in diabetic wounds: Use of Natural products as cost effective Therapeutic strategy.	CSIR-IIIM, Jammu
73	Rahul Kumar (20EE16A32036)	Sanjay Yadav	Development of indigenous, low-cost temperature compensated body mass index measuring system for medical practitioner and household appliances	CSIR-NPL, New Delhi
74	Vipan Kumar (20EE15J15008)	Vinod Karar	Eco friendly corn-cow dung cakes	CSIR-CSIO, Chandigarh
75	Shinde Mahesh Harishchandra (10CC16A26017)	Chepuri Venkata Ramana	Effect of Laboratory Gases/Organic Compounds on Health and Environment	CSIR-NCL, Pune
76	Muzzamil Khan Yusuf (20EE14A26055)	Sunil Joshi	Slime mould growth model for designing modern cities	CSIR-NCL, Pune
77	Shweta Devi (10BB15A22011)	Smriti Priya	Awareness program about pesticide removal from vegetables in rural areas of Lucknow	CSIR-IITR, Lucknow
78	Aishwarya Jaiswal (10BB14A08016)	Jyothi Lakshmi A	PILOT PROJECT REGARDING FOOD SAFETY IN SCHOOLS	CSIR-CFTRI, Mysuru



			UNDER MID DAY MEAL SCHEME	
79	Pooja Yadav (10PP16A28008)	Srinivasa Sarma D	Earthquake awareness and mitigation in and around regions of Lucknow (U.P) and Delhi, India	CSIR-NGRI, Hyderabad
80	Archana Devi (10BB15A04002)	Gopal Gupta	Assessment of Covid-19 impact on mental health among general population in Lucknow	CSIR-CDRI, Lucknow
81	Vijaya Kumar M P (20EE14A24001)	S Raja	Second hand Smoke suppression methods in rural areas	CSIR-NAL, Bangaluru
82	Ruchi Dixit (10CC16A26013)	Kumar Vanka	Dark realities behind the usage of commercially available skin lightening products (SLPs)	CSIR-NCL, Pune
83	Jagriti Shukla (10BB15A22006)	Manoj Kumar	Awareness program on Transformation from conventional to organic farming: impact on agriculture, environment and human health	CSIR-IITR, Lucknow
84	Ravichandra Korasapati (10BB14J18075)	Prakasham Reddy Shetty	Tobacco agro residual wastes as potential sources for value added products	CSIR-IICT, Hyderabad
85	VILLAYAT ALI (10BB16J37004)	Dhiraj Kumar Vyas	Glucosinolates: A Compound of Nutraceutical Importance for the wellbeing of mankind.	CSIR-IIIM, Jammu
86	Sumit Singh (10BB17J37012)	Bikarma Singh	Authentication of Medicinal Plant species and role of herbarium in identification	CSIR-IIIM, Jammu
87	Swati Sharma (10BB15A02036)	Naveen Arora	Assessment of Lung function in employees of Sanitary Landfill Bhalswa	CSIR-IGIB, New Delhi
88	Tina Sharma (10BB14J20001)	Anshu Bhardwaj	Systematic Evaluation of Web-based Resources for Information, Education and Communication (IEC) on Antimicrobial Resistance (AMR) with Specific Focus on Mobile Games	CSIR-IMTECH, Chandigarh
89	Madhu Desagoni (10CC17J18035)	Vatsala Rani Jeti	Environmental Impacts of Wastewater Management in India: From Waste Disposal to recovery of Resources	CSIR-IICT, Hyderabad



90	Rosy Alphons Sequeira (10CC17J16001)	Kamalesh Prasad	Quality of water used by local farmers for irrigation in water stress area adjacent to industrial belt	CSIR-CSMCRI, Bhavnagar
91	Arya J. S (10CC17J39003)	Kaustabh Kumar Maiti	Preparation of skin friendly hand sanitizer with plant extracts	CSIR-NIIST, Thiruvananthapuram
92	Shailendra Kumar Singh (20EE18A43005)	K K K Singh	Income generation through Floriculture and Cultivation of Medicinal Plants for improving Quality of Life (QOL) of Rural households of village PATHARPANI, Dumka Tehsil, Dumka District through CSIR Technological Interventions	CSIR-CIMFR, Dhanbad
93	Niranjan K (20EE17J24001)	Harish C. Barshilia	Development of a Contactless Automatic Hand Sanitizer Dispenser and UVC Sterilizing Unit to Tackle COVID-19.	CSIR-NAL, Bangaluru
94	Sanchita Gupta (10BB16A04013)	Anil N Gaikwad	Survey cum awareness camp on obesity and type 2 Diabetes at Begampura Village in Uttar Pradesh	CSIR-CDRI, Lucknow
95	Sachin Kumar (10BB17J33008)	Rituraj Purohit	Rice productivity forecasting based on the weather variable of Kangra district : A machine learning approach	CSIR-IHBT, Palampur
96	Shilpi Singh (10BB16J10006)	Suaib Luqman	Assessment of Menthol mint growing farmer's livelihood status, and their agricultural lands fertility	CSIR-CIMAP, Lucknow
97	Sandhya Jose (10PP16A32018)	Sachchidanand Singh	Impact assessment of Covid-19 lockdown on radiation and other socio economic effects	CSIR-NPL, New Delhi
98	Pankaj Kumar (10BB17J37014)	Sumeet Gairola	Cultivation of aromatic plants: A way to enhance the income of Micro Small and Medium Enterprise (MSMEs) agriculture sector in India.	CSIR-IIIM, Jammu
99	Rakesh Kumar (10BB15J20001)	Anshu Bhardwaj	Development of SAVIOR: SARS-CoV-2 Inhibitor Open Repository web platform to fight against coronavirus	CSIR-IMTECH, Chandigarh
100	Adhila T K (10PP15J24003)	Harish C. Barshilia	Development of a Contactless Automatic Hand Sanitizer Dispenser	CSIR-NAL, Bangaluru



			and UVC Sterilizing Unit to Tackle COVID-19	
101	Snigdha Gupta (10BB15A22013)	Ravi Ram Kristipati	Awareness regarding the adverse effects of household usage of plastic products and its disposal among rural population of Misripur, Vikas Khand, Baksi Ka Talab, Lucknow	CSIR-IITR, Lucknow
102	Amita Kumari (10CC16A33019)	Sushil Kumar Maurya	Impact of <i>Moringa oleifera</i> seeds on wastewater treatment	CSIR-IHBT, Palampur
103	Md Nirshad Alam (10CC16A26027)	Dr. Sudip Maity	Effect of Laboratory Gases/Organic Compounds on Health and Environment	CSIR-NCL, Pune
104	Kubavat Denishkumar Manhardas (10BB14A16022)	Arup Ghosh	Analysis of soil, and water, for heavy metal contamination from nearby villages of Bharuch industrial zone	CSIR-CSMCRI, Bhavnagar
105	Jadhav Asmita Sumersinh (10PP15A27001)	Nitin Kumar Labhasetwar	Visit to Mohgaon village for NEERDHUR Distribution and Bamboo Plantation at Khapri Village, Nagpur, Maharashtra.	CSIR-NEERI, Nagpur
106	Arelli Vijaya Lakshmi (20EE18A18046)	Gangagni Rao Anupoju	VALORIZATION OF SERI-CULTURE WASTE USING ECO-FRIENDLY APPROACHES	CSIR-IICT, Hyderabad
107	Ashish Dogra (10BB16A37003)	Utpal Nandi	Cultivation of medicinal plants in Jammu & Kashmir ( J&K )	CSIR-IIIM, Jammu
108	Shobha Singh (10BC14J25009)	Manjoosha Srivastava	Awareness on synthetic adhesive in the market for the revival of naturals	CSIR-NBRI, Lucknow
109	Nemilikonda Sravan Kumar (10CC16A18027)	Subhash Ghosh	Introduction to ground / Surface water resources, Effect of pollutants on human & aquatic life	CSIR-IICT, Hyderabad
110	Arunkumar T. (10CC15A39008)	Ravi Shankar L.	Identification of Uttroside B an "Orphan drug" presence on stem and leaf of Solanum nigrum from Tamil Nadu and Kerala	CSIR-NIIST, Thiruvananthapuram
111	Suman Devi (10CC15A26046)	M. Niraj Luwang	How social Media is shaping our perception of COVID - 19	CSIR-NCL, Pune
112	Shimpi Jayesh Ramesh (10CC17A26007)	Bhagavatula L.V. Prasad	Awareness survey: Extensive study on attitude, practice and it's impact on society related to COVID-19 pandemic	CSIR-NCL, Pune



113	Dilip Makhija (20EE14A31003)	R.K. Rath	Utilization of fly ash in making bricks	CSIR-NML, Jamshedpur
114	Debeshi Dutta (20EE16A12001)	Soumen Sen	Internet of Things (IoT) Enabled Intelligent Farmland Monitoring System for Semi-arid Regions of India	CSIR-CMERI, Durgapur
115	Stanzin Dawa (10BB14A02034)	Sheetal Gandotra	Sequencing based diagnostics assays for rare diseases	CSIR-IGIB, New Delhi
116	Devesh Kesharwani (10BB15A02011)	Malabika Datta	Genetics and genetic testing of Alzheimer Disease	CSIR-IGIB, New Delhi
117	Bharti Arora (10BB15A02010)	Naveen Arora	Respiratory Health Scenario; Bhalaswa Landfill, North Delhi MCD	CSIR-IGIB, New Delhi
118	Mohd. Azhar (10BB15A02018)	Souvik Maiti	Jigyasa: Science outreach at IGIB	CSIR-IGIB, New Delhi
119	Shivangi (10BB16A02018)	Laxman Singh Meena	Open medical genetic assays to enable diagnosis	CSIR-IGIB, New Delhi
120	Nikita Dhauni (10BB16A25005)	Puneet Singh Chauhan	An Initiative to Alleviate Malnutrition in Children Under the Age of 5 yrs in Bahraich District of Uttar Pradesh	CSIR-NBRI, Lucknow
121	Balamurugan T (10CC15A05004)	V. Ganesh	Report on pond water quality in sivaganga district of Tamil Nadu	CSIR-CECRI, Karaikudi
122	Jaspreet Kour (10CC18A37025)	Sanghapal D Sawant	Importance of Multitarget Phytocannabinoids and its products	CSIR-IIIM, Jammu
123	Nivedita Priyadarshni (10CC16A12005)	Nripen Chanda	Design and development of pouch based filtering system for removal of fluoride and bacteria from contaminated water	CSIR-CMERI, Durgapur
124	Sumit Kumar Singh (10BB16A04018)	D.K. Mishra	Survey and awareness camp on diabetes at Gajdharpur village (Bahraich, U.P.)	CSIR-CDRI, Lucknow
125	Abhilasha Srivastava (10BB18J10007)	Anil Kumar Gupta	Changing Scenario in poppy cultivation and associated problems faced by the farmers in district Barabanki, UP	CSIR-CIMAP, Lucknow
126	Afzal Siddiqui (10CC16A18052)	Surya Prakash Singh	PEROMONE APPLICATION TECHNOLOGY (PAT)	CSIR-IICT, Hyderabad
127	A. VIJAYA GOWRI (10CC15A11001)	Debasis Samanta	STUDY ON FOOT DIMENSIONS FOR GROWING CHILDREN'S (12 & 13 YEARS) IN KV-CLRI	CSIR-CLRI, Chennai



128	Amit Kumar (10PP15A32001)	Rajiv Kumar Singh	A survey on the awareness about the UV radiation and its miracle importance in killing the COVID-19 virus	CSIR-NPL, New Delhi
129	Sai Kiran B (10PP18A28009)	P.S.R. Prasad	Gas Hydrate Technology for Capturing CO <sub>2</sub> from Flue gas	CSIR-NGRI, Hyderabad
130	Suman Kumari (10PP16J32001)	H K Singh	Ayurveda: A potential preventative therapy to covid-19 pandemic	CSIR-NPL, New Delhi
131	Rawat Jyoti Triloksingh (10BB17J26054)	Mugdha Gadgil	Improving hand hygiene among children at construction sites in Pune: an educational intervention	CSIR-NCL, Pune
132	Suparna Paul (10CC16A12004)	Priyabrata Banerjee	Application of chemically modified Eichhornia crassipes based adsorbent material towards removal of toxic dye effluents from industrial waste water	CSIR-CMERI, Durgapur
133	Santosh Kumar Yadav (20EE16 A06006)	S. A. Akbar	Real-Time Multi-person Yoga Asanas Recognition and Posture Correction	CSIR-CEERI, Pilani
134	Yasmeen Kauser (10BB15J02009)	Vinod Scaria	Protocol for amplification of TMEM107 genomic loci for sequencing in Joubert Syndrome	CSIR-IGIB, New Delhi
135	Yogita Bhatt (10BB14A08017)	Jyothi Lakshmi A	Pilot Project Regarding Food Safety in Schools Under MDM	CSIR-CFTRI, Mysuru
136	Aparna Singh Kushwaha (10BB15A22002)	Manoj Kumar	Awareness on Beneficial Effects of Bio-fertilizers in Indian Agriculture System	CSIR-IITR, Lucknow
137	Amrita Ray (10BB16J08009)	Alok K Srivastava	BREAKFAST FOOD HABITS IN SCHOOL CHILDREN	CSIR-CFTRI, Mysuru
138	Johni Debbarma (10BB17A38016)	Channakesha vaiah Chikkaputtaiah	Crisis of Municipal Solid Waste Management in different parts of Assam, its effects and probable control measures"	CSIR-NEIST, Jorhat
139	Aanchal Gupta (10BB15A02002)	Munia Ganguli	Sequencing based diagnostic assay for Klippel Feil Syndrome	CSIR-IGIB, New Delhi
140	Prabhakar A (10BB15J02005)	Vivek Rao	Combined offensive against viral infection and disease-COVID (COVID vs covid)	CSIR-IGIB, New Delhi
141	Nikita Vashistha (20EE16A32040)	Rajiv Kumar Singh	A solid-state cooling based portable vaccine storage system	CSIR-NPL, New Delhi



142	RANJEET KUMAR SINGH (10CC15A43002)	Aditya Rana	Kitchen waste utilization for the production of Biogas by anaerobic digestion	CSIR-CIMFR, Dhanbad
143	Dilip Muchhala (20EE16A35001)	D. P. Mondal	CHALLENGES AND OPPORTUNITIES FOR MARGINAL AND SMALL FARMERS OF DAMDAM VILLAGE BY USING PARTICIPATORY RURAL APPRAISAL (PRA) METHOD	CSIR-AMPRI, Bhopal
144	M Saikiran Reddy (10BB16A18063)	Nishant Jain	REDUCING THE SCALE AND INFLUENCE OF CLIMATE CHANGE	CSIR-IICT, Hyderabad
145	Monu (10BB18A02003)	Sagarika Biswas	OMGDX- Sequencing based diagnostic assay for multiple endocrine neoplasia type-2	CSIR-IGIB, New Delhi
146	Snigdha Saikia (10BB15J38011)	Dipanwita Banik	Science and technology intervention programme on oyster mushroom cultivation at Bogar Gaon, Titabor, Jorhat, Assam for improving self-employment of rural people	CSIR-NEIST, Jorhat
147	Varsha Jha (10BB17A27015)	Nishant Arunrao Dafale	Visit and Need Assessment Report of Village-Khapri Ubagi, Taluka: Kalameshwar, Dist: Nagpur, Maharashtra (INDIA)	CSIR-NEERI, Nagpur
148	Nair Aparna Madhusudan (10PP15A27004)	Krishna Khairnar	Visit to Mohgaon village for NEERDHUR Distribution and Bamboo Plantation at Khapri Village, Nagpur, Maharashtra.	CSIR-NEERI, Nagpur
149	Shital Chauhan (10PP16A32005)	H. K. Singh	Fumigation Methods of N95 Respirants	CSIR-NPL, New Delhi
150	Rajesh Kona (10BB15A18055)	S Venkata Mohan	A Report on Chronic Diseases associated with Fluorosis	CSIR-IICT, Hyderabad
151	Shamala Mane (10BB17A26049)	Bhushan Chaudhari	Biological control of pests and diseases in tomato and chili	CSIR-NCL, Pune
152	Nibedita B Dutta (10CC18J38012)	G Baishya	Preparation and characterization of herbal bathing bars	CSIR-NEIST, Jorhat
153	Naeem K. C. (10CC13A39001)	C. Vijayakumar	Utilization of Waste Dyes from Textile Industry for Colored Low-Cost Eco friendly Tiles	CSIR-NIIST, Thiruvananthapuram
154	Subhrashis Banerjee (10CC18A26012)	Kumar Vanka	Epidemic Disease: from Social Media to the	CSIR-NCL, Pune



			Economical Balance of Society	
155	Sameer Ullah Khan (10BB17A37018)	Fayaz Ahmed Malik	LAVENDER PRODUCTION , MARKETAND ENTERTAINMENT FARMS IN JAMMU & KASHMIR	CSIR-IIIM, Jammu
156	Deep Mala (10BB13J33001)	Sanjay Kumar	Evaluating Performance of Existing Greenhouses in Techvil	CSIR-IHBT, Palampur
157	Pratikshkumar Patel (10BB15J26033)	Rathna VN Gundloori	Used cellulose acetate filter butts for potential application	CSIR-NCL, Pune
158	Mounika Aila (10CC18A18003)	Ch Raji Reddy	Preventive measures of muscardine disease in sericulture	CSIR-IICT, Hyderabad
159	Monika Verma (10BB15A02020)	Kausik Chakraborty	An introduction to the microscopic world	CSIR-IGIB, New Delhi
160	Shadab Alam (20EE16J18022)	C. Sumana	PROMOTING SOCIETAL WELFARE THROUGH MEMBRANE TECHNOLOGY	CSIR-IICT, Hyderabad
161	Ammasi A (32EE14A31002)	Dr. Jagannath Pal	CSIR Technology Intervention to removal the Arsenic from Groundwater of Balia District of Uttar Pradesh	CSIR-NML, Jamshedpur
162	Sourav Bej (10CC18A12013)	Priyabrata Banerjee	Utilisation of waste plastic PET bottles for value added preparation of metal organic frameworks (MOFs) with chemo-switchable detection of CHCl <sub>3</sub> from drinking water along with efficient removal of assorted hazardous solvents with activated carbon- MOFs: A Complete solution towards sustainable livelihood generation	CSIR-CMERI, Durgapur
163	Vamsi Bhardwaj S V (10BB14A16026)	Sandhya Mishra	Microbial Diversity of the consortium mat in the rice field and its impact on the environment	CSIR-CSMCRI, Bhavnagar
164	Jyoti Vishwakarma (10BB15A04004)	R. Ravishankar	A survey on knowledge and awareness of 'Tuberculosis' in rural population of Nawa Khera, Lucknow	CSIR-CDRI, Lucknow
165	Upendra Kumar Pradhan (10BB17J33002)	Ravi Shankar	Forecasting of Kangra Tea productivity based on weather variable under time series framework : A	CSIR-IHBT, Palampur



			Machine Learning approach	
166	Renjita J. (10CC16J39001)	Sasidhar B. S.	Heavy Metals in Selected Cosmetics from Indian Market	CSIR-NIIST, Thiruvananthapuram
167	Dosali Mallesh (10CC17A18018)	N Lingaiah	Application of Membrane Technology to Promote Rural Welfare	CSIR-IICT, Hyderabad
168	Indrani Baruah (10BB17J38008)	Channakeshavaiah Chikkaputtaiah	Crisis of Municipal Solid Waste Management in different parts of Assam, its effects and probable control measures	CSIR-NEIST, Jorhat
169	Anshika Singh (10BB18A27015)	Kanchan Kumari	Field visit to vermicompost unit at Pandharkavda, Umred Road, Nagpur	CSIR-NEERI, Nagpur
170	Kiran Lata Bhaskar (20EE13A36006)	Bhagyadhar Bhoi	Investigation on Mango Production survey and cluster analysis for commercialisation in Koraput District, Odisha.	CSIR-IMMT, Bhubaneswar
171	Nazia (10CC17J19003)	Rajaram Bal	Proposal Theme: Lab Waste Management	CSIR-IIP, Dehradun
172	Deepa Elizabeth Mathew (10CC18J05002)	A Manuel Stephan	Design and prototyping of energy efficient, portable, low-cost egg incubator	CSIR-CECRI, Karaikudi
173	Naresh Singh (10BB19J02001)	Naveen Arora	To assess lung function of MCD workers employed in solid waste management	CSIR-IGIB, New Delhi
174	Vikas Thakur (10BB18J33007)	Dharam Singh	Impact of ASHA workers on improvement of rural health services	CSIR-IHBT, Palampur
175	Sai Kishore Butti (10BB15J18048)	S Venkata Mohan	Sustainable Bio-composting: Urban and Rural Systems	CSIR-IICT, Hyderabad
176	Kamakshi Dandu (10BB14A03002)	Ch Mohan Rao	Campaign for Retinoblastoma awareness in rural population	CSIR-CCMB, Hyderabad
177	Kulkarni Akshay Suhas (10CC19J26004)	D. Srinivasa Reddy	Understanding the knowledge of affordable generic medicines in society and its awareness	CSIR-NCL, Pune
178	Bikas Gajar (10PP15A32003)	Sangeeta Sahoo	Awareness for unhealthy chemical components present in drinking water from tube well and solution for filtering	CSIR-NPL, New Delhi
179	Deepa Rawat (10CC18A16013)	Adimurthy Subbarayappa	Analysis and Purification of Field Water Through Fabricated Membranes	CSIR-CSMCRI, Bhavnagar



180	Laxmi Pandey (10PP18A28025)	Kalachand Sain	Seismic Hazard Analysis of Lucknow Uttar Pradesh, India	CSIR-NGRI, Hyderabad
181	Veeresh gouda (20EE17J24002)	P K Panda	Reuse of Laundry Waste Water for Agriculture	CSIR-NAL, Bangaluru
182	Rashtrapriya Kumar Kapri (20EE16A32037)	Parag Sharma	Indigenous design and development of low cost TDS meter	CSIR-NPL, New Delhi
183	Lavhale Santosh Govind (10BB15A26044)	Ashok Prabhakar Giri	Survey and awareness for sustainable farming with respect to soil fertility, integrated pest management, use of advanced tools and organic farming	CSIR-NCL, Pune
184	Shilpa (10MM13A30005)	Sujit Bhattacharya	Hindon River: Survey for Issues and it's Remedies in Villages Arthala, District: Ghaziabad	CSIR-NISTADS, New Delhi
185	Surikanti Ganesh Reddy (10CC15A18028)	Manorama Vardhireddy Sunkara	Application Of Membrane Technology to Promote Rural Welfare	CSIR-IICT, Hyderabad
186	Junaid Ur Rahim (10CC17J37018)	Rajkishor Rai	Peptide nutraceutical for healthcare and a source of income	CSIR-IIIM, Jammu
187	Seggem Prabhakar (10CC19J18019)	Vatsala Rani Jeti	Pheromone Application Technology	CSIR-IICT, Hyderabad
188	Ega Sai Prasad (10CC17A18020)	S. Palaniappan	Environmental Impacts of Wastewater Management In India: From Waste Disposal to Recovery of Resources	CSIR-IICT, Hyderabad
189	Mane Kishor Dharmraj (10CC17J26029)	Gurunath Suryavanshi	Milk and Milk Products Adulteration: Human Health and General Awareness	CSIR-NCL, Pune
190	Tanu Kaushal (10CC13A10005)	Arvind Singh Negi	Quantitative and economic evaluation of <i>Andrographis paniculata</i> growing in farmers' field at district Raibareilly. Uttar Pradesh	CSIR-CIMAP, Lucknow
191	Nitha P. R. (10CC15A39009)	Jubi John	Preparation of Antibacterial Liquid Soap from Agricultural waste: Onion peel as the source of active botanicals	CSIR-NIIST, Thiruvananthap uram
192	Mehboob Ali (10BB16A37008)	Gurdarshan Singh	Keeping inflammation under control to stay healthy	CSIR-IIIM, Jammu



<b>193</b>	Bhojani Gopalkumar Ranchhodbhai (10BB15J16015)	Arup Ghosh	Assessment of soil quality of different farms from the coastline of Bhavnagar District (Gujarat)	CSIR-CSMCRI, Bhavnagar
<b>194</b>	Shweta Goyal (10BB15A22012)	Rajnish Kumar Chaturvedi	Awareness programme on usage pattern of plastics Lunch Box, disposals, baby toys and their harmful effects on person's life, safety measures and to encourage use of natural alternatives in Rural and Urban Areas in Naronia & Sarosa Bharosa Rural Areas of Lucknow district Nirala Nagar & Aliganj Urban Areas of Lucknow district	CSIR-IITR, Lucknow
<b>195</b>	Javeed Ur Rasool Najar (10CC17J37022)	Asif Ali	Prevention of some chronic disease for a healthy living community	CSIR-IIIM, Jammu
<b>196</b>	Shweta (10PP16A32006)	S.R. Dhakate	Development of Waste rubber Tyre based Flexible Composites as Electromagnetic shielding Material	CSIR-NPL, New Delhi
<b>197</b>	Shubha J R (10BB15A08005)	Praveena Bhatt Mudliar	Assessment of food fatigue and Menu diversification	CSIR-CFTRI, Mysuru
<b>198</b>	Jyoti (10PP16J32003)	Ajay Kumar Shukla	Cost effective and environment friendly management of crop residue in India	CSIR-NPL, New Delhi
<b>199</b>	Habeebunnisa Begum (10BB16A18060)	T. Anjana Devi	Agricultural challenges and issues in Andhra Pradesh during June 2014 to June 2019	CSIR-IICT, Hyderabad
<b>200</b>	Jyoti (10BB18A02001)	Anurag Agrawal	OMGDX- Sequencing based diagnostic assay for rare disease-Familial Isolated Pituitary Adenoma (FIPA)	CSIR-IGIB, New Delhi
<b>201</b>	Saurabh Pal (10BB15J22008)	Kausar Mahmood Ansari	Awareness programme about food storage, food hygiene and mycotoxin management in rural population of Lucknow	CSIR-IITR, Lucknow
<b>202</b>	Abhishek Kumar Nautiyal (10BB15A37001)	Prashant Misra	Employment generation through cultivation and processing of medicinal and aromatic plants: Possibilities and challenges	CSIR-IIIM, Jammu



203	Heena Agarwal (10BB19J04043)	Manoj Kumar Barthwal	The prevalence and awareness of cardiovascular diseases risk factors among the urban and suburban populations	CSIR-CDRI, Lucknow
204	Sanjeev Kumar Yadav (10BB17A22004)	Devendra Parmar	An awareness programme about the harmful effects of pesticides on human health and their preventive measures	CSIR-IITR, Lucknow
205	Rahul Chakraborty (10BB16A02013)	Shantanu Sengupta	Open medical genetic assays to enable diagnosis (OMGDx)	CSIR-IGIB, New Delhi
206	Prashant Kumar (20EE17A06006)	K Solomon Raju	Awareness of Cyber Security Threats & Its Countermeasures	CSIR-CEERI, Pilani
207	Rahul Upadhyay (10CC19J33001)	Sushil Kumar Maurya	Development of method for the synthesis of value-added product utilizing pine needle-based bio-waste	CSIR-IHBT, Palampur
208	Jadhav Sandip Bhagwan (10CC17J18008)	Rambabu Chegondi	PHEROMONE APPLICATION TECHNOLOGY	CSIR-IICT, Hyderabad
209	Vinoth S (10CC18J05001)	A. Pandikumar	Development of environmental benign crackers - A Green approach	CSIR-CECRI, Karaikudi
210	Hussain Shaik (10CC16A18012)	Mohana Krishna Reddy Mudiam	Overview of Cotton, Contribution of CSIR-IICT to Agrochemicals and a Detailed Study of Acephate and Phorate	CSIR-IICT, Hyderabad
211	Avnish Kumar (10CC17A19011)	Thallada Bhaskar	Analysis of waste management in local area	CSIR-IIP, Dehradun
212	Abhilek Kumar Nautiyal (10BB15A19006)	Debashish Ghosh	ASSESSMENT OF CARBON FOOTPRINT GENERATION THROUGH ELECTRICAL APPLIANCES IN RESIDENTIAL COLONY OF CSIR-INDIAN INSTITUTE OF PETROLEUM	CSIR-IIP, Dehradun
213	Rajeshwari Tiwari (10CC18A16014)	Sumit Kumar Pramanik	Qualitative evaluation of Active Pharmaceutical Ingredients (API) and pharmaceutical Intermediates in different environmental matrices from the nearby vicinity of industrial zones near Mahi River in Vadodara, Gujarat-A preliminary estimation	CSIR-CSMCRI, Bhavnagar



214	Sudin Kumar Pandey (10BB17J38011)	Mohan Lal	Sustainable crop plantation technique in flood affected areas	CSIR-NEIST, Jorhat
215	Ayushi Dalmia (10BB16J08006)	Ajay W Tumaney	BREAKFAST FOOD HABITS IN SCHOOL CHILDREN	CSIR-CFTRI, Mysuru
216	Babar Suraj Shivaji (10CC17A18027)	Surya Prakash Singh	"Membrane technology for water purification"	CSIR-IICT, Hyderabad
217	Anurag Chahande (10CC15J26002)	R. Nandini Devi	Revitalize Ramnadi : River at the vanishing stage	CSIR-NCL, Pune
218	Kundan Singh Rawat (10CC16A04030)	Atul Goel	COVID-19 awareness, appropriate behavior and vaccination	CSIR-CDRI, Lucknow
219	Kailas Pandhade (10CC16A26029)	Narshinha Panditrao Argade	Effect of Laboratory Gases/Organic compounds on Health and environment	CSIR-NCL, Pune
220	Suhag Sanjay Patil (10CC17A26008)	Narshinha Panditrao Argade	Understanding the knowledge of affordable generic medicines in society and its awareness	CSIR-NCL, Pune
221	SHAIENDRA KUMAR SINGH (20EE16J09001)	Mukul Chandra Paul	To Study and analysis of the different kinds of Soils	CSIR-CGCRI, Kolkata
222	Maynk Garg (10BB19J02004)	Anurag Agrawal	To study respiratory physiological adaptations associated with increase in altitude using a Forced Oscillation Technique (FOT)	CSIR-IGIB, New Delhi
223	Monika (10PP17A26045)	Pankaj Poddar	Effect of changes in food and lifestyle on health due to the COVID 19 lockdown	CSIR-NCL, Pune
224	Shrikant Dora (10PP14A29006)	Aparna Saieesh Gandhi	Do tropical countries see lower growth rate of COVID-19?	CSIR-NIO, Goa
225	Amit Kumar (20EE17J06003)	Deepak Bansal	Development of an Environmental Microwave Pollution Monitoring Device	CSIR-CEERI, Pilani
226	Bukke Vani (20EE18A18045)	S. Sridhar	New approaches to treat reverse osmosis reject water by possible non-conventional methods	CSIR-IICT, Hyderabad
227	Priti Prasad (10BB15A25003)	Sumit Kumar Bag	An Awareness Programme On Noise Pollution and Its Adverse Effects	CSIR-NBRI, Lucknow
228	Samiksha Kukal (10BB15A02028)	Ritushree Kukreti	OMGDx: Sequencing based diagnostic assay for GM2-gangliosidosis, AB variant via GM2A gene PCR standardization	CSIR-IGIB, New Delhi



229	Kallure Gopal Subhashrao (10BB15J26035)	Ashok Prabhakar Giri	Survey and awareness for sustainable farming with respect to soil fertility, integrated pest management, use of advanced tools and organic farming	CSIR-NCL, Pune
230	Yeshvanthi Singh (10BB15J08001)	Ajay W Tumaney	Mid day meal programme CSIR-800	CSIR-CFTRI, Mysuru
231	Lijo John (10BB18A18065)	Garikapati Narahari Sastry	"Analysis of the top drugs in the treatment of COVID-19"	CSIR-IICT, Hyderabad
232	M.V. Rohith (10BB14A18013)	S Venkata Mohan	Azolla Biorefinery: Possibilities for Integration with Rural Bioeconomy	CSIR-IICT, Hyderabad
233	Ashwini Satyajit Rane (10BB17A26054)	Ashok Prabhakar Giri	Impact of utensil's material used in kitchen on health: survey, awareness and recommendations	CSIR-NCL, Pune
234	Twahira Begum (10BB18A38011)	Mohan Lal	Sustainable crop plantation technique in flood affected areas For addressing the unmet social needs under the program "Meeting the unmet needs: inclusive development through innovations for and from grassroots	CSIR-NEIST, Jorhat
235	Ritu (10BB16J10011)	Anil Kumar Gupta	Study of constraints/problems faced in turmeric cultivation by turmeric growers of Bihar and some part of Uttar Pradesh	CSIR-CIMAP, Lucknow
236	Parate Roopa Dhanraj (10BB16A26035)	Chandrashekhar Rode	Ramnadi river pollution in upper stretch from a microbiological perspective	CSIR-NCL, Pune
237	Nandikolla Krishna Chaitanya (10CC15J18008)	Chandrasekhar Srivari	A Report on Sustainable bio-composting- Rapid Methods	CSIR-IICT, Hyderabad
238	Birajdar Shailesh Sidram (10CC17J18040)	Sidhanath Vishwanath Bhosale	Environmental Impacts of Wastewater Management in India: From Waste Disposal to Recovery of Resources	CSIR-IICT, Hyderabad
239	Palodkar Krushna Kaduba (10CC17J18005)	AV Sessa Sainath	Pheromone Application Technology (PAT)	CSIR-IICT, Hyderabad
240	Brahmbhatt Hemang	Archana Singh	OMGDx- Sequencing-based diagnostic assay for (TYR) Oculocutaneous Albinism	CSIR-IGIB, New Delhi



	Dineshbhai (10BB17A02004)			
<b>241</b>	Arpita Ghosh (10BB18J02002)	Souvik Maiti	Open Medical Genetic Assays to Enable Diagnosis (Sequencing based diagnostic assays for rare diseases)	CSIR-IGIB, New Delhi
<b>242</b>	Sanjay Kumar (10BB18A04018)	R. Ravishankar	Impact of the COVID-19 pandemic on the population of Amilihapal Gram panchayat	CSIR-CDRI, Lucknow
<b>243</b>	Shikha (20EE17A15009)	Vinod Karar	Utilisation of Rice Husk in Punjab & Haryana	CSIR-CSIO, Chandigarh
<b>244</b>	Ravi Saklani (10BB17A04019)	Manish Kumar Chourasia	Impact of COVID outbreak and subsequent lockdown on PhD research scholars working in different Institutions across the India	CSIR-CDRI, Lucknow
<b>245</b>	Anuroop Bajpai (20EE17A06004)	Deepak Bansal	Development of an Environmental Microwave Pollution Monitoring Device	CSIR-CEERI, Pilani
<b>246</b>	Rahul Patel (10PP18A28005)	Srinivasa Sarma D	Assessment of soil contamination from the peerzadiguda solid waste disposal plant, Hyderabad	CSIR-NGRI, Hyderabad
<b>247</b>	Damini (10PP16A32017)	Ved Varun Agrawal	Strict quality compliance in Healthcare Sector: Awareness and Remedial Solutions	CSIR-NPL, New Delhi
<b>248</b>	Sumeet Saurav (32EE14A06008)	Sanjay Singh	Wheat Head Detection for Crop Yield Estimation	CSIR-CEERI, Pilani
<b>249</b>	Kishorekumar Palli (10CC17A18005)	Chandrasekhar Srivari	Water Purification Technology in Rural Areas through Membrane Technology: Contribution to Rural Society Welfare	CSIR-IICT, Hyderabad
<b>250</b>	Guruprasad M S (10CC14A39004)	Karunakaran V	Green Degradation of Methylene Blue Using Silver Nanoparticles Synthesized from Leaves of Mimosa Pudica and Antigonon leptopus	CSIR-NIIST, Thiruvananthapuram
<b>251</b>	Purashri Basyach, (10CC17A38006)	L. Saikia	Socio-economic, health & agriculture survey	CSIR-NEIST, Jorhat
<b>252</b>	Patel Jaykumar Mukeshbhai (10BB16A16014)	Avinash Mishra	Soil and irrigation water analysis of farms from coastal belt of Talaja taluka of Bhavnagar district and suggestions to farmers for	CSIR-CSMCRI, Bhavnagar



			the improvement of crop yield	
<b>253</b>	Deeksha Singh (10BB16A25010)	Prabodh Kumar Trivedi	Strategies to enhance rural economy for the benefit of small scale farmers post Covid-19	CSIR-NBRI, Lucknow
<b>254</b>	Diksha Raina (10BB18A37002)	Inshad Ali Khan	Agricultural avenues for start-ups & farmers in Jammu.	CSIR-IIIM, Jammu
<b>255</b>	Sonam Chandra (10BB15J22009)	Ratan Singh Ray	Campaign to create awareness for safe usage of cosmetic products in rural area of Bundelkhand	CSIR-IITR, Lucknow
<b>256</b>	Mahak Vij (10CC16A32028)	Kamlesh Kumar Maurya	Technological and scientific methods of Bio-Medical waste disposal	CSIR-NPL, New Delhi
<b>257</b>	Ashish Kumar (10PP18A32083)	Vidya Nand Singh	Study on management of plastic waste	CSIR-NPL, New Delhi
<b>258</b>	Syed Mudabir Ahmad (10BB17J37015)	Anindya Goswami	Health benefits of aromatic spice saffron; <i>Crocus sativus</i> and its pharmacological applications for society.	CSIR-IIIM, Jammu
<b>259</b>	Anupama Kumari (10BB15A02008)	Munia Ganguli	Sequencing based diagnostic assay for Ferritinopathy	CSIR-IGIB, New Delhi
<b>260</b>	Sarla (20EE17J32020)	Sumit Kumar Mishra	Noise Level from Different Sources of Rice Mill	CSIR-NPL, New Delhi
<b>261</b>	S. R. Jaisheela Marry (10BB16J08010)	Alok Kumar Srivastava	BREAKFAST FOOD HABITS IN SCHOOL CHILDREN	CSIR-CFTRI, Mysuru
<b>262</b>	Shubha Sharma (10BB16J10003)	Sumit Ghosh	Survey and analysis of current status of <i>Ocimum basilicum</i> in Barabanki (Uttar Pradesh) and <i>Ocimum sanctum</i> in Kalasapura (Karnataka) cultivation and their associated constraints	CSIR-CIMAP, Lucknow
<b>263</b>	Sangeetha K (10CC17A05002)	Subrata Kundu	Preliminary Studies on Eco-friendly, Less-Polluting Fire crackers through modified chemical formulations	CSIR-CECRI, Karaikudi
<b>264</b>	Khonde Nilesh Shrimant (10CC15A26012)	Pradeep Kumar Tripathy	Advantages of Pheromones over conventional pesticides	CSIR-NCL, Pune
<b>265</b>	Venkatesan. M (10CC17A18003)	Prakriti Ranjan Bangal	Krishnagiri District Pond and Lake (Drinking Water) Quality Analysis	CSIR-IICT, Hyderabad
<b>266</b>	Santosh Kumar Rath (10CC13A36026)	Sanjib Das	Formulation of Low Cost Polyherbal Hand Sanitizer and Development of Hand	CSIR-IMMT, Bhubaneswar



			Sanitization Washing system to avoid spreading of COVID-19.	
<b>267</b>	Neha Bansal (10BB16A19005)	Debashish Ghosh	SURVEY OF FOREST WASTE IN CSIR-IIP COLONY TO EVALUATE THEIR POTENTIAL AS PRODUCTION OF BIOFUELS AND CHEMICALS	CSIR-IIP, Dehradun
<b>268</b>	Jogendra Kumar (10CC17A16007)	Sukalyan Bhadra	Soil and Water Analysis from Bhavnagar District (Gariyadhar Taluka) for the Sustainable Agricultural Production	CSIR-CSMCRI, Bhavnagar
<b>269</b>	Kongkana Goswami (10BB17J38006)	Ratul Saikia	Assessment of potable water quality in the rural area of Kuhiabari Bamun Gaon, Pokamura, Jorhat, Assam	CSIR-NEIST, Jorhat
<b>270</b>	Sangita Sarma (10BB17A38017)	Anil Kumar Singh	Meeting the unmet needs: inconclusive development through innovations for and from grassroots	CSIR-NEIST, Jorhat
<b>271</b>	Jaswant Kumar (10CC18J37007)	Bhahwal Ali Shah	Seminar for individual: Treatment of Domestic waste water for agriculture use.	CSIR-IIIM, Jammu
<b>272</b>	Hemanta Hazarika (10CC16A38009)	P Gogoi	Assessment of inorganic and biological water quality of some ground water samples from some villages of Majuli district	CSIR-NEIST, Jorhat
<b>273</b>	Singam Maneesh Kumar Reddy (10CC17A18034)	Maddi Sridhar Reddy	"C-H Activation: Toward Sustainability and Industrial Applications"	CSIR-IICT, Hyderabad
<b>274</b>	Suryakanta Dehuri (10CC15A36004)	Bamaprasad Bag	Health Development and Awareness of Rural area of Koraput District in Odisha.	CSIR-IMMT, Bhubaneswar
<b>275</b>	Rubiya Banoo (10PP18A32041)	Sudhir Kumar Sharma	A Survey on the active brick kilns in- and- around Delhi NCR and suggestions for their technological improvement	CSIR-NPL, New Delhi
<b>276</b>	Kalari Saradhi (10CC19J18006)	Haridas B Rode	"Various Nitrogen containing heterocyclic moieties and their antitubercular activity"	CSIR-IICT, Hyderabad
<b>277</b>	Ekta Faujdar (10CC17J19001)	Raj Kumar Singh	Lab waste management	CSIR-IIP, Dehradun
<b>278</b>	Omvir Singh (10CC17A19010)	Bipul Sarkar	Waste Management: Appeal Towards Waste Free Society	CSIR-IIP, Dehradun



279	Mohamed Anis A (10BB15J08003)	Sreerama YN	Pilot project on Food Safety in Mysore District Schools under Mid-Day Meal Scheme	CSIR-CFTRI, Mysuru
280	Jaice Ravindran (10CC17J39002)	Ravi Shankar L.	Tinospora cordifolia (Willd.) Hook. f. and Thoms. (Guduchi) – validation of the homeopathic pharmacology through HPLC studies	CSIR-NIIST, Thiruvananthapuram
281	Suhail Ahmad Rather (10CC17A37022)	Qazi Naveed Ahmad	Preventing Plastic waste and gross pollutants from leaving the sewers.	CSIR-IIIM, Jammu
282	Singh Amravati Shivaji (10CC17A16002)	Ankush Biradar	Influence of industrial activity on ground water quality in nearby villages G.I.D.C. Vapi	CSIR-CSMCRI, Bhavnagar
283	Tushar Dubey (10BB15A26043)	Subhashchandrabose Chinnathambi	A statistical approach: Study of Dementia patients and occupational therapy as their cure	CSIR-NCL, Pune
284	Shikha (10BB16A18069)	S Venkata Mohan	CROP RESIDUE BURNING IN NORTHERN INDIA: INCREASING THREAT TO GREATER INDIA: STRATEGIC SOLUTION AND BUSSINESS MODEL	CSIR-IICT, Hyderabad
285	Neha Kanojia (10BB15J02002)	Ritushree Kukreti	OMGDx: Sequencing based diagnostic assay for congenital Niemann Pick disease (Type A & B) via SMPD1 gene PCR standardization	CSIR-IGIB, New Delhi
286	Pramod G N (10BB16A08002)	Poornima Priyadarshini CG	Shelf life extension of fresh Neera for 2-3 days benefitting farmers	CSIR-CFTRI, Mysuru
287	Neha Ghosh (10CC16J26009)	Paresh Laxmikant Dhepe	A study on the effect of food habits and lifestyle on health problem: Survey and Awareness	CSIR-NCL, Pune
288	Gaurav Dwivedi (20EE16A15011)	Raj Kumar	Detection of microplastics in water using digital holography	CSIR-CSIO, Chandigarh
289	Komati Anusha (10BB18J18025)	Ashok Kumar Tiwari	Mechanistic Paradigms of Natural Plants As Remedial Candidates For Malaria	CSIR-IICT, Hyderabad
290	Samatha Mathew (10BB16A02017)	Sridhar Sivasubbu	Capillary sequencing-based screening of SDHB gene in Hereditary Paraganglioma-Pheochromocytoma Type 4	CSIR-IGIB, New Delhi



291	Sushant Bhattacharya (10BB15J02008)	Malabika Datta	Open Medical Genetic Assays to Enable Diagnosis (Omgdx)	CSIR-IGIB, New Delhi
292	Nimisha Anant Parekh (10BB17A26048)	Anuya Nisal	Survey on awareness regarding the use of chemicals in hair care products - impact on humans and the environment.	CSIR-NCL, Pune
293	Saira Banu (10CC16A04033)	Prem Prakash Yadav	A survey on post-covid syndromes	CSIR-CDRI, Lucknow
294	Sam Sankar S (10CC17A05004)	Subrata Kundu	Preliminary Studies on Eco- friendly, Less-Polluting Fire crackers through modified chemical formulations	CSIR-CECRI, Karaikudi
295	Abhishek Kumar Chauhan (20EE16A32038)	Pankaj Kumar	Development of pervoskite based solar panels and solar torch for rural area.	CSIR-NPL, New Delhi
296	Kashif Quamar Inqalabi (20EE15J14001)	Rajeev Kumar Garg	Design of embankment and pavement in flood affected area to mitigate the effects of flood	CSIR-CRRI, New Delhi
297	Mithlesh Kumar Singh (10BB16A25008)	P.K. Singh	Awareness program on the threat of excessive use of a mobile phone by children	CSIR-NBRI, Lucknow
298	Esther Jamir (10BB18A38014)	Garikapati Narahari Sastry	Asset to livelihood: Herbal ways for health and wellness	CSIR-NEIST, Jorhat
299	Kusumita Kundu (10CC19J09004)	Tarun Kumar Kayal	Utilization of Waste Plastic bottle (PET Flakes) to enhance the comprehensive Strength of concrete Material	CSIR- CGCRI, Kolkata
300	Ankit Kumar Agrawal (10CC17A19008)	Bipul Sarkar	Waste Management: Appeal Towards Waste Free Society	CSIR-IIP, Dehradun
301	Dasari Padmakar (10CC16A18006)	N Lingaiah	Application of Membrane Technology to Promote Rural Welfare	CSIR-IICT, Hyderabad
302	Parimaladevi Ganthala (10CC17A18028)	Bathini Nagendra Babu	PHEROMONE APPLICATION TECHNOLOGY-PINK BOLLWORM MANAGEMENT	CSIR-IICT, Hyderabad
303	Jyoti M Honnanayakanavar (10CC16A18014)	S Suresh	Water Purification in Rural Areas through Membrane Technology: Contribution to Rural Society Welfare	CSIR-IICT, Hyderabad
304	Bhanu Pratap Singh Solanki (10CC14A26024)	S B Mhaske	A case survey and solution of Fluoride contamination in ground water of Dudu (Rajasthan)	CSIR-NCL, Pune



305	Sachin Kumar (10CC16A26012)	Sreekumar Kurungot	Physical Conferences vs. Virtual Conferences for Future Scientific Research Collaboration	CSIR-NCL, Pune
306	Abhishek Gour (10BB16A37007)	Utpal Nandi	Potential of traditional medicinal plants for the management of sickle cell disease	CSIR-IIIM, Jammu
307	Sumitha Paul (10CC15A39010)	Karunakaran Venugopal	Extraction of Coconut Oil from Sediment Using Organic Solvents	CSIR-NIIST, Thiruvananthapuram
308	Palak Daga (10BB16J08005)	Ajay W Tumaney	Breakfast Food Habits in School Children	CSIR-CFTRI, Mysuru
309	Prabhat Kumar Baghel (20EE14A15008)	Raj Kumar	Utilisation of abrasive-glass colloid (a waste produced in Ambala optics manufacturing industries) as construction material	CSIR-CSIO, Chandigarh
310	Preeti Singh (10CC16A12006)	Nripen Chanda	Design and development of low-cost non-enzymatic electrochemical sensor for detection of urea in blood sample	CSIR-CMERI, Dugrapur
311	Renu Masiwal (10CC16J32013)	Chennender Sharma	Indoor Air Pollution in Rural Households in India- A Case Study	CSIR-NPL, New Delhi
312	Ajaz Ahmed (10CC17A37021)	Debaraj Mukherjee	A profitable substitute cultivation of lavender in humid subtropical climate	CSIR-IIIM, Jammu
313	Narugopal Manna (10CC16A26001)	Sreekumar Kurungot	Physical Conferences vs. Virtual Conferences for Future Scientific Research Collaboration	CSIR-NCL, Pune
314	Praveen Kumar Yadav (10CC17J32011)	S. Swarupa Tripathy	A report on green compost fertilizer: A cost-effective, eco-friendly and sustainable alternative of chemical fertilizer	CSIR-NPL, New Delhi
315	Khushboo (10BB16A02009)	Mitali Mukerji	Sequencing based diagnostic assays for rare diseases Mucopolidosis type IV	CSIR-IGIB, New Delhi
316	Dilip Menon P (10BB16J02002)	Sheetal Gandotra	Harnessing large data and AI towards facilitating healthcare in aspirational district of Sirohi	CSIR-IGIB, New Delhi
317	Shinde Ambika Hemant (10BB17A16009)	Soumya Haldar	Efficiency analysis of an innovative and low- cost biological filtration unit for drinking water	CSIR-CSMCRI, Bhavnagar



318	Bhavana Kushwaha (10BB16A04005)	Gopal Gupta	Assessment of awareness on generic drugs among the Pharmacists and lower strata of Rural and Urban Kanpur Nagar District, U.P.	CSIR-CDRI, Lucknow
319	Hanna B. (10PP16J39007)	Narayanan Unni K N	Flexible Optical Diffusers Based on Waste Glass Dispersed in Polymer Matrix	CSIR-NIIST, Thiruvananthapuram
320	Ambika (10BB16A33012)	Dharam Singh	Impact of ASHA workers on improvement of rural health services	CSIR-IHBT, Palampur
321	Godan T. K. (10BB19J39003)	Binod Parameswaran	Study on development of bio-adhesive using sustainable resources: lignin and HMF	CSIR-NIIST, Thiruvananthapuram
322	Pallavi Awasthi (10CC18A04037)	Atul Goel	Survey on awareness of bone health	CSIR-CDRI, Lucknow
323	Priyamvadah Kintth (10MM13A30001)	Yogesh Suman	Challenges & Possible Solutions: Potable Water in North-Eastern (NE) Region of India	CSIR-NISTADS, New Delhi
324	Aniket Gupta (10CC18A16007)	Sukalyan Bhadra	Determination of TDS and heavy metals in drinking water of various rural parts of Gujarat and its removal to make water potable	CSIR-CSMCRI, Bhavnagar
325	Kanagavalli P (10CC18A05013)	Murugan Veerapandian	Design and validation of indigenous electrochemical immunosensor platform for Dengue diagnosis: affordable healthcare study	CSIR-CECRI, Karaikudi
326	Rajesh (20EE15J15009)	N S Aulakh	Eco friendly biomass-briquettes technology	CSIR-CSIO, Chandigarh
327	Paka Rajitha (10CC17A18025)	Lingaiah Nagarapu	Application of Membrane Technology to Promote Rural Welfare	CSIR-IICT, Hyderabad
328	Mulani Fayaj Alam (10CC16J26012)	Thulasiram H V	A survey report on Mid day meal scheme in schools of Pune	CSIR-NCL, Pune
329	Praveena N. M. (10CC16A39004)	E. Bhoje Gowd	Development of Biodegradable Plates Using Natural Fiber Reinforced Polymer Composites	CSIR-NIIST, Thiruvananthapuram
330	Ghule Siddharth Sambhaji (10CC17A26010)	Kumar Vanka	Current Status of Lithium Battery Recycling with Mathematical Projections, Domestic Battery Waste Management and Relevant Policy suggestions	CSIR-NCL, Pune



331	Babita Choudhary (10BB16A16013)	Avinash Mishra	Overview of manufacturing and improving quality process of salt with study of solar pan workers socioeconomic conditions and estimation of green algae biological components and activity	CSIR-CSMCRI, Bhavnagar
332	J. Sivaprashanth (20EE13A18042)	K. Yamuna Rani	Application of Membrane Technology to Promote Rural Welfare	CSIR-IICT, Hyderabad
333	Ankita Sharma (10BB17A37010)	Gurdarshan Singh	Plant based natural products and their application as a major health aid in Depression- a major psychiatric issue.	CSIR-IIIM, Jammu
334	Natani Sirisha (10BB18J18027)	Ramesh Ummanni	Fluorosis (Causes, Diagnosis, Management and Prevention)	CSIR-IICT, Hyderabad
335	Vinita (10CC17A26031)	Santosh B. Mhaske	E-waste management: A challenge to the Public Health	CSIR-NCL, Pune
336	Narsingh Verma (10CC18J10012)	Arvind Singh Negi	Studies on socio-economic impact of the integration of Menthol mint ( <i>Mentha arvensis</i> L.) in existing cropping pattern in Barabanki (UP)	CSIR-CIMAP, Lucknow
337	Aher Jagadish Dhanaji (10CC17J26045)	K Krishnamoorthy	Fluoride contamination of ground water: An awareness on health risks and remedial strategies	CSIR-NCL, Pune
338	Deepak Milind Marathe (10CC18A27033)	Kanchan Kumari	Field visit to vermicompost unit at Pandharkavda, Umred Road, Nagpur	CSIR-NEERI, Nagpur
339	Dey Sanchita Sanchaya (10BB15J02006)	Bhupesh Taneja	Protocol for amplification of SMN2 genomic loci for sequencing in Spinal Muscular Atrophy	CSIR-IGIB, Delhi
340	Manpreet Singh (10CC17A16001)	Subhadip Neogi	Estimation of Water Quality of the Various Eateries in and around Bhavnagar City and their Hygiene Facets	CSIR-CSMCRI, Bhavnagar
341	Sudharshan. J (10BB17A18046)	Gangagni Rao Anupaju	Environmental Impacts of Solid Waste Management in India: From Waste Disposal to Recovery of Resources	CSIR-IICT, Hyderabad
342	Krishna Bhan Singh (10BB19J04044)	Divya Singh	Osteoporosis: A silent killer How much our society knows about it?	CSIR-CDRI, Lucknow



<b>343</b>	Kharche Shalmali Arvind (10BB15A26041)	Durba Sengupta	Impact of Covid19 pandemic on the overall well-being of Ph.D. students	CSIR-NCL, Pune
<b>344</b>	(10BB17J26055)	Dhiman Mrinal Sarkar	Awareness of Dental and Skeletal Fluorosis– A Survey	CSIR-NCL, Pune
<b>345</b>	Jyoti Chhimwal (10BB17J33009)	Yogendra Shantaram Padwad	Incidence survey and awareness about the lifestyle associated risk factors of hypertension among rural and sub-urban working population and families of CSIR-IHBT	CSIR-IHBT, Palampur
<b>346</b>	Imran Ahmad (10BB15A22005)	Manoj Kumar	Awareness for the Safety Measures to be Taken During the Use of Chemical Fertilizer for Farmers of Chichodhi Village in Balrampur District, Uttar Pradesh	CSIR-IITR, Lucknow
<b>347</b>	Chitragupta Swaroop Chitransh (20EE17A35004)	S Saxena	Study for the development of smart village Model in Dahod village	CSIR-AMPRI, Bhopal
<b>348</b>	Pillai Meenakshi Shankarnarayana (10BB16A26037)	Santosh Kumar Jha	Understanding your Carbon Footprint	CSIR-NCL, Pune
<b>349</b>	Venkatarao Ajaykumar (10PP17J28003)	Nepal Chandra Mondal	Drinking and irrigation suitability studies of groundwater linkage with the societal awareness at Thurakapalem village, Prakasam District, Andhra Pradesh	CSIR-NGRI, Hyderabad
<b>350</b>	Saritha C (10MM13A44001)	Paromita Banerjee	Patent Landscape Report OnProcess for Production of High Yield Solar Salt by Brine Evaporation	CSIR-URDIP, Pune
<b>351</b>	Chrysanthus Andrew (10CC18A05012)	M. Jayakumar	Design and validation of indigenous electrochemical immunosensor platform for Dengue diagnosis: affordable healthcare study	CSIR-CECRI, Karaikudi
<b>352</b>	Shijina K. (10CC18A39014)	Hareesh U. S	Starch based bioplastics for packaging applications	CSIR-NIIST, Thiruvananthapuram
<b>353</b>	Borade Balasaheb Raghunath (10CC16A26006)	Kontham Ravindar	Development of Organic Fertilizer from Agriculture Waste	CSIR-NCL, Pune
<b>354</b>	Shashi Arya (10BB17A27013)	Sunil Kumar	Findings of field Visit to Ubgi village	CSIR-NEERI, Nagpur



355	Chaitra Rai (50BB15A08007)	Poornima Priyadarshini C G	Critical Assessment of Mid-day Meal Food safety and Nutritional quality in Mysuru District, Karnataka	CSIR-CFTRI, Mysuru
356	Vijitha I (10PP14A39010)	Biswapriya Deb	Fabrication of ZnO modified carbon electrode from waste dry cell battery for energy application	CSIR-NIIST, Thiruvananthapuram
357	Pallavi Sharma (10BB16A33006)	Damanpreet Singh	Survey and awareness program on the use of herbal formulations for female health benefits in the selected regions of Kangra district	CSIR-IHBT, Palampur
358	Pawan Kumar (10BB15A02023)	Bhupesh Taneja	Jigyasa science outreach at IGIB	CSIR-IGIB, Delhi
359	Padmavathi Bevara (10PP16J28001)	Virendra Mani Tiwari	GROUNDWATER QUALITY AT NGRI HYDROLOGICAL PARK IN CHOUTUPPAL AREA, TELANGANA	CSIR-NGRI, Hyderabad
360	Krishnamoorthy K (10CC14J05004)	R. Thangamuthu	A study on water management system adopted in Panangudi, Sivaganga District	CSIR-CECRI, Karaikudi
361	Pooja Gupta (20EE15A15001)	S. Mondal	Energy Harvesting from Bio-resource available in CSIR-CSIO campus	CSIR-CSIO, Chandigarh
362	Shailesh Mohine (20EE16J15010)	B S Bansod	Smart UV-based Systems for Surface and Air Disinfection	CSIR-CSIO, Chandigarh
363	Dewasya Pratap Singh (10BB16J10014)	Ashutosh K. Shukla	Screening and Survey of malnourished community at Village Gangapur Patiya, Pantnagar, Uttarakhand	CSIR-CIMAP, Lucknow
364	Anila Sebastian (10CC17A39007)	Suresh C. H.	Antibiotic Resistance: Public Perception, Knowledge, Attitude and Behaviour	CSIR-NIIST, Thiruvananthapuram
365	Viren Sardana (10BB15J02010)	Anurag Agrawal	Development of Non Invasive Ventilation Device 'Swasthvayu' for supplementing oxygen and respiratory support in covid patients with NAL Team	CSIR-IGIB, New Delhi
366	Devendra Singh Parihar (20EE17A15019)	H.K. Sardana	Techno-socio assessment of "Divya Nayan- A personal reading machine for visually impaired" among the different age group of visually impaired in Madhya Pradesh	CSIR-CSIO, Chandigarh



<b>367</b>	Ranadip Goswami (10CC18A16006)	Subhadip Neogi	Highly Selective and Regenerative Scavenging of Toxic Arsenic (V) from Ground Water by Robust, Porous Adsorbent via Real- Life Water Analysis	CSIR-CSMCRI, Bhavnagar
<b>368</b>	Mali Bhupendra Pralhad (10CC17A26062)	Rajesh Ghanshyam Gonnade	A study on the effect of rumours about the epidemic diseases from social media on economical balance of society	CSIR-NCL, Pune
<b>369</b>	Jamal Ahmad Ansari (10BB15A22007)	Debabrata Ghosh	Corona Virus Disease (COVID-19) & Its Prevention Mass awareness about COVID-19 in rural areas of Basti District (UP)	CSIR-IITR, Lucknow
<b>370</b>	Arpita Singh (10BB14J25007)	Puneet Singh Chauhan	Evaluation of societal influences on obesity and type II diabetes on school- aged children from low, middle and high income population	CSIR-NBRI, Lucknow
<b>371</b>	Rashmi Semwal (10CC17A16005)	Adimurthy Subbarayappa	Domestic water purifying practices influenced by unawareness: A Survey report supported by experimental evidences	CSIR-CSMCRI, Bhavnagar
<b>372</b>	Nasima Bano (10BB17J37002)	Dr. Mohd Jamal Dar	An initiative for implementation of Cashmere goats breeding in Ladakh region-a positive impact on the changpa nomads' economy.	CSIR-IIIM, Jammu
<b>373</b>	Ramaprakash M (10CC17J05004)	N. Rajasekaran	Report on soil quality in CSIR - CECRI campus Karaikudi, Tamil Nadu	CSIR-CECRI, Karaikudi
<b>374</b>	Prerana Sharma (10CC18A16011)	Vinod Kumar Shahi	Remediation of Heavy metal ions from contaminated water system using adsorption technique	CSIR-CSMCRI, Bhavnagar
<b>375</b>	Rinky (10CC18A37026)	Sandip B Bharate	Medicinal and therapeutic potential of Sea buckthorn	CSIR-IIIM, Jammu
<b>376</b>	Makwana Ketankumar Ishwarbhai (10CC15A26032)	Manoher V Badiger	Use of Pesticides in Safe and Efficient Manner	CSIR-NCL, Pune
<b>377</b>	Patil Pravin Bhikaji (20EE17A26033)	Vinay Manoharrao Bhandari	Technical Audit and Consultancy to Sewage Treatment Plant (STP) of Housing Society	CSIR-NCL, Pune



<b>378</b>	Shashyendra Gautam (10BB16A22007)	Sheelendra Pratap Singh	Awareness program for the COVID-19 symptoms, identification, precaution, treatment and vaccination in the rural areas of Lakha, Raigarh	CSIR-IITR, Lucknow
<b>379</b>	Vishakha Pareek (20EE16A06001)	Sanjay Singh	Silicosis Early Detection and Prevention in Stone Carving and Mining Industry Workers	CSIR-CEERI, Pilani
<b>380</b>	Sharma Dipesh Mamraj (10CC17J26006)	Benudhar Punji	Understanding of Perception of People towards Digital Education: Survey and Public Awareness	CSIR-NCL, Pune
<b>381</b>	Ekata Saha (10CC16A16007)	Joyee Mitra	Overview of Solar Salt Manufacturing Process, Salt Quality Improvement (with the Focus of Reject Salt of Tanneries) & study of Socio-Economic Conditions of Solar Salt Pan Workers	CSIR-CSMCRI, Bhavnagar
<b>382</b>	Neha Sharma (10CC17A19006)	Anjan Ray	Analysis of waste management in local area	CSIR-IIP, Dehradun
<b>383</b>	Sumit Kumar (10PP16A32013)	Anjana Dogra	Awareness among rural India for Covid-19 and effective measures to control the Pandemic	CSIR-NPL, New Delhi
<b>384</b>	Lakshmi S. (10BB16A39014)	Priya S.	Breast-Self Awareness Through Self-Examination: A Community Intervention Program for Women in Thiruvananthapuram District of Kerala, India.	CSIR-NIIST, Thiruvananthapuram
<b>385</b>	Soda Anil Kumar (10CC19J18021)	Sridhar Madabhushi	"Pheromone Application Technology"	CSIR-IICT, Hyderabad
<b>386</b>	Vijay Kumar Nuthakki (10CC19A37048)	Sandip B Bharate	Dragon Fruit: A Sustainable and Highly Profitable Crop for Small and Medium Scale Farmers	CSIR-IIIM, Jammu
<b>387</b>	Mukesh Kumar (32EE15A41007)	P. Harikrishna	Mitigation of Energy Wastages & Poor Power Quality in Conventional Electricity Theft Protection Approach in Rural Market	CSIR-SERC, Chennai
<b>388</b>	Gurmeet Singh (10CC17J19006)	Ankur Bordoloi	Lab Waste Management	CSIR-IIP, Dehradun
<b>389</b>	Rakhi Mondal (10CC18J16006)	Uma Chatterjee	Collection of water samples from different rural areas of Bhavnagar and making it drinkable	CSIR-CSMCRI, Bhavnagar



390	Chitra Sarkar (10CC18J18011)	John Mondal	Construction of Porous Organic Polymer Based Materials for Upgradation of Biomass to Tackle Current Energy Crisis in Society	CSIR-IICT, Hyderabad
391	Aedula Vishnuvardanreddy (10CC17J18030)	D.K.Mohapatra	Environmental Impacts of Wastewater Management in India: From Waste Disposal to Recovery of Resources	CSIR-IICT, Hyderabad
392	Damera Vani (10CC17J18039)	Rajender Reddy	Municipal Solid Waste Management	CSIR-IICT, Hyderabad
393	Rohit Kumar (10CC17A26023)	Sakya Singh Sen	Hair Loss: Causes and Prevention; a green trend	CSIR-NCL, Pune
394	Vikas Dadwal (10BB16A33007)	Mahesh Gupta	Encouragement of healthy eating habits through a nutritional survey among school going children of district Kangra (H.P.)	CSIR-IHBT, Palampur
395	Ravi Shankar Kumar (10BB16J25008)	Prabodh Kumar Trivedi	Stubble Burning in India: Approaches to raise awareness and its management strategies in affected area	CSIR-NBRI, Lucknow
396	Anjali (10CC16A04024)	Rabi Sankar Bhatta	COVID-19 awareness and impact of Omicron variant pandemic	CSIR-CDRI, Lucknow
397	Amit Kumar (10BB15J37011)	Govind Yadav	Cultivation of medicinal , aromatic plants and crops in J&K region: Policy of Government	CSIR-IIIM, Jammu
398	Abhyankar Isha Hemant (10BB19J26011)	Anuya Nisal	Survey on awareness regarding the use of chemicals in hair care products - impact on humans and the environment	CSIR-NCL, Pune
399	T. Harini (10BB15A18049)	Haridas B Rode	Effect of socioeconomic factors on lymphatic filariasis in Karimnagar District of Telangana, India	CSIR-IICT, Hyderabad
400	Vipul Pandey (30EE15A06009)	Suchandan Pal	Electronic Chakri (e-Chakri)	CSIR-CEERI, Pilani
401	Veenita Tomar (10BB14A25005)	Manjoosha Srivastava	Dissemination of traditional knowledge of medicinal plants for their conservation by Tharu tribes	CSIR-NBRI, Lucknow
402	Yogesh Kumar (20EE16A15006)	Sanjeev Kumar	A Demographic representation of Smartphone based Application Targeted for	CSIR-CSIO, Chandigarh



			Healthcare facilities in Chandigarh District	
<b>403</b>	Shiv Rattan (10BB17J33012)	Ashish R. Warghat	Hydroponic farming: An efficient agriculture practice for socio-economic upliftment of farmers	CSIR-IHBT, Palampur
<b>404</b>	Premkumar M (32EE15A31004)	Rajat K. Roy	Survey of Brass Clusters in Kongu region of Western Tamilnadu	CSIR-NML, Jamshedpur
<b>405</b>	Velu D (10CC16A05003)	S. Senthil Kumar	Synthesis of high purity lead monoxide from spent lead acid batteries via low temperature hydrometallurgy process	CSIR-CECRI, Karaikudi
<b>406</b>	Kishor Kumar Johari (10PP17A32006)	Bhasker Gahtori	Lab Scale Prototype Demonstration of carbon Nano-fiber based flexible thermoelectric device	CSIR-NPL, New Delhi
<b>407</b>	Pratibha Singh (10CC19A04009)	Sanjeev Kanojiya	Mental health and psychological aspects of the COVID-19 pandemic	CSIR-CDRI, Lucknow
<b>408</b>	Ashok Panda (10BB16A16012)	Ashish Kumar Parida	Remediation of heavy metal ions from field water using adsorbent media	CSIR-CSMCRI, Bhavnagar
<b>409</b>	Shraddha Pandit (10BB16A22018)	Ramakrishnan Parthasarathi	Awareness programme Stubble burning, its harmful impact and alternatives available in Rural Areas	CSIR-IITR, Lucknow
<b>410</b>	Anjali B. R. (10CC16A39005)	Joshy Joseph	Upcycling of Jackfruit Waste to Hand-made Paper: A supplement to sustainable development	CSIR-NIIST, Thiruvananthapuram
<b>411</b>	Naini Garg (20EE17A15010)	Amit Lochan Sharma	Sugarcane Bagasse Ash (SCBA) - A Valuable by product for dye removal from the Waste Water	CSIR-CSIO, Chandigarh
<b>412</b>	Subhash Kumar (10BB17J33005)	Dharam Singh	Impact of ASHA workers on improvement of rural health services	CSIR-IHBT, Palampur
<b>413</b>	Borole Umesh Pramod (20EE16J24006)	Prasanta Chowdhury	Design and Development of GMR based Pressure Sensor and Flow Sensor for Medical Ventilator	CSIR-NAL, Bangaluru
<b>414</b>	Amit Kumar (10BB16A02002)	Malabika Datta	Open Medical Genetic Assays to enable Diagnosis (OMGDx): Sequencing based diagnostic assay for the genetic testing of Rett Syndrome (MeCP2 gene)	CSIR-IGIB, New Delhi



415	Pooja Badhwar (10BB15A02025)	Bhupesh Taneja	Protocol for amplification of NPC2 genomic loci for sequencing in Niemann- Pick disease, type C2	CSIR-IGIB, Delhi
416	Shailesh Kushwah (20EE15J35003)	M. Mudgal	Development of fly ash based (cement free) ferro- Geopolymer Panels for Rural Housing Applications	CSIR-AMPRI, Bhopal
417	Shivanshu Mishra (30EE15A06006)	Ing. Nidhi Chaturvedi	Wireless/IoT Soil Moisture Sensor-based Smart Irrigation	CSIR- CEERI, Pilani
418	Shirsath Sachin Rohidas (10CC17J26007)	M. Muthukrishna n	Locust Swarm Attack and Its Impact on Our Society: General Awareness	CSIR-NCL, Pune
419	Biju D (10MM18A42011)	G. Mahesh	Technological Interventions for the Value Addition of Piper nigrum (Pepper): The Role of CSIR	CSIR-NIScPR, New Delhi
420	Priyanka Chauhan (10BB17A25011)	Aradhana Mishra	Management program for control of stubble burning through the production of bioethanol	CSIR-NBRI, Lucknow
421	Akanksha Singh (10BB15A08007)	Sachin M. Eligar	Assessment of food fatigue and Menu diversification	CSIR-CFTRI, Mysuru
422	Parul Gupta (10BB19J04045)	Sarika	Impact of the COVID-19 virus outbreak on movement and play behaviours of children and youth	CSIR-CDRI, Lucknow
423	Deependra Pratap Singh (10CC19A43011)	Bodhisatwa Hazra	Rainwater Harvesting: A need of the hour to secure water for future generation	CSIR-CIMFR, Dhanbad
424	Ashitha K. T. (10CC15A39002)	B.S. Sasidhar	Fabrication and Characterization of Bioplastic from Starch and Chicken Feather Keratin	CSIR-NIIST, Thiruvananthapuram
425	Sandhya Saini (10CC17A19004)	Suman L. Jain	Composting of kitchen waste using different ratio of bulking agent	CSIR-IIP, Dehradun
426	Navin Singhal (20EE15A06003)	Abhijit Karmakar	Air Quality Monitoring System	CSIR-CEERI, Pilani
427	K. Sandeepa (20EE17J18042)	T. Prathap Kumar	Lab scale prototype Demos	CSIR-IICT, Hyderabad
428	Gaurav Sharma (10CC16A04027)	Sanjeev Kumar Shukla	Paradigm shift about COVID-19 vaccination uptake after second wave	CSIR-CDRI, Lucknow
429	Vishakha Goyal (10CC18A19003)	Kishore Natte	Environmental Management within CSIR- Indian Institute of Petroleum: To improve Sustainability within the CSIR-IIP Campus	CSIR-IIP, Dehradun



<b>430</b>	Zinoy M (10CC14J26018)	Kaliaperumal Selvaraj	Potential health risks due to leached contaminants in drinking water and food items from plastic packaging: survey and awareness	CSIR-NCL, Pune
<b>431</b>	Kirti (10CC19A16016)	Divesh Narayan Srivastava	Chemical and Electrochemical Analysis of Soil and its Irrigation Water for Agricultural Purpose with its Possible Solution to remove heavy metal ions	CSIR-CSMCRI, Bhavnagar
<b>432</b>	Khadim Hussain (10BB17J37007)	Nasheeman Ashraf	: Scope and extension needs of saffron cultivation in Ladakh region	CSIR-IIIM, Jammu
<b>433</b>	Arpita Roy (10BB19A18050)	Chittaranjan Patra	Assessment of Heavy Metal Content in Ayurvedic Medicines and Its Risk for the Public Health	CSIR-IICT, Hyderabad
<b>434</b>	Kolgave Dattahari Hanmantrao (10CC17J18016)	Raji Reddy Chada	PEROMONE APPLICATION TECHNOLOGY (PAT)	CSIR-IICT, Hyderabad
<b>435</b>	Jyoti Gahtori (10CC17A19002)	Ankur Bordoloi	Analysis of waste management in local area	CSIR-IIP, Dehradun
<b>436</b>	Palivela Siva Gangadhar (10CC18J18019)	L. Giribabu	An Insight into Dye-Sensitized Solar Cell, Applications Dye Sensitized Solar Cells Applications: integrated societal development	CSIR-IICT, Hyderabad
<b>437</b>	Gargi Kundu (10CC17A26014)	Sakya Singh Sen	Hair Loss: Causes and Prevention; a green trend	CSIR-NCL, Pune
<b>438</b>	Anshul Yadav (20EE19A16001)	Pawan K Labhasetwar	Demonstration of Modular Indigenous desalination system mounted mobile/carrier for potable water distribution for sustained emergency response & recovery	CSIR-CSMCRI, Bhavnagar
<b>439</b>	Richa Garg (10BB18J04020)	Jiaur Rahaman Gayen	Impact of lockdown on financial burden due to COVID-19: Survey in Diabetic population	CSIR-CDRI, Lucknow
<b>440</b>	Shweta Tomer (10PP17J32008)	Vandana	Societal cognizance of end-of-life solar photovoltaic module management	CSIR-NPL, New Delhi
<b>441</b>	Patil Amol Dnyandev (10CC19A18025)	Raji Reddy Chada	Drugs of Covid-19	CSIR-IICT, Hyderabad



<b>442</b>	M.V. Subba Rao Muppidi (10CC19J18007)	Raji Reddy Chada	Various Nitrogen containing heterocyclic moieties and their antitubercular activity	CSIR-IICT, Hyderabad
<b>443</b>	Jayadev V. (10PP16A39009)	K. N. Narayanan Unni	Hazardous UV-Deep Blue Radiation Shields using Natural Turmeric Mixed Polymer Matrix	CSIR-NIIST, Thiruvananthapuram
<b>444</b>	Yendrapati Taraka Prabhu (10CC17A18011)	Ujjwal Pal	Water with Membrane Technology	CSIR-IICT, Hyderabad
<b>445</b>	Ranaprathap Katakajwala (10BB17A18050)	S Venkata Mohan	Rice Straw Valorisation using Cleaner and Sustainable Resource Recovery Approach: Profitable Option for the Indian Farming Community	CSIR-IICT, Hyderabad
<b>446</b>	M Sandhiya (10CC18J05005)	M. Sathish	Development of environmental benign crackers - A Green approach	CSIR-CECRI, Karaikudi
<b>447</b>	Darshan D (10BB14A08022)	Nandini Prasad Shetty	Pilot Project Regarding Food Safety In Schools Under MDM	CSIR-CFTRI, Mysuru
<b>448</b>	Meera Christopher (10BB17A39027)	Rajeev Kumar Sukumaran	Repurposing Proteases: An in-silico analysis of the binding potential of extracellular fungal proteases with selected viral proteins	CSIR-NIIST, Thiruvananthapuram
<b>449</b>	SHARANAGOUDA (20EE17J24004)	CM Manjunatha	A design of solar backpack power sprayer model for spraying pesticide or herbicide chemical substances on cultivated crops in agriculture field	CSIR-NAL, Bangaluru
<b>450</b>	Manisha Sharma (20EE16J15005)	Suman Singh	Disinfection of Hospital Environment	CSIR-CSIO, Chandigarh
<b>451</b>	Sonu Kumar (30EE14A41011)	C. Sethuraman	Solar Photocatalytic Decolourisation of Dyeing Waste Water using Low Cost Nanomaterial	CSIR-SERC, Chennai
<b>452</b>	Sushmita Singh (10BB17A04021)	Akhilesh Kumar Tamrakar	General awareness among people about Diabetes and its self-management in Jankipuram extension Lucknow district of Uttar Pradesh	CSIR-CDRI, Lucknow
<b>453</b>	Manupati Hemalatha (10BB17A18045)	S Venkata Mohan	Long term Surveillance for SARS-CoV-2 in an Urban Setting –Wastewater Based Epidemiological Studies	CSIR-IICT, Hyderabad



454	Gaura Chaturvedi (10BB15A02013)	Bhavana Prasher	Sero-diagnosis of response to COVID-19 in patient samples	CSIR-IGIB, New Delhi
455	Nagender Thadem (10CC17A18024)	Saibal Das	Treatment to Produce Drinking Water using Membrane filtration techniques	CSIR-IICT, Hyderabad
456	Saikat Bolar (10CC19J12002)	Tapas Kuila	Development of Waste Sal (Shorea Robusta) Flower Derived Low Cost, High Performance Supercapacitor for Sustainable Energy Application: A Techno- Commercial Assessment	CSIR-CMERI, Durgapur
457	Shubham Srivastav (10CC19J10001)	C S Chanotiya	Impact of Covid-19 Pandemic:Survey,Assessme nt,Prevention and Precaution	CSIR-CIMAP, Lucknow
458	Kajare Roshan Chandrakant (10CC17J18013)	Raji Reddy Chada	PHEROMONE APPLICATION TECHNOLOGY (PAT)	CSIR-IICT, Hyderabad
459	Puja Mitra (20EE16J12001)	Samik Dutta	Colorimetric detection of glucose and quantification based on digital image processing using smart- phone	CSIR-CMERI, Durgapur
460	Wadekar Ketan Bhimrao (10CC17A18035)	Ch. Raji Reddi	Pheromone Application Technology	CSIR-IICT, Hyderabad
461	Aadil Qadir Bhat (10BB17A37007)	Mohd Jamal Dar	Opportunities for medicinal plant cultivation, as well as the function of medicinal plants in national health and wealth	CSIR-IIIM, Jammu
462	Deepak Panchal (10BB17A27016)	Sukdeb Pal	Visit and Need Assessment Report of Village-Khapri Ubagi, Taluka: Kalameshwar, Dist: Nagpur, Maharashtra (INDIA)	CSIR-NEERI, Nagpur
463	Nayana N. (10BB18A39031)	Nisha P.	Acceptability Studies of Vegetable Oil Blends with Red Palmolein, A Substitute for The Conventional Edible Oils	CSIR-NIIST, Thiruvananthap uram
464	Madhuri Gupta (10CC18J10011)	Prasanta Kumar Rout	Evaluation of Farming pattern and socio- economic status of Mall Malihabad villagers	CSIR-CIMAP, Lucknow
465	Tarandeep Singh (20EE16J15013)	Neerja Garg	Impact assessment of reading assistive device 'Divyanayan' among	CSIR-CSIO, Chandigarh



			visually impaired students in Delhi	
466	Vankudoth Ramesh (10CC17A18013)	Praveen Kumar Reddy	Utilization of Membrane Technology to Apply Rural Welfare	CSIR-IICT, Hyderabad
467	Neha Bura (10PP17A32008)	Nita Dilawar Sharma	Lab scale Prototype Demonstration of Carbon Nano-Fiber based flexible Thermoelectric Device	CSIR-NPL, Delhi
468	Shudh Kirti Dolma (10BB15A33005)	S.G. Eswara Reddy	Analysis and documentation of naturally grown <i>Sapium sebiferum</i> (L.) Roxb: a potential source of biofuel	CSIR-IHBT, Palampur
469	Mohole Madhura Satish (10BB16J26027)	Durba Sengupta	Mental Wellbeing of Ph.D. Students During COVID-19 Pandemic	CSIR-NCL, Pune
470	Kajal Sinha (10BB17J33006)	Yogendra Shantaram Padwad	COVID-19 Pandemic"	CSIR-IHBT, Palampur
471	J Shanthi Sravan Kumar (10BB17A18044)	S Venkata Mohan	SARS-CoV-2 Integrated Disinfection Strategies: An Effective Inactivation Strategy for Viral Pathogens in Environmental Perspective	CSIR-IICT, Hyderabad
472	Nitika Kapoor (10BB16J37009)	Sumit Gandhi	Present status and future prospects of cultivation of medicinal and aromatic plants in J&K region.	CSIR-IIIM, Jammu
473	S. Koilraj Jebakumar (20EE14A24005)	Abhay Pashilkar	Handloom Industry - An Opportunity for the Implementation of Digital India Concept	CSIR-NAL, Bangaluru
474	Thopate Satish Bhausaheb (10CC17J18011)	Rambabu Chegondi	PEROMONE APPLICATION TECHNOLOGY (PAT)	CSIR-IICT, Hyderabad
475	Kartik Manna (10CC17J17004)	Ranjan Jana	Repurposed Antiviral Drugs for Covid-19	CSIR-IICB, Kolkata
476	David Dayanidhi P (10CC19J11001)	V. G. Vaidyanathan	Collagen-based Oil Absorbent: An Effort to Protect Marine Ecosystem from Oil Spillage	CSIR-CLRI, Chennai
477	Rojali Maharana (10BB16A36001)	N.K. Dhal	Socio-Economic, Health & Agricultural survey of some villages in Bargarh District, Odisha.	CSIR-IMMT, Bhubaneswar
478	Prince Joshi (10BB19A04005)	Renu Tripathi	A survey report on intension after graduation	CSIR-CDRI, Lucknow
479	K. Sanjeev (10CC17J18006)	Chandrasekhar Srivari	Report on Pheromone Application Technology	CSIR-IICT, Hyderabad



<b>480</b>	Beneyaz Ara Begum (20EE14J18084)	Raji Reddy Chada	Application of Membrane Technology to Promote Rural Welfare In India	CSIR-IICT, Hyderabad
<b>481</b>	Bal Govinda (10PP18A32056)	V.P.S. Awana	Study on Management of plastic waste	CSIR-NPL, New Delhi
<b>482</b>	Bhaumik Sutariya (20EE18A16016)	Hiren Dinkarray Raval	Demonstration of Modular Indigenous desalination system mounted mobile/carrier for potable water distribution for sustained emergency response & recovery	CSIR-CSMCRI, Bhavnagar
<b>483</b>	Bharadwaja Yathirajam (20EE16J24004)	S.M. Vaitheeswaran	Vision-Based Social Distance Monitoring and Alerting System Using A Single Camera	CSIR-NAL, Bangaluru
<b>484</b>	Kuldeep Kumar Garg (10CC16A32024)	Rajiv Kumar Singh	A solid-state cooling based portable vaccine storage system	CSIR-NPL, Delhi
<b>485</b>	Medishetti Nagaraju (10CC18A18033)	Krishnaiah Atmakur	"Contribution of CSIR-IICT to Agrochemicals and a Detailed Study of Chlorpyrifos and Saflufenacil"	CSIR-IICT, Hyderabad
<b>486</b>	Anil Kumar Rana (10BB16A33014)	Damanpreet Singh	Survey and awareness program on the use of herbal formulations for female health benefits in the selected regions of Kangra (Bandla, Paprola and Ayurvedic hospital Paprola) district	CSIR-IHBT, Palampur
<b>487</b>	Avriti Ranjan (10BB17A25004)	Prabodh Kumar Trivedi	Assessment of the primary education of children and its management towards improvement, during and post COVID-19 pandemic situation, in rural areas of Lucknow district	CSIR-NBRI, Lucknow
<b>488</b>	Reshmitha T. R. (10BB17J39008)	Nisha P.	Quantification of 5-Hydroxy-Methyl Furfural (HMF) And Phytochemicals in Different Branded Honey and Bioactives Infused Honey Products	CSIR-NIIST, Thiruvananthapuram
<b>489</b>	Rajesh R. O. (10BB16A39019)	Binod Parameswaran	Utilization of pineapple waste for chemical production –Waste -to-Wealth approach	CSIR-NIIST, Thiruvananthapuram



<b>490</b>	Dhanamjai Penta (10BB17J08003)	Syed Musthapa M	CSIR-800: "Creating standard operating protocols (SOP) for disaster flood relief operations, logistics and collection of ground level data from the recently flood affected areas	CSIR-CFTRI, Mysuru
<b>491</b>	Biraj Kumar Sahoo (32EE15A31003)	Sandip Ghosh Chowdhury	Traditional manufacturing process of Silver filigree clusters in India	CSIR-NML, Jamshedpur
<b>492</b>	Grace Kaul (10BB17A04011)	Sidharth Chopra	A survey on awareness and knowledge regarding antibiotic usage and antibiotic resistance	CSIR-CDRI, Lucknow
<b>493</b>	Bhojanaa K B (10CC18J05006)	A. Pandikumar	Design and prototyping of energy efficient, portable, low-cost egg incubator	CSIR-CECRI, Karaikudi
<b>494</b>	Nishant Raj Kapoor (20EE19J01004)	Ashok Kumar	Public Perception on SARS- CoV-2 Transmission and Air Disinfection Systems: A Study	CSIR- CBRI, Roorkee
<b>495</b>	Arjita Das (20EE15A12001)	Sudip Kumar Samanta	Micro-EDM textured hydrophobic surface over Titanium for antibacterial activities	CSIR-CMERI, Durgapur
<b>496</b>	Shashanka Sonowal (10BB17J38007)	Natarajan Velmurugan	Crisis of Municipal Solid Waste Management in different parts of Assam, its effects and probable control measures	CSIR-NEIST, Jorhat
<b>497</b>	Chandni Sharma (10BB17A33012)	Amitabha Acharya	Prospective community- based survey and awareness program for factors associated with obesity	CSIR-IHBT, Palampur
<b>498</b>	Arpita Das (10BB17A08013)	Ramaprasad T.R.	A survey on changes in food consumption habits nutritional/health status of CFTRI staff and students during COVID 19 pandemic period	CSIR-CFTRI, Mysuru
<b>499</b>	Ravi Singh (10BB18A37001)	Asha Chaubey	Production of chitinase based microbial biopesticides for agriculture applications	CSIR-IIIM, Jammu
<b>500</b>	Sumera Banoo Malik (10BB18J37002)	Dilip M Mondhe	Medicinal plants and lavender production , health benefits , trade and economical upliftment of farmers in Jammu and	CSIR-IIIM, Jammu



			Kashmir notably in Chenab valley region	
501	Harwinder Singh (10CC18A16008)	Sumit Kumar Pramanik	Soil and water quality analysis for the presence of Polyaromatic Hydrocarbons in different industrial zones near Gujarat Industrial Development Corporation (GIDC) of Vadodara, Gujarat	CSIR-CSMCRI, Bhavnagar
502	Jogdand Shunottara Milind (10CC17A26012)	R. Nandini Devi	A Survey on How Climate Changes Effect Rubber Plantation and to initiate awareness about 'Aquaponic' system in India	CSIR-NCL, Pune
503	Sumit Das (10CC17J17005)	Indu Bhusan Deb	Sustainable Energy Source: A Field Study of Biomass Gasification Plant in the State of West Bengal, India	CSIR-IICB, Kolkata
504	Nidhankar Aakash Deepakrao (10CC17J26016)	Santhosh Babu Sukumaran	COVID-19 treatment: Current Status and Scientific Efforts Worldwide	CSIR-NCL, Pune
505	Sadaf Fatima (10PP16A32016)	Sumit Kumar Mishra	A survey on Indoor Air Pollution and Health Impacts on Habitants in Delhi	CSIR-NPL, New Delhi
506	Ashutosh Kumar Mishra (20EE18J27005)	Paras Ranjan Pujari	Fieldwork at Koradi Thermal Power Plant's Ash-Disposal Site	CSIR-NEERI, Nagpur
507	Gauri Duarah (10CC16A38004)	Sanjib Gogoi	Assessment of inorganic and biological water quality of some ground water samples from some villages of Majuli district	CSIR-NEIST, Jorhat
508	Sallaram Sindhoora (10BB16J08002)	P. Vijayanand	Breakfast Food Habits in School Children	CSIR-CFTRI, Mysuru
509	Neeraj Kumar (10BB16A33013)	Vishal Acharya	Rice productivity forecasting based on the weather variable of Kangra district : A machine learning approach	CSIR-IHBT, Palampur
510	Asuma Janeena (10BB17J11002)	N. Ayyadurai	JIGYASA: Encouraging the students in scientific world via studentscientist interaction program	CSIR-CLRI, Chennai
511	Ashish Kumar Shukla (10BB17A33013)	Amitabha Acharya	Prospective community-based survey and awareness program for	CSIR-IHBT, Palampur



			factors associated with obesity	
512	Naghma Khan (10CC18J32010)	N. Vijayan	Awareness among rural India for Covid-19 and effective measures to control the Pandemic	CSIR-NPL, New Delhi
513	Amit Kumar Mauraya (10PP17J32004)	M. Senthil Kumar	A Report on Green Compost Fertilizer: A Cost-Effective, Eco- Friendly and Sustainable Alternative of Chemical Fertilizer	CSIR-NPL, Delhi
514	Gaikwad Bipin Jairaj (30EE15A06005)	Abhijit Karmakar	Decomposition of Institutional and Household Organic Waste into Compost	CSIR-CEERI, Pilani
515	Yamini Mittal (20EE17A36010)	Asheesh K Yadav	Socioeconomic survey in different blocks of Koraput and recommendations towards strategic upliftment	CSIR-IMMT, Bhubaneswar
516	Kajal Kiran (10BB14A08002)	Neelakantesh wara Patil	PILOT PROJECT REGARDING FOOD SAFETY IN SCHOOLS UNDER MID-DAY MEAL SCHEME	CSIR-CFTRI, Mysuru
517	Nishu Tyagi (10BB16A02012)	Mohammed Faruq	Standardisation of Sequencing primers for diagnosing the GCK mutations involved in MODY2	CSIR-IGIB, New Delhi
518	Anasuya Bhargava (10BB16A02003)	S. Ramachandran	OMGDx: Sequencing based diagnostic assay for type II complement component 8 deficiency (C8B gene)	CSIR-IGIB, New Delhi
519	Amit Pandey (20EE17J15006)	Samir K. Mondal	A proposed solution for increasing the shelf life of fruits and vegetables	CSIR-CSIO, Chandigarh
520	Reddi Bharati (10BB16A18067)	Anthony Addlagatta	Agricultural challenges and issues in Andhra Pradesh during June 2014 to June 2019	CSIR-IICT, Hyderabad
521	Rohit Yadav (10BB16A02015)	Chetana Sachidanandan	OMGDx : Sequencing based diagnostic assays for Hemochromatosis (HFE gene)	CSIR-IGIB, New Delhi
522	Tahseen Abbas (10BB15A02037)	Debasis Dash	Effect of air quality and work environment on normal lung function of healthy adults working in waste disposal plant in Delhi: A spirometry based study	CSIR-IGIB, New Delhi



523	Poorwa Awasthi (10BB15J22003)	Amit Kumar	Awareness among rural people about toxic effects of Arsenic contaminated ground water in Pipri Village of Kheri district	CSIR-IITR, Lucknow
524	Shipra Bhatt (10BB17J37001)	Utpal Nandi	Flavonoids as potential therapeutics targeting Drug –Induced Liver Injury	CSIR-IIIM, Jammu
525	Vijaya Shukla (10BC19J04046)	Sanjeev Kanojiya	A survey about the use of herbal medicine & related therapies	CSIR-CDRI, Lucknow
526	Riyaz Ahmed (10CC17A37024)	Parvinder Pal Singh	Generic Medicines: The Cornerstone of a cost – effective healthcare strategy and its present status in India.	CSIR-IIIM, Jammu
527	Kumar S (10CC15J26019)	K Krishnamoorthy	Waste Management Of Li-Ion Batteries	CSIR-NCL, Pune
528	Vijay Lakshmi Jamwal (10BB18J37001)	Sumit G Gandhi	Agro – Technology and economics of cultivation of Coleus forskohlii	CSIR-IIIM, Jammu
529	Prachi Goyal (10BB19J27002)	S.K.Goyal	Assessment of Socio-Environmental Status in an Urban Slum in Delhi	CSIR-NEERI, Nagpur
530	Neha Chalotra (10CC19A37046)	Bhahwal Ali Shah	Pesticides and its impact on human health : Use of Bio pesticides for sustainable agriculture.	CSIR-IIIM, Jammu
531	Shivaraju G C (10CC17J05003)	A S Prakash	Photocatalytic degradation of industrial dye wastewater using low-cost nanomaterial	CSIR-CECRI, Karaikudi
532	Chetan Kumar (10CC17A37025)	D. Srinivasa Reddy	Medicinal and aromatic plants and role of CSIR-IIIM JAMMU	CSIR-IIIM, Jammu
533	Malegaonkar Jotiram Nagannath (10CC18J18008)	Sidhanath Vishwanath Bhosale	Pheromone Application Technology (PAT)	CSIR-IICT, Hyderabad
534	Sulogna Chatterjee (10BB16A18072)	S Venkata Mohan	Crop Residue Burning in Northern India: Increasing Threat to Greater India: Strategic Solution and Business Model	CSIR-IICT, Hyderabad
535	Afaqul Zafer (32EE15A32003)	Sanjay Yadav	COVID-19 appropriate behaviour tools: Impact Assessment	CSIR-NPL, Delhi
536	Shalini Basetty (20EE19J18002)	T. Kumaraguru	Soil Biotechnology Based Waste Water Treatment Systems	CSIR-IICT, Hyderabad



537	Naikwadi Dhanaji Rajaram (10CC19A16013)	Ankush V Biradar	Soil and water sample analysis of different states including urban and rural area of India for resolving difficulties of farmers	CSIR-CSMCRI, Bhavnagar
538	Kul The Arun Datratray (10CC17J18007)	Prathama S. Mainkar	PEROMONE APPLICATION TECHNOLOGY (PAT)	CSIR-IICT, Hyderabad
539	Gani Kayanat Mahammadtaki (10BB16A26044)	Rahul Bhambure	Challenges of sustainable drinking water quality in India	CSIR-NCL, Pune
540	Jaimy Scaria (10CC18A27026)	Nidheesh P. V	Remediation of Fly Ash dumping site through Bamboo Plantation, along with Noise level and Health status assessment-A study at Koradi, Nagpur, MH	CSIR- NEERI, Nagpur
541	Ramar P (10CC17J11001)	Debasis Samanta	JIGYASA:Student-Scientist Connect Program For Realizing The Innovative Research of Science And Technology To School Students	CSIR-CLRI, Chennai
542	Dileepkumar Yeruva (10BB16A18058)	S Venkata Mohan	Crop Residue Burning in Northern India: Increasing Threat to Greater India: Strategic Solution and Business Model	CSIR-IICT, Hyderabad
543	Salman Jameel (10CC17A37023)	Khursheed Ahmad Bhat	Salvia Sclarea L. Phytochemistry and Pharmacology	CSIR-IIIM, Jammu
544	Vidhate Ravindra Popat (10BB16J26022)	Ashok Prabhakar Giri	Survey and awareness for sustainable farming with respect to soil fertility, integrated pest management, use of advanced tool and organic farming	CSIR-NCL, Pune
545	Preeti T Jacob (10BB15A16010)	Mangal S Rathore	Study of solar salt manufacturing process, biological components and biological activities of algal growth at solar salt works and study of socio economic conditions of solar saltpan workers	CSIR-CSMCRI, Bhavnagar
546	Adity Majee (10BB17A25002)	Vidhu Aniruddha Sane	Impact of Covid-19 on Employment, Agriculture, Health, Education and Environment of Uttar Pradesh	CSIR-NBRI, Lucknow



547	Murugan. C (10CC18J05007)	A. Pandikumar	Design and prototyping of energy efficient, portable, low-cost egg incubator	CSIR-CECRI, Karaikudi
548	Mohit Kumar (10CC17A04027)	Dipankar Koley	Social Awareness of Hepatitis B	CSIR-CDRI, Lucknow
549	Sonu Bhandari (10CC17A19007)	Rajaram Bal	Analysis of waste management in local area	CSIR-IIP, Dehradun
550	Yerramsetti Naga Samba Siva Rao (10CC17J18009)	Chandrasekh ar Srivari	Pheromone Application Technology	CSIR-IICT, Hyderabad
551	Reethu Haridas (10CC16J39003)	Yoosaf K	Analysis of Oxidative Changes in Palm Olein on Cooking and Repurposing of the Used Oil	CSIR-NIIST, Thiruvananthap uram
552	Mohmmad Shahabazuddin (10BB14J08010)	S. N. Mudliar	PILOT PROJECT REGARDING FOOD SAFETY IN SCHOOLS UNDER MID-DAY MEAL	CSIR-CFTRI, Mysuru
553	Mohd Imran Ansari (10BB16A22016)	Pradeep Kumar Sharma	Awareness program about adverse effects of food and beverages packaging materials commonly used in rural areas of Lucknow	CSIR-IITR, Lucknow
554	R Dheeran (10BB18A08013)	Syed Musthapa M	Online Support services of Micro entrepreneurs and farmers on PMFME scheme through compilation of database and technology mapping as per MoFPI	CSIR-CFTRI, Mysuru
555	Sapara Komal Kishorbhai (10BB15A16011)	Pradeep K. Agarwal	Fortification of crops and fruits collected from two villages of Bhavnagar district and interaction with farmers and villagers	CSIR-CSMCRI, Bhavnagar
556	Shahrukh Abbas Siddiqui (10BB16A16008)	Mangal Singh Rathore	Nutrient profiling of soil and water from different villages of Palitana taluka of Bhavnagar district for suggestion of improvement in crop yields	CSIR-CSMCRI, Bhavnagar
557	Abhishek Singh (10BB17A04001)	Sarika	A survey on "awareness on fast food consumption and its impact on health"	CSIR-CDRI, Lucknow
558	Syed Murtuza Sayeed Abidi (10BB17A33011)	Amitabha Acharya	Prospective community- based survey and awareness program for factors associated with obesity	CSIR-IHBT, Palampur
559	Siddhartha Sarkar (20EE14A15004)	Bhargab Das	Emergency Mitigation System for Bathrooms or Toilets	CSIR-CSIO, Chandigarh



<b>560</b>	Veeragoni Dileepkumar (10BB18A18071)	M. Srinivasa Rao	Malaria (Causes, diagnosis, prevention and treatment)	CSIR-IICT, Hyderabad
<b>561</b>	Vipin K Raj (10CC18A26017)	Kumar Vanka	Adverse Effects of Toxins in Aluminum and Non-stick Cookware on Health: Awareness and Remedial Strategies	CSIR-NCL, Pune
<b>562</b>	Namo Dubey (10BB16J33001)	Kunal Singh	Analysis and documentation of naturally grown <i>Sapium sebiferum</i> (L.) Roxb: a potential source of biofuel	CSIR-IHBT, Palampur



# Audit Report

## ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

### BALANCE SHEET AS AT 31ST MARCH 2023

(Amounts in Rs)

Corpus/Capital Fund And Liabilities	Note	2022-23	2021-22
Corpus/ Capital Fund	1	109,453,453	109,453,453
Reserves and Surplus	2	216,391,966	160,245,346
Earmarked/ Endowment funds		-	-
Secured Loans and Borrowings		-	-
Unsecured Loans and Borrowings		-	-
Deferred Credit Liabilities		-	-
Current Liabilities and provisions	3	12,118	17,637
<b>TOTAL</b>		<b>325,857,536</b>	<b>269,716,436</b>
Assets	Note	2022-23	2021-22
Fixed Assets	4	3,081,114	3,208,047
Investments-from Earmarked/ Endowment funds	5	28,590,555	13,290,838
Investments- Others		-	-
Current Assets, Loans & Advances etc.	6	294,185,867	253,217,551
<b>TOTAL</b>		<b>325,857,536</b>	<b>269,716,436</b>
Significant Accounting Policies	11		
Contingent liabilities and notes on accounts	12		

As per the Books of Accounts produced before us

As per our Even date report attached

For Goyal and Goyal  
Chartered Accountants  
Firm Regn. No.000066N

*Shobhit Gupta*  
CA Shobhit Gupta

Partner  
M.No. 502897

Place: Ghaziabad  
Date: 15th May, 2023

*15/5/2023*  
Drawing & Disbursing Officer  
DDO (Finance) Academy of Scientific & Innovative Research (AcSIR)  
AcSIR  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Anay Sharma*  
Associate Director  
Associate Director Administration & Finance  
Academy of Scientific and Innovative Research (AcSIR)  
Finance and Administration  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Director*  
Director  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India



**ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)  
INCOME AND EXPENDITURE ACCOUNT  
FOR THE YEAR ENDED 31st MARCH 2023**

Amount in Rupees			
INCOME	Note	2022-23	2021-22
Grants in aid / Subsidies		-	-
Fees/Subscriptions	7	105,059,907	91,201,300
Income from Investments (Income on Investment from earmarked/ endowment funds transferred to funds)		-	-
Income from Royalty, Publication etc.		-	-
Interest Earned	8	15,141,569	10,796,810
Other Income		-	-
<b>TOTAL(A)</b>		<b>120,201,476</b>	<b>101,998,110</b>
EXPENDITURE	Note	2022-23	2021-22
Employees Benefit Expenses	9	33,677,856	36,549,912
Other Administrative Expenses	10	28,642,199	20,521,369
Research & Development Expenditure (Incl. Grants, Subsidies etc)		-	-
Expenditure on grants, Subsidies etc.		-	-
Interest		-	-
Depreciation	4	1,077,200	1,067,285
Prior Period Adjustments		-	-702,063
Income Tax Expenses		657,602	226,060
<b>TOTAL(B)</b>		<b>64,054,857</b>	<b>57,662,563</b>
<b>Balance being Surplus/ (deficit) Carried to Capital Fund (A-B)</b>		<b>56,146,619</b>	<b>44,335,547</b>

As per our Even date report attached  
For Goyal and Goyal  
Chartered Accountants  
Firm Regn. No.000066N

*Shobhit Gupta*  
CA Shobhit Gupta

Partner

M.No. 502897

Place: Ghaziabad  
Date: 15th May,2023

*Bijay Kumar*  
DDO (Finance), AcSIR Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Anay Sharma*  
Associate Director, Finance and Accounts  
AcSIR  
Academy of Scientific and Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Dr. Rakesh Kumar*  
Director, AcSIR  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India



# ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

CSIR - HRDC CAMPUS, SECTOR - 19, KAMLA NEHRU NAGAR, GHAZIABAD, UTTAR PRADESH

RECEIPTS AND PAYMENTS FOR THE PERIOD / YEAR ENDED ON 31.03.2023

RECEIPT	Current Year	Previous Year	PAYMENT	Current Year	Previous Year
<b>I. Opening Balance</b>			<b>I. Expenditure</b>		
a) Cash in hand			<b>(a) Employee Benefit Expenses</b>		
b) Bank Balances			1. Salaries, Wages, Incentives and Allowances	28,450,278	25,844,462
i) In Current Accounts	-	-	2. NPS Employer Contribution	3,106,499	4,946,869
ii) In deposit Accounts	-	-	3. Gratuity	285,868	339
iii) In savings Accounts	362,167	25,960	4. Leave Salary	1,627,747	5,907,769
			5. Medical Expenses Reimbursement	212,983	192,985
<b>II. Interest Received</b>					
a) On Bank Deposits	12,473,350	10,780,065	<b>(b) Administrative Expenses</b>		
			1. Travelling Expenses Other than Meeting	1,196,396	65,784
<b>III. Other Incomes</b>			2. Telephone Expenses	100,092	105,863
(a) Tuition Fees and Other fee	105,059,907	91,201,300	3. Other Academic & Administrative Expenses	691,855	504,402
			4. Advt. & Publicity	1,519,362	1,701,971
			5. Bank Charges	32,595	50,518
			6. Building Repair and Maintenance	-	47,685
			7. Upkeep Maintenance	428,947	219,079
			8. Hospitality Expenses	8,145	-
			9. Printing & Stationery	923,424	433,905
			10. Subscription Fee	415,734	446,603
			11. Manpower-Outsourcing	2,471,691	2,781,164
			12. Fellowship / Stipend / Awards	537,811	-

*Bin 15/5/2023*  
Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Aray Khan*  
Associate Director  
Administration & Finance  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Bin*  
Director  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India

			13. Revenue Shares With CSIR Labs	11,252,797	8,392,059
			14. Professional Charges	82,125	101,500
			15. Staff Welfare	73,444	62,773
			16. Miss. Expenses	46,977	102,256
			17. Income Tax	-	-
			18. Consultant Fees	1,942,903	1,209,000
			19. Transportation Charges and Vehicle Running	1,163,383	539,293
			20. Postage & Stamps	234,961	203,051
			21. Summer Training Program	-	-
			22. Senate Meeting Expenses	445,841	40,000
			23. FC Meeting Expenses	18,000	16,000
			24. Board of Governors	-	88,091
			25. Convocation Expenses	1,540,151	-
			26. AcSIR events and related matters	261,733	247,790
			27. Professional Fee to Dean, Associate Dean and	3,253,832	3,162,582
			<b>II. Investments and deposits made</b>		
			Fixed Deposits	54,600,398	42,866,513
			<b>III. Expenditure on Fixed Assets &amp; Capital Work-in-Progress</b>		
			<b>(a) Purchase of Fixed Assets</b>		
			(i) Furniture & Fixture	120,701	67,432
			(ii) Apparatus & Equipments	829,566	769,420
			(ii) Web Portal	-	528,000

*Bin 15/5/2023*  
Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Aray Khan*  
Associate Director  
Administration & Finance  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Bin*  
Director  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India



			IV. Closing Balance		
			a) Cash in hand		
			b) Bank Balances		
			i) In Current Accounts		-
			ii) In Deposit Accounts		
			iii) In Savings Accounts	19,185	362,167
Grand Total	117,895,423	102,007,325	Grand Total	117,895,423	102,007,325

For Goyal and Goyal  
Chartered Accountants  
Firm Regn. No.000066N

*Shobhit Gupta*

CA Shobhit Gupta  
Partner  
M.No. 502897

Place: Ghaziabad  
Date: 15th May,2023

*Chingit 2023*  
DDO (Finance)  
AcSIR

Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

*Director*

Director  
AcSIR  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India

*Aray Dhar*

Associate Director  
Finance and Administration  
AcSIR

Associate Director  
Administration & Finance  
Academy of Scientific and Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India



# ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

## NOTES FORMING PART OF BALANCE SHEET AS AT 31.03.2023

### NOTE-1

#### Corpus/ Capital Fund

(Amount in Rs.)

Particulars	2022-23	2021-22
Balance as the beginning of the year	109,453,453	109,453,453
Add: Contributions towards Corpus/ Capital Fund		
Less/(Deduct): balance of net expenses transferred from the income & expenditure a/c	-	
Balance at the end the year	109,453,453	109,453,453

### NOTE-2

#### Reserves And Surplus

(Amount in Rs.)

Particulars	2022-23	2021-22
Excess of income over expenditure		
Opening balance	160,245,346	115,909,799
Add: During the year income	56,146,619	44,335,547
Total	216,391,966	160,245,346

### NOTE-3

#### Current Liabilities & Provisions

#### Current Liabilities & Provisions

(Amount in Rs.)

Particulars	2022-23	2021-22
<b>A) Current Liabilities</b>		
1. Statutory Liabilities		
a) TDS Payable	-	-
c) NPS Payable	12,118	17,637
Total(A)	12,118	17,637
<b>B) Provisions</b>		
1. Leave Encashment and Medical reimbursement	-	-
Total(B)	-	-
Total(A+B)	12,118	17,637

  
**Drawing & Disbursing Officer**  
 Academy of Scientific & Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
 Kamla Nehru Nagar, Ghaziabad-201002, U.P., India



  
**Associate Director**  
**Administration & Finance**  
 Academy of Scientific and Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
 Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
**Director**  
 Academy of Scientific & Innovative Research (AcSIR)  
 CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
 Ghaziabad-201002, U.P., India



**NOTE - 4**  
**FIXED ASSETS AND DEPRECIATION**

Sl No	Description	GROSS BLOCK					Rate	Depreciation			NET BLOCK
		WDV Opening as on	Additions During the Year	Additions During the Year	Deletions during the year	Cost/Valuation at the Year End		Depreciation during the Year	Deletion	Total at the Year End	
		01.04.22	UPTO 30.9.22	AFTER 30.9.22		31.3.23				31.3.23	
I	<b>FIXED ASSETS</b>										
	<b>PLANT,MACHINERY &amp; EQUIPMENT</b>										
	FURNITURE & FIXTURE	617,306	21,707	98,994	-	738,007	10%	68,851		68,851	669,156
	VEHICLE	723,482	-	-	-	723,482	15%	108,522		108,522	614,960
	COMPUTERS & EQUIPMENTS	1,405,259	281,551	548,015	-	2,234,825	40%	784,327		784,327	1,450,498
	Web Portal	462,000	-	-	-	462,000	25%	115,500		115,500	346,500
	<b>Total</b>	<b>3,208,047</b>	<b>303,258</b>	<b>647,009</b>	<b>-</b>	<b>4,158,314</b>		<b>1,077,200</b>		<b>1,077,200</b>	<b>3,081,114</b>

For Goyal and Goyal  
Chartered Accountants  
Firm Regn. No. 000066N  
  
CA Shobhit Gupta  
Partner  
Place: Ghaziabad  
Date: 15th May, 2023

  
DDO (Finance), AcSIR  
Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Director, AcSIR  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India

  
Associate Director  
Finance and Administration  
AcSIR  
Associate Director  
Administration & Finance  
Academy of Scientific and Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India



# ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

## NOTES FORMING PART OF BALANCE SHEET AS AT 31.03.2023

### NOTE-5

#### Investments-from Earmarked/ Endowment funds

(Amount in Rs.)

Particulars	2022-23	2021-22
A) Investment in Fixed Deposit accounts	28,590,555	13,290,838
<b>Total</b>	<b>28,590,555</b>	<b>13,290,838</b>

### NOTE-6

#### Current Assets, Loans & Advances

(Amount in Rs.)

Particulars	2022-23	2021-22
A) Current Asset		
1.Cash Balances in hand	-	-
2.Bank balances:		
a) With Noted Banks:		
On Current accounts	-	-
On Fixed Deposit accounts	283,555,361	244,254,680
On Savings accounts	19,185	362,167
<b>Total(A)</b>	<b>283,574,546</b>	<b>244,616,847</b>
B) LOANS, ADVANCES AND OTHER ASSETS		
1. Loans	-	-
2. Advances and other amounts recoverable in cash or in kind or for value to be received:		
a) On Capital Account	-	-
b) Salary Advances	-	-
c) Recoupable Form Govt. Agencies	-	-
d) Advance to Employees For Official Purpose	-	-
e) Others (specify)		
(i) TDS on Interest	-	-
(ii) Refund Due (AY 2020-21)	407,473	407,473
(ii) Refund Due (AY 2021-22)	-	623,320
(ii) Refund Due (AY 2022-23)	903,200	-
3.Income accrued:		
a) on Fixed Deposits with bank	9,300,648	7,569,911
<b>Total(B)</b>	<b>10,611,321</b>	<b>8,600,704</b>
<b>Total(A+B)</b>	<b>294,185,867</b>	<b>253,217,551</b>

  
**Drawing & Disbursing Officer**  
 Academy of Scientific & Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
 Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
**Associate Director**  
**Administration & Finance**  
 Academy of Scientific and Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
 Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
**Director**  
 Academy of Scientific & Innovative Research (AcSIR)  
 CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
 Ghaziabad-201002, U.P., India



# ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

## NOTES FORMING PART OF BALANCE SHEET AS AT 31.03.2023

### NOTE- 7

#### Fees/Subscriptions

(Amount in Rs.)

Particulars	2022-23	2021-22
1.Entrance Fees	-	-
2.Tuition Fees	103,415,046	89,756,700
3.Seminar /Program Fees	-	-
4.Penalty Fees	1,425,000	1,307,000
5.Others	219,861	137,600
<b>Total</b>	<b>105,059,907</b>	<b>91,201,300</b>

### NOTE- 8

#### Interest Earned

(Amount in Rs.)

Particulars	2022-23	2021-22
<b>1.On Term Deposits</b>		
a) with Schedule Banks:	15,088,661	10,763,415
b) With Non-Schedule Banks:	-	-
<b>2.On Savings Accounts:</b>		
a) with Schedule Banks:	18,626	16,649
b) With Non-Schedule Banks:	-	-
<b>2.On Income Tax refund:</b>	34,282	16,746
<b>Total</b>	<b>15,141,569</b>	<b>10,796,810</b>


### NOTE- 9


#### Employees Benefit Expenses

Particular	2022-23	2021-22
1.Man Power Salaries,Wages, Incentives and Allowances	28,450,278	25,682,930
2.NPS Employer Contribution	3,100,980	4,926,341
3. Gratuity	285,868	339
4. Leave Salary	1,627,747	5,747,317
5. Medical Expenses Reimbursement	212,983	192,985
<b>Total</b>	<b>33,677,856</b>	<b>36,549,912</b>

  
 Drawing & Disbursing Officer  
 Academy of Scientific & Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
 Kaila Nehru Nagar, Ghaziabad-201002, U.P., India



  
 Associate Director  
 Administration & Finance  
 Academy of Scientific & Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19, Kaila Nehru Nagar,  
 Ghaziabad-201002, U.P., India

  
 Director  
 Academy of Scientific & Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19, Kaila Nehru Nagar,  
 Ghaziabad-201002, U.P., India



# ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)

## NOTES FORMING PART OF BALANCE SHEET AS AT 31.03.2023


### NOTE-10

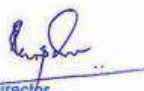
#### Other Administrative Expenses Etc

Particular	2022-23	2021-22
1.Travelling Expenses Other than Meeting	1,196,396	65,784
2.Telephone Expenses	100,092	105,863
3.Other Academic & Administrative Expenses	691,855	504,402
4.Advt. & Publicity	1,519,362	1,701,971
5.Bank Charges	32,595	50,518
6.Building Repair and Maintenance	-	47,685
7.Upkeep Maintenance	428,947	219,079
8.Hospitality Expenses	8,145	-
9.Printing & Stationery	923,424	433,905
10.Subscription Fee	415,734	446,603
11.Manpower-Outsourcing	2,471,691	2,781,164
12.Fellowship / Stipend /Awards	537,811	-
13.Revenue Shares With CSIR Labs	11,252,797	8,392,059
14.Professional Charges	82,125	101,500
15.Staff Welfare	73,444	62,773
16.Miss. Expenses	46,977	102,256
17.Income Tax	-	-
18.Consultant Fees	1,942,903	1,209,000
19.Transportation Charges and Vehicle Running and Maintain	1,163,383	539,293
20.Postage & Stamps	234,961	203,051
21.Summer Training Program	-	-
22.Senate Meeting Expenses	445,841	40,000
23.FC Meeting Expenses	18,000	16,000
24. Board of Governors	-	88,091
25.Convocation Expenses	1,540,151	-
26.AcSIR events and related matters	261,733	247,790
27.Professional Fee to Dean, Associate Dean and Co-ordinator	3,253,832	3,162,582
<b>Total</b>	<b>28,642,199</b>	<b>20,521,369</b>

\* Travelling Expense includes Rs. 8,31,224/- for Foreign Travelling.

  
**Drawing & Disbursing Officer**  
 Academy of Scientific & Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
 Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
**Associate Director**  
 Administration & Finance  
 Academy of Scientific and Innovative Research (AcSIR)  
 AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
 Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
**Director**  
 Academy of Scientific & Innovative Research (AcSIR)  
 CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
 Ghaziabad-201002, U.P., India



**ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)**  
**Financial Year 2022-2023**

**Note-11**

**Significant Accounting Policies**

**A. Accounting Convention**

The Financial Statement has been prepared on the basis of historical cost convention, unless otherwise stated and generally on the cash method of accounting as per the Common Format of Accounting for all Autonomous Bodies.

**B. Inventory Valuation**

There is no inventory.

**C. Investments**

Investments are accounted at cost or market value whichever is lower.

**D. Excise Duty**

Being an educational institution existing solely for educational purposes, excise duty is not applicable to Academy of Scientific and Innovative Research and there is no item of production which attracts excise duty.

**E. Fixed Assets**

Fixed Assets are valued at cost of acquisition inclusive of inward freight, duties and taxes and incidental and direct expenses related to acquisition.

**F. Depreciation**

Depreciation of fixed assets has been charged to appropriate account as per the rate prescribed in the Income Tax act, on written down value method.

**G. Miscellaneous Expenditure**

There is no deferred revenue expenditure during 2022-23.

**H. Income Recognition**


- a) The income of the Academy of Scientific and Innovative Research is from the Tuition Fees collected directly from the students enrolled for education at Academy of Scientific and Innovative Research at its various Academic Centers. The tuition fees are directly remitted to the Bank of Account of Academy of Scientific and Innovative Research by the students and is "recognized on cash basis"
- b) The interest income received out of Term Deposits is recognised on accrual basis.

**I. Employee Benefits**

The Academy of Scientific and Innovative Research has framed the Policy towards terminal benefits to officers and staff in the form of Gratuity and Leave encashment. In respect of Gratuity, the Academy of Scientific and Innovative Research has taken Group Gratuity policy and for leave encashment taken the Group Leave Encashment Scheme (GLS) with LIC. The Academy of Scientific and Innovative Research has also contributed to NPS accounts of the Employees. NPS contribution is made through State Bank of India.

  
Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Associate Director  
Administration & Finance  
Academy of Scientific and Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Director  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India



**ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH (AcSIR)  
Financial Year 2022-2023**

**Note 12**

**Notes on Accounts**

- 1) In compliance with Clause 5(2) of the Academy of Scientific and Innovative Research Act, 2011 and the MoU Dated 27<sup>th</sup> June 2013 entered with the Council of Scientific & Industrial Research (CSIR) by the Academy of Scientific and Innovative Research (AcSIR), according to which Academy of Scientific and Innovative Research is utilizing the infrastructure by CSIR for pursuing its objectives of imparting education, as per Clause 5(1) of the Act.
- 2) The Fees collected on behalf of the Academy of Scientific and Innovative Research at the CSIR laboratories during the initial years, were being remitted to AcSIR account by them as "Tuition Fees". This method of tuition fees collection has been discontinued during December 2018 and since January 2019, the Tuition Fees are collected directly by the Academy of Scientific and Innovative Research at its Bank account. As the Academy of Scientific and Innovative Research is accounting on Cash basis, the income under the head does not include the amount not remitted by CSIR during those initial years, when the fees were paid by the students to the CSIR Labs, and the quantum of the unspent balance available at the CSIR Labs are also not ascertained.
- 3) The Academy of Scientific and Innovative Research has been established under the act of Parliament, the Academy of Scientific and Innovative Research Act, 2011 and received the assent of the President of India on 06<sup>th</sup> February 2012.
- 4) The Academy of Scientific and Innovative Research has also received exemption U/s. 10(23C)(vi) on 16.11.2016 and applicable from AY 2016-17 and Academy of Scientific and Innovative Research has filed income tax returns, as an educational institute, claiming exemptions under this section.
- 5) The Academy of Scientific and Innovative Research was allotted the Unique Registration Number, (URN) AAALA135PC20213, granted U/s 10(23C)(vi) and approved on 06.10.2021, which is applicable from the AY 2022-23 to AY 2026-27.

**6) Financial Statements**

The financial statements of accounts is prepared in three parts

- I. Receipts and Payments Accounts,
- II. Income and Expenditure Account and
- III. Balance Sheet

**7) Receipts and Payment Accounts**

The Receipts and Payments Accounts carries the figure of actual receipts & actual payments of the Institute during the Financial Year 2022-23. It is virtually a copy of the Cash Book/ Institute accounts.

  
Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Associate Director  
Administration & Finance  
Academy of Scientific and Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Director  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India



## 8) The Income and Expenditure Account

The Income and Expenditure account is prepared on cash basis except interest on FDR and depreciation. The Total Income is Rs. 12,02,01,476/- out of which Rs. 10,50,59,907/- is from Tuition and other fee and Rs. 1,51,41,569/- from Interest on Fixed Deposits, Saving Account and Income Tax. Total expenditure (before depreciation) comes to Rs. 6,23,20,055/- and depreciation of Rs. 10,77,200/- has been charged in the current FY 2022-23. Apart from this previous year income tax of Rs. 6,57,602/- has also been charged. A sum of Rs. 5,61,46,619/- being excess of income over expenditure.

## 9) The Balance Sheet

In the Balance Sheet, the assets acquired are taken as assets, while the recurring expenditures and non-recurring expenditures (less the income) have been taken as liabilities and have been shown on the Liability side (under the head Reserves and surplus) in the Balance Sheet.

### 10) Fixed Asset

Fixed assets are stated at cost of acquisition less accumulated depreciation thereon.

### 11) Depreciation

Depreciation for the year 2022-23 has been provided and debited to the Income & Expenditure Account.

### 12) Current Assets, Loans and Advances


In the opinion of the management the current asset, loans & advances of the institute have a realized value in the ordinary course at least to the extent shown in the accounts and the provisions of liabilities are adequate.

### 13) Contingent Liabilities: Income Tax Matters.

i. With regard to the demand of Rs. 72,91,287/- made by Income Tax Department through its order for the AY 2013-14, the Academy has represented through its appeal made to the commissioner of Income Tax and raised objection to the demand since the Academy of Scientific and Innovative Research's income earned is not subject to tax due to registration Under Section 35(1) (ii). The Appeal has been heard by Commissioner of Income Tax Appeals, Chennai and the order is awaited. An Amount of Rs. 78,12,040/- has been paid/ adjusted through TDS/TCS. The Academy has filed Form 1 under Vivad se Vishwas on 31<sup>st</sup> March, 2020 and claimed a refund of Rs. 21,02,340/-. The same order has been passed in form 5 on 10<sup>th</sup> February 2021. A Refund of Rs. 21,02,340/- has been adjusted with the demand of Assessment Year 2018-19.

ii. With regard to the demand of Rs. 12,06,648/- made by Income Tax Department through its order for the AY 2015-16, the Academy of Scientific and Innovative Research has represented through its appeal made to the Commissioner of Income Tax and raised objection to the demand since the Academy of Scientific and Innovative Research's income earned is not subject to tax due to registration Under Section 35(1) (ii). The Appeal has been heard by Commissioner of Income Tax Appeals, Chennai and the order is awaited.

  
Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Associate Director  
Administration & Finance  
Academy of Scientific and Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Director  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India



iii. With regard to the demand of Rs. 1,60,24,312/- made by Income Tax Department through its order for the AY 2017-18, the Academy of Scientific and Innovative Research has represented through its appeal made to the Commissioner of Income Tax and raised objection to the demand since the Academy of Scientific and Innovative Research's income earned is not subject to tax due to registration Under Section 35 (1) (ii). The Appeal has been heard by Commissioner of Income Tax Appeals, Chennai and the order is awaited.

iv. With regard to the demand of Rs. 1,21,77,350/- made by Income Tax Department through its order for the AY 2018-19, the Academy of Scientific and Innovative Research has represented through its appeal made to the Commissioner of Income Tax and raised objection to the demand since the Academy of Scientific and Innovative Research's income earned is not subject to tax due to registration Under Section 35 (1) (ii). The Appeal has been heard by Commissioner of Income Tax Appeals, Ghaziabad and the order is awaited. An Amount of Rs. 21,02,340/- has been paid/adjusted through TDS/TCS. Refund due for AY 2022-23 amounting to Rs. 6,57,600/- is adjusted against the demand.


14) Previous year figure have been re-grouped and rearranged where ever considered necessary to make them comparable with those of current year.


For Goyal and Goyal  
Chartered Accountants  
FRN:- 000066N

  
CA Shobhit Gupta  
M.No:- 502897

Dated:-15<sup>th</sup> May 2023  
Place:- Ghaziabad

  
DDO Finance, AcSIR  
Drawing & Disbursing Officer  
Academy of Scientific & Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Associate Director  
Administration & Finance  
Academy of Scientific and Innovative Research (AcSIR)  
AcSIR Headquarters, CSIR-HRDC Campus, Sector-19,  
Kamla Nehru Nagar, Ghaziabad-201002, U.P., India

  
Director, AcSIR  
Academy of Scientific & Innovative Research (AcSIR)  
CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201002, U.P., India









## ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

CSIR-HRDC Campus, Sector-19, Kamla Nehru Nagar,  
Ghaziabad-201 002, Uttar Pradesh, India

Phone: 0120-27830004

Mobile: +91 9266600847 / 9266600947



[www.acsir.res.in](http://www.acsir.res.in)



[AcSIR\\_India](https://twitter.com/AcSIR_India)



[AcSIR.India](https://www.facebook.com/AcSIR.India)



[AcSIR\\_India](https://www.youtube.com/AcSIR_India)