



**ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH
(AcSIR)**

Proceedings of the 30th Meeting of the Senate

The 30th meeting of the Senate of the Academy of Scientific and Innovative Research (AcSIR) was held on February 13, 2023 at 15:00 hrs. in hybrid mode at CSIR-Science Centre, New Delhi. The meeting was attended by the following members:

Sl. No.	Name of Participants	Membership	Mode of participation
1	Prof. Manoj Kumar Dhar, Director, AcSIR	Chairperson	In person
2	Prof. Ajay Dhar, Associate Director, AcSIR	Member	In person
3	Prof. Haripriya Gundimeda Professor, Dept of Humanities and Social Sciences, IIT Bombay	Member	Online
4	Prof. Sridevi Annapurna Singh, Director, CSIR-CFTRI	Member	In person
5	Prof. Sridevi Jade, Head, CSIR-4PI	Member	In person
6	Prof. G. Narahari Sastry, CSIR-NEIST - Member, Board of Studies	Member	Online
7	Prof. Munia Ganguly, CSIR-IGIB - Member, Board of Studies	Member	Online
8	Prof. Manik Varma, Microsoft Research India & IIT Delhi - Member, Board of Studies	Member	Online
9	Prof. Annapoorni Subramanian, Delhi University - Member, Board of Studies	Member	Online
10	Prof. Ramanuj Narayan, CSIR-IICT - Dean, Chemical Sciences	Member	In person
12	Prof. D. Srinivas Rao, CSIR-IMMT - Dean, Physical Sciences	Member	In person
11	Prof. Saman Habib, CSIR-CDRI - Dean, Biological Sciences	Member	Online
13	Dr. Amol A. Kulkarni, CSIR-NCL	Member	Online
14	Dr. Achu Chandran, CSIR-NIIST	Member	Online
15	Prof. Mahesh Kulkarni, CSIR-NCL - Associate Dean, Biological Sciences	Member	Online
16	Prof. CH Suresh, CSIR-NIIST - Associate Dean, Chemical Sciences	Member	Online
17	Dr. Neerja Garg, CSIR-CSIO - Associate Dean, Math. & Information Sciences	Member	Online
-	Ms. Arpita Sengupta, Senior Manager, AcSIR	Non-Member Secretary	In person

* All members attending the meeting through electronic media could participate in the discussion and deliberations of the meeting with full clarity.

Prof. R.K. Sinha, Prof. Ajay Agarwal, Prof. C.S. Gopinath, Prof. Naresh Chandra Murmu, Dr. Binoy Kumar Saikia and Dr. Divya Tej Sowpati could not attend the meeting due to their prior engagements.

The quorum of the meeting was complete.

INITIATION OF THE MEETING

Item No. 1: Welcome address by the Chairperson of the Senate: Prof. Manoj Kumar Dhar, Chairperson, Senate, AcSIR extended a warm welcome to all the Senate members and informed that he has recently assumed charge as the Director, AcSIR and that he shall look forward to active support of all members of the Senate in order to achieve excellence in all spheres of working of AcSIR.

Item No. 2: Confirmation of the Proceedings of the 29th meeting of the Senate: The proceedings of the 29th meeting of the Senate, held on May 11, 2022, were communicated to the members by email. As there were no comments or suggestions from the senate members, the minutes of the 29th meeting of the Senate stand confirmed.

Item No. 3: Action Taken Report (ATR) on the 29th Meeting of the Senate: The Senate members were updated about the actions taken with respect to the decisions of the 29th meeting of the Senate. Members were also updated about the extent of completion / progress of tasks in this regard. Only those items, where action is still in process, are mentioned below, with their current status:

- (i) **Introduction of Faculty of Study in Pharmaceutical Sciences:** The Senate was apprised that no major progress could be achieved towards completion of the activity. To take the matter forward, Prof. Saman Habib was requested by the Chairperson to prepare a concept note providing the details on the need for starting the new Faculty of Pharmaceutical Sciences along with details of the interested Institutes having ongoing research in the area, tentative faculty and student participation, course work etc. and also to look into the necessity of regulatory clearance from Pharmacy Council of India. The matter would be taken up further on receipt of the detailed proposal.
- (ii) **Introduction of Faculty of Agricultural Sciences:** The Senate was informed that necessary OM was issued on October 27, 2022 and the Institutes, desirous of enrolling Ph.D students under the Faculty of Agricultural Sciences, were requested to provide Ph.D level courses and identify the potential teaching faculty before the enrollment of students under the Faculty of Agricultural Sciences could be initiated. The Senate was informed that despite three reminders, none of the Institutes responded to the call. The Chairperson, Senate desired that this process must be taken forward with the concerned Directors of the Institutes where the ongoing research is in areas covered under Agricultural Sciences.

The Senate took note of the status of all the actions taken, with reference to the decisions taken during the 29th meeting of the Senate.

FOR INFORMATION OF SENATE

Item No. 4: Change of faculty/discipline of study of AcSIR students: The Senate took note of the changes in the subject Faculties of the AcSIR Ph.D students, approved by the Chairperson, Senate and detailed as below:

CSIR-Lab	Name of the Student	Faculty Enrolled	Enrollment No.	Changed Faculty	Revised Enrollment No.
CSIR-NEERI	Saurabh Badiger	Physical Sciences	10PP21J27001	Engineering Sciences	10PE21J27005
CSIR-NCL	Shiva Vairale	Physical Sciences	10PP22A26005	Biological Sciences	10PB22A26016
CSIR-CSIO	Swapna Pahra	Physical Sciences	10PP22A15012	Chemical Sciences	10PC22A15001
CSIR-CFTRI	Nethra P V	Chemical Sciences	10CC22A08002	Biological Sciences	10CB22A08038
CSIR-NEERI	Nandini Shende	Physical Sciences	10PP20J27007	Chemical Sciences	10PC20J27017
CSIR-NEERI	Roshani Bang	Biological Sciences	10BB21J27002	Physical Sciences	10BP21J27001

Item No. 5: Ph.D Students availing Academic Break: The Senate noted the cases of 24 AcSIR students from 12 Academic Centres who had been granted One-Time Academic Break following the AcSIR rules, approved by the Chairperson, Senate and detailed as below:

Institute	Student Name	Faculty	Registration No.	Academic Break From	Academic Break Upto
CSIR-CDRI	Shradha Sinha	Biological Sciences	10BB18A04023	07.06.2022	06.06.2024
CSIR-CSIO	Vishavpreet Singh	Engineering Sciences	30EE15A15002	01.06.2022	31.12.2023
CSIR-NBRI	Anupam Awasthi	Biological Sciences	10BB18A25003	08.06.2022	07.06.2024
CSIR-NBRI	Sandeep Kumar Pal	Biological Sciences	10BB18A25021	08.06.2022	07.06.2024
CSIR-NBRI	Rahul Kumar	Biological Sciences	10BB18A25018	08.06.2022	07.06.2024
CSIR-CDRI	Jyotshana Saroj	Biological Sciences	10BB18A04007	07.06.2022	06.06.2024
CSIR-CIMAP	Ashish Chandran	Biological Sciences	10BB18J10003	07.06.2022	06.06.2024
CSIR-NIO	Trinadha Rao Vasanasetti	Physical Sciences	10PP19A29003	13.06.2022	12.12.2022
CSIR-IHBT	Kanchan Yadav	Biological Sciences	10BB17A33003	06.07.2022	06.09.2023
CSIR-NPL	Saurabh Babu Saxena	Physical Sciences	10PP19J32012	21.04.2022	20.10.2024
CSIR-CIMAP	Ranjana Soni	Biological Sciences	10BB16A10002	01.08.2022	31.07.2024
CSIR-NGRI	Rasheed K	Physical Sciences	10PP17A28009	8.03.2022	07.03.2023
CSIR-IMMT	Subrat Rout	Chemical Sciences	10CC20A36008	01.08.2022	01.08.2024
CSIR-NGRI	Srirama Madhusudhan	Physical Sciences	10PP20J28009	22.07.2022	21.07.2024
CSIR-CFTRI	Neelam Prabha	Biological Sciences	10BB20J08027	21.09.2022	01.03.2023
CSIR-CSIO	Kavita Rani	Chemical Sciences	10PC20A15020	02.09.2022	01.09.2024
CSIR-CSIO	Deepa Srivastava	Engineering Sciences	20EE20J15020	31.08.2022	31.12.2023
CSIR-CSIO	Arindam Chatterjee	Engineering Sciences	20EE20A15002	17.11.2022	17.11.2023
CSIR-SERC	Gheyasuddin Ahmad	Engineering Sciences	32EE18A41004	15.12.2022	14.12.2024
CSIR-NEIST	Monikankana Saikia	Chemical Sciences	10CC19J38002	22.08.2022	21.08.2023
CSIR-CSIO	Garima	Chemical Sciences	10PC18A15005	21.11.2022	20.11.2023
CSIR-CSIO	Sonia	Engineering Sciences	20EE18A15015	07.12.2022	06.06.2024
CSIR-NPL	Kirti Agrawal	Chemical Sciences	10CC21A32019	13.06.2022	13.12.2023
CSIR-NIIST	Ashin M.	Biological Sciences	10BB20A39009	06.01.2023	05.01.2025

Item No. 6: Inter-Institutional Transfer of AcSIR students: The Senate took note of the below-mentioned cases of Inter-Lab transfer of AcSIR students, as per AcSIR rules, approved by the Chairperson, Senate and detailed as below:

Name of the Student	Faculty	Enrolment No.	Institutes		Revised Enrollment No.
			From	To	
Vijaya Choudhary	Engineering Sciences	20EE20A15014	CSIR-CSIO, Chandigarh	CSIR-NPL, Delhi	20EE20A32001
Durga Prasad Mindala	Chemical Sciences	10CC21J37008	CSIR-IIIM, Jammu	CSIR-CIMAP, Lucknow	10CC21J10007
Karthika Y	Biological Sciences	10BB21A08013	CSIR-CFTRI, Mysuru	CSIR-CLRI, Chennai	10BB21A11007
Narasimha Swamy	Engineering Sciences	20EE18A06008	CSIR-CEERI, Pilani	CSIR-NAL, Bengaluru	20EE18A24001
Shiva Vairale	Physical Sciences	10PP22A29020	CSIR-NIO, Goa	CSIR-NCL, Pune	10PP22A26005
Arvind Kumar	Engineering Sciences	20EE22J06007	CSIR-CEERI, Pilani	CSIR-NIScPR, Delhi	20EE22J04001
Jiya Chanotiya	Biological Sciences	10BB22A65009	ICMR-NIMR, N. Delhi	CSIR-CIMAP, Lucknow	10BB22A10029
Manjunatha G S	Engineering Sciences	20EE18J27002	CSIR-NEERI, Nagpur	CSIR-4PI, Bangalore	20EE22J45002
Deepak Singh Baghel	Engineering Sciences	20EE22J27003	CSIR-NEERI, Nagpur	CSIR-4PI, Bangalore	20EE18J45003
Raj Rani	Chemical Sciences	10CC20A32008	CSIR-NPL, New Delhi	CSIR-CSIO, Chandigarh	10CC20A15001

Item No. 7: Change of students' enrolment in Ph.D program from "Regular" to "Exemption from Physical Presence" after successful completion of PTOC: The Senate took note of the following Ph.D students from "Regular" to "Exemptions from Physical Presence", as per AcSIR rules, approved by the Chairperson, Senate and detailed as below:

Student Name	Registration No.	Lab	Faculty	Open Colloquium	Effective Date	Approval of Chairperson, Senate
Khandare Shrikant Dilip	10BB16J16002	CSIR-CSMCRI	Biological Sciences	30.05.2022	01.06.2022	03.06.2022
Komal Kishorebhai Sapra	10BB15A16011	CSIR-CSMCRI	Biological Sciences	13.06.2022	17.06.2022	17.06.2022
Saumya Raizada	10BB18J25007	CSIR-NBRI	Biological Sciences	07.07.2022	18.07.2022	07.07.2022
Shiv Kumar Maurya	10BB15A25005	CSIR-NBRI	Biological Sciences	07.06.2022	28.06.2022	28.06.2022
Shiv Prakash	10CC17J32015	CSIR-NPL	Chemical Sciences	03.06.2022	09.06.2022	14.07.2022
Arushi Sharma	10BB17A37017	CSIR-IIIM	Biological Sciences	20.05.2022	30.09.2022	30.09.2022
Jahnabi Gogoi	10BB17A25007	CSIR-NBRI	Biological Sciences	19.09.2022	03.10.2022	13.10.2022
Lakhan Taneja	10CC19J32003	CSIR-NPL	Chemical Sciences	07.09.2022	01.11.2022	04.11.2022
Keshav Samrat Modi	20EE17J15008	CSIR-CSIO	Engineering Sciences	06.10.2022	10.11.2022	10.11.2022
Madhav Kumar	10BB17J16005	CSIR-CSMCRI	Biological Sciences	14.11.2022	26.11.2022	05.12.2022
Kaushal Vairagi	20EE16J15014	CSIR-CSIO	Engineering Sciences	12.07.2022	02.12.2022	12.12.2022
Rashmi Das	10BB17A26053	CSIR-NCL	Biological Sciences	25.08.2022	14.12.2022	14.12.2022
Sudheer Singh Rawat	10BB15A32005	CSIR-NPL	Biological Sciences	07.12.2022	22.12.2022	22.12.2022
Surapaneni Sai Geetika	10CC16A26021	CSIR-NCL	Chemical Sciences	18.08.2022	16.01.2023	16.01.2023
Pravesh Rajput	10BB18J25005	CSIR-NBRI	Biological Sciences	09.01.2023	16.01.2023	16.01.2023
Debopriya Roy	10BB16J26024	CSIR-NCL	Biological Sciences	04.11.2022	31.01.2023	31.01.2023

Item No. 8: Students permitted to go abroad for research work in foreign Lab: The Senate took note of the students who were permitted to go abroad, as approved by the Chairperson, Senate and detailed as below:

Student Name	Enrollment No.	CSIR Lab	Fellowship	Location and Period of visit
Jyoti Semwal	10BB18J08001	CSIR-CFTRI	Stipendium Hungaricum Programme	University of Debrecen, Hungary, 01.09.2021 to 28.02.2022. (6-10 months) extend upto 30.06.2022
Sanju Singh	10BB18A16020	CSIR-CSMCRI	Newton Bhabha Programme	University of Strathclyde, UK (01.06.2022 to 30.09.2022)
Kotha Hridhay Keerthana	10BB19A08007	CSIR-CFTRI	Visiting Researcher	Chiba University, Japan (01.10.2022 to 30.09.2023)
Deepanshu Bhatt	20EE7A15013	CSIR-CSIO	ZUKOnnect Fellow	University of Konstanz, Germany (10th October, 2022 to 7th January, 2023)
Anubhuti Bansal	10BB20A02001	CSIR-IGIB	Visiting Scholar	Rollins School of Public Health, Emory University, USA (August 2022 to August 2023).
Priya Gagansingh Thakur	10BB18A02007	CSIR-IGIB	Fulbright Nehru Doctoral Research Fellowship	Johns Hopkins University, USA (September 1, 2022 to May 30, 2023)
Ruchika	10BB20A33033	CSIR-IHBT	Ph.D Industrial Exposure Fellowship (PIEF) 2022	Indo-German Science & Technology Centre (IGSTC), Germany (01.09.2022 to 28.02.2023)
Rakesh Kumar	10BB20J33016	CSIR-IHBT	Ph.D Industrial Exposure Fellowship (PIEF) 2022	Indo-German Science & Technology Centre (IGSTC), Germany (01.09.2022 to 28.02.2023)
Meena Kumari	50BB17A08032	CSIR-CFTRI	DAAD Fellowship	Max Delbrück Centre for Molecular Medicine, Berlin, Germany (01.10.2021 to 30.09.22; extended upto 31.03.2023)
Kuchipudi Naga Venkata Sai Teja	32EE20J01005	CSIR-CBRI	Indo-German Science & Technology Centre – Ph.D Industrial Exposure Fellowship	Fraunhofer-Institute for Non-destructive Testing (IZFP), Saarbrücken, Germany (Nov 01, 2022 to April 30, 2023)
Priyanka	10PP20J15005	CSIR-CSIO	Advanced Research Opportunities Program (AROP)	RWTH Aachen University, Germany (from 15 February 2023 to 15 August 2023)
Jeet Sharma	10CC20A16022	CSIR-CSMCRI	Raman-Charpak Fellowship Program 2022	Institute Charles Gerhardt Montpellier (ICGM), Montpellier, France (tenure for (06) months from 01.02.2023 to 31.07.2023)

Item No. 9: Extension of the maximum tenure for Ph.D for students of January & August 2016 and 2017 Batches : The Senate took note of the grant of additional time for the submission of Ph.D thesis to the batches of students enrolled for the Ph.D Program in January & August 2016, and January 2017 admission sessions, in consideration of the interruptions in their research activities due to the COVID-19 pandemic, approved by the Chairperson, Senate, and detailed as below:

Ph.D Enrolment Batch	Usual date of submission	Deadline of thesis submission with the grant of additional time	Extended Deadline of thesis submission with the grant of additional time
January 2016	January 07, 2022	January 07, 2023 (OM dated 16.11.2021)	May 31, 2023 (OM dated 08.12.2022)
August 2016	August 07, 2022	January 07, 2023 (OM dated 16.11.2021)	August 07, 2023 (OM dated 08.12.2022)
January 2017	January 07, 2023	August 07, 2023 (OM dated 26.12.2022)	-

Item No. 10: Inclusion of Co-Supervisors for AcSIR Ph.D students from Non-CSIR institutes: The Senate took note of the inclusion of Co-Supervisors for the following AcSIR students, from Non-CSIR Institutes, approved by the Chairperson, Senate and detailed as below:

Student Name	Enrollment No.	CSIR Lab	AcSIR Supervisor	Inclusion of Co-supervisor
Vikrant Gautam	10BB21J33005	CSIR-IHBT	Dr. Vishal Acharya	Dr. Pawan Kumar Sharma, CSK-HPKV
Saumini Mathew	10CC21J39005	CSIR-NIIST	Dr. CH Suresh	Dr. T K Manoj Kumar , Digital University, Kerala
Shubham K umar Patial	10PC21A15001	CSIR-CSIO	Dr. Suman Singh	Dr. Kaushik Ghosh, INST, Mohali
Pravin Manekar	20EE22J27002	CSIR-NEERI	Dr. M P Patil	Dr. Dilip H. Lataye, Professor, Visvesvaraya National Institute of Technology
Ummed Singh Saharan	10CC19J32016	CSIR-NPL	Dr. Tuhin Kumar Mandal	Dr. Siddhartha Singh, Scientist F, IMD, New Delhi, CDAC
Deependra Singh	20EE21J36002	CSIR-IMMT	Prof. Suddhasatwa Basu	Dr. R Bhima Rao, Advisor, IREL
Snehal Baobudhe	20EE21A27008	CSIR-NEERI	Dr. Debishree Khan	Dr. Sachin A Mandavgane, Professor & Head, VNIT, Nagpur
Vinaya Sivanandan	20EE21A12018	CSIR-CMERI	Dr. R K Jain	Dr. Chandrakant R Sonawane, IIT Bombay
Urvashi Nag	20EE21J15014	CSIR-CSIO	Dr. A K Shukla	Dr. Shard Chander (SAC), IDRO Ahmedabad
Siddheswar Sen	32EE21A12012	CSIR-CMERI	Dr. Santu Kr Giri	Prof.(Dr) Subrata Banerjee, NIT Durgapur
Dapinder Sen	20EE21A15010	CSIR-CSIO	Dr. Shashi Poddar	Dr. Arnav Bhavser, IIT Mandi
Patel Nishant Kumar	32EE21A15008	CSIR-CSIO	Dr. Manoj K Patel	Dr. Koushik Majumder, Scientist (NABI)
Jyoti Sharma	10MM19J30001	CSIR-NIScPR	Dr. Y Madhavi	Dr. Kavitha Dhanasekaran, ICMR-NICPR
Shilpa Kumari	20EE18J27004	CSIR-NEERI	Dr. Sadhana Rayalu	Prof. A B Pandit, Vice Chancellor, ICT Mumbai
Avinash Kumar Yadav	20EE22J12022	CSIR-CMERI	Dr. Samik Dutta	Dr. Rajendra Machavaram, Associate Professor, IIT Kharagpur
Chetan Mishra	10BB19A02008	CSIR-IGIB	Dr. Beena Pillai	Dr. Arpita Konar, Institute of Health Sciences, Presidency University, Kolkata
Shinde Vijay Sukhdeo	10BB21A08019	CSIR-CFTRI	Dr. Sridevi A Singh	Dr. V K Modi, Head of Institute, Amity University of Food Technology
Santosh Deb Barma	20EE22A36008	CSIR-IMMT	Dr. C Eswaraiah	Prof. R Nagarajan, Professor, IIT Madras
Taniya Saharan	10BB21A27004	CSIR-NEERI	Dr. Shalini Dhyani	Dr. Prashant R. Thawale, Sr. TO , CSIR-IMMT, Bhubaneswar
Navdeep Singh	20EE20A36001	CSIR-IMMT	Dr. Anil K. Chaubey	Dr. Sanskaran Padhy, Scientist F, DRDO Chandipur, Orissa
Dhanashri Rajendra Dhamdhare	20EE22A36004	CSIR-IMMT	Dr. Priyanka Rajput	Dr. Syed Mohammed Mustakim, Sr. Technical Officer-2, CSIR-IMMT
Soma Banerjee	20EE21A12015	CSIR-CMERI	Dr. Manidipto Mukherjee	Prof (Dr.) Surjya Kanta Pal
Sweta Sharma	10PP21A15012	CSIR-CSIO	Dr. Pooja	Dr. Aditi Halder, Associate Professor, IIT Mandi
Nitin Zimaji Akhade	20EE21J27002	CSIR-NEERI	Dr. Nitin Labhasetwar	Dr. Rahul Walawalkar, Managing Director, Customized Energy Solutions India

Student Name	Enrollment No.	CSIR Lab	AcSIR Supervisor	Inclusion of Co-supervisor
Srikant Majhi	10CC22A36004	CSIR-IMMT	Dr. Bankim Chandra Tripathy	Dr. Himansul Nayak (Asst. Prof. Dept. of Chemistry, OUAT, Bhubaneswar)
Swati Kumari	10BB21A02020	CSIR-IGIB	Dr. Aastha Mishra	Dr. Vishal Bansal, Professor & Head, University of Delhi
Debadatta Sahoo	10PP20A36005	CSIR-IMMT	Dr. Rajakishore Sahoo	Prof. Sushant Kumar Badjena, Head, VSSUT, Burla
Saumendra Satrusallya	10CC22A36006	CSIR-IMMT	Dr. Bankim Chandra Tripathy	Dr. Sanjay Kumar Rout, Professor, KIST, Bhubaneswar
Vijay Lata	10CC21J33004	CSIR-IHBT	Dr. Dinesh Kumar	Dr. Subhash Verma, CSK-HPKV
Vijay Kumar Tiwary	20EE22J31001	CSIR-NML	Dr. Ammasi A	Dr. Anup Kumar, Head, Tata Steel, Jamshedpur
Mayank Srivastava	32EE22J31001	CSIR-NML	Dr. Sunil Kumar	Dr. Sudip K Pattanayek, Professor, IIT Delhi
Joges Chandra Biswas	10PP19A32033	CSIR-NPL	Dr. Satya Kesh Dubey	Dr. Vinay Shankar Pandey, Professor, NIT Delhi
Jagan Prasanna	10PP21J28005	CSIR-NGRI	Dr. Nimisha Vedanti	Dr. Ravi Prakash Srivastava, Equinor, Norway

Item No. 11: Academic affiliation granted by AcSIR to non-CSIR institutes through Agreements:

The Senate took note of the academic affiliation granted to the following non-CSIR Institutes, as per details provided below:

Sl. No.	AcSIR Associate Academic Centres	Term	Remarks
1	Max Institute of Medical Excellence, Delhi (later converted to a Tripartite agreement between AcSIR, Max Institute of Medical Excellence and Max Society of Medical Academics Innovation and Research, New Delhi)	5 years	Date of Agreement: 08.07.2022
2	ICMR-National Institute of Virology, Pune	5 years	Date of Agreement: 02.01.2023
3	Indian Institute of Tropical Meteorology, Pune	5 years	Date of Agreement: 25.01.2023

Item No. 12: Extension of agreement with RMIT, Australia on the completion of first term of 5 years in operation: The Senate took note of the extension of the existing Agreement between AcSIR and RMIT, Melbourne, for Joint Ph.D Degree Program (Cotutelle mode) signed on June 21, 2022 having a validity of 5 years from July 27, 2022.

Item No. 13: Initiation of Joint Ph.D Degree Programs through Agreement with Deakin University, Australia: The Senate took note of the formalization of the Agreement between AcSIR and Deakin University, Australia for Joint Ph.D degree Program (Cotutelle mode) on June 06, 2022 having a tenure of 5 years.

Item No. 14: Recognition of Prof. N. Kalaiselvi, DG, CSIR as Professor of Eminence, AcSIR: The Senate took note of the recognition accorded of Prof. N. Kalaiselvi, DG, CSIR & Secretary DSIR, as a Professor of Eminence of AcSIR on her assuming charge as DG-CSIR & Secretary DSIR on August 08, 2022, in accordance with Clause 43(11) of the AcSIR Statutes, 2017.

Item No. 15: Updated information on strength of faculty members: The Senate noted the updates in the list of faculty members of AcSIR, since the 29th Senate Meeting.

The Senate was further informed that currently, a total of 2622 scientists from AcSIR Academic Centres (i.e., CSIR Labs) and 137 scientists from AcSIR Associate Academic Centres (non-CSIR Institutes), have been recognized as Faculty members of AcSIR, as detailed below:

CSIR Scientists and Scientists from Associate Centres recognized as AcSIR Faculty	Current number
Assistant Professors	1459 + 79 at Associate Centres = 1538
Associate Professors	613 + 37 at Associate Centres = 650
Professors	525 + 17 at Associate Centres = 542
Outstanding Professors	31 + 4 at Associate Centres + 35
Emeritus Professors	34
TOTAL	2799

RATIFICATION ITEMS

Item No. 16: Student selection and admission to Ph.D programs of AcSIR for August 2022 and January 2023 sessions: The Senate ratified the selection of 1787 students for the Ph.D program, which includes 1572 students for Ph.D Science, 159 students for Ph.D-Engineering and 56 students for the Integrated Dual Degree (MTech-Ph.D) Program (IDDP), at 38 CSIR Labs and 13 Associate Centres of AcSIR, as detailed below:

August 2022 Admission session

Sl. No.	Faculty	No. of candidates selected	Confirmation of Admission
1.	Biological Sciences	446	288
2.	Chemical Sciences	331	159
3.	Physical Sciences	127	83
4.	Mathematical & Information Sciences	9	3
5.	Engineering Sciences	100	70
6.	IDDP	49	24
TOTAL		1062	627

January 2023 Admission Session

Sl. No.	Faculty	No. of candidates selected	Confirmation of Admission
1.	Biological Sciences	382	261
2.	Chemical Sciences	188	117
3.	Physical Sciences	80	45
4.	Mathematical & Information Sciences	12	12
5.	Engineering Sciences	59	43
6.	IDDP	7	4
TOTAL		728	482

Further, the Senate ratified the deferred joining of students selected in August 2021 and session and who joined in January 2022 session, as detailed below:

Sl. No.	Faculty	Confirmation of Admission
1.	Biological Sciences	1
2.	Chemical Sciences	1
5.	Engineering Sciences	1
TOTAL		3

Item No. 17: Student selection for MTech programs of AcSIR for August 2022 session: The Senate ratified the selection of 23 students (and admission confirmation of 7 students) for the M.Tech programs at three CSIR Laboratories (CSIR-CMERI, CSIR-CSIO, CSIR-NCL) for the academic session August 2022, as detailed below:

AcSIR Academic Centre (CSIR Lab)	Program Name: M.Tech	No. of candidates selected	Confirmation of Admission
CSIR-CMERI, Durgapur	• Mechatronics	8	3
	• Farm Machinery and Power Engineering	1	2
	• Design of Machinery and Equipment	5	0
CSIR-CSIO, Chandigarh	• Advanced Instrumentation	3	0
CSIR-NCL, Pune	• Chemical Engineering	6	2
Total		23	7

Item No. 18: Student selection for Integrated MSc-Ph.D program in Clinical Research, Health Informatics at AcSIR-PHFI: The Senate ratified selection of 20 students in the Masters' program in Clinical Research offered by PHFI-IIPH, Delhi. The admission details for the Masters' program in Health Informatics offered by PHFI-IIPH, Hyderabad are awaited.

Item No. 19: Student selection for MSc program in Food Technology at CSIR-CFTRI for August 2022 session: The Senate ratified the selection of 30 students for the MSc program in Food Technology at CSIR-CFTRI for August 2022 session.

Item No. 20: Student selection for MSc program in Wildlife Sciences at Wildlife Institute of India, Dehradun for August 2022 session: The Senate ratified the selection of 20 students for the Masters' program in Wildlife Sciences offered by the Wildlife Institute of India, Dehradun.

Item No. 21: Student selection for Masters in Public Health program at (i) IIPH Delhi and (ii) Max Society of Medical Academics Innovation and Research, New Delhi: The Senate ratified the selection of 66 and 14 students respectively, for the Masters in Public Health program at IIPH Delhi and Max Society of Medical Academics Innovation and Research, out of which, 52 and 12 have joined their respective programs.

Item No. 22: Student selection for Post Graduate Diploma programs for August 2022 session: The Senate ratified the selection of students for the following Post Graduate Diploma program for August 2022 session:

- Patinformatics at CSIR-URDIP: selection of 14 students out of which 11 have joined;
- Advanced Manufacturing Technology at CSIR-CMERI: selection of 1 student who did not join;
- Precision Measurement and Quality Control at CSIR-NPL: selection of 16 students of which none has joined.

Item No. 23: Results and award of Ph.D Degrees in Science and Engineering: The Senate ratified the results of 411 students (since the 29th meeting held on May 11, 2022) who had completed all the academic requirements for the award of Ph.D degree, including the successful completion of the viva voce examination, upto February 07, 2023.

The Senate noted that since inception, 3519 Ph.D Degrees have been awarded by AcSIR (till February 07, 2023).

Item No. 24: Results and award of MTech Degrees – 2020-2022 batch: The Senate ratified the results of 11 students of M.Tech program from CSIR-CEERI: 01 student; CSIR-CMERI: 06 students from three MTech programs; CSIR-CSIO: 01 student; and CSIR-NCL: 03 students.

Item No. 25: Results and award of Masters' Degrees – 2020-2022 batch: The Senate ratified the results of the M.Sc 2020-2022 batch for the following programs:

- (i) Integrated MSc-Ph.D program in 'Clinical Research' at PHFI, Delhi: results of 10 students.
- (ii) Integrated MSc-Ph.D program in 'Health Informatics' Program at IIPH, Hyderabad: results of 2 students would be declared with approval of the Chairperson, Senate;
- (iii) Integrated MSc Program in 'Science & Technology Communication' at CSIR-NISCAIR: results of 04 students;
- (iv) MSc Program in 'Food Technology' at CSIR-CFTRI: results of 30 students.

Item No. 26: Results and award of Post Graduate Diploma – 2020-2021 batch: The Senate ratified the results of the Post Graduate Diploma of 2020-2021 batch for the following programs:

- (i) Advanced Manufacturing Technology, CSIR-CMERI: 05 students;
- (ii) Patinformatics, CSIR-URDIP: 07 students;
- (iii) Precision Management & Quality Control, CSIR-NPL: 06 students

Item No. 27: Course related: New and Modifications: The Senate ratified the introduction of new courses, modifications and deletions of existing courses at various academic centres, as approved by the Chairperson, Senate on recommendation of the Chairperson, Board of Studies, as detailed below:

Ph.D Courses		
Course 2: Inter-disciplinary/Cross-disciplinary Courses		
Introduction of new courses	Modification of existing Courses	Discontinuation of Courses
CSIR-NCL	CSIR-CEERI	CSIR-NCL
CSIR-IMTECH	CSIR-NGRI	
CSIR-NGRI	CBMR	
CBMR	CSIR-IIIM	
Course 3: Advanced Courses		
Introduction of new courses	Modification of existing Course	Discontinuation of Courses
CSIR-IMTECH	CSIR-NPL	CSIR-NCL
CSIR-CSIO	CSIR-CSIO	CSIR-CGCRI
CSIR-CGCRI	CSIR-NGRI	CSIR-CSMCRI
CSIR-IIP	CSIR-NIO	
CSIR-CSMRI	CSIR-IIIM	
CSIR-NPL		
CSIR-CECRI		
CSIR-NGRI		
CBMR		
CSIR-CMERI: CHE-CMERI-2-2109: Composite Materials; Coursework (post facto approval granted for course dated 24-09-2018)		
Integrated Dual Degree Ph.D. Program (IDDP) in Engineering		
Introduction of new course	Modification of existing course	Discontinuation of Course
	CSIR-CMERI	
	CSIR-CSIO	
M.Tech		
Introduction of new course	Modification of existing course	Discontinuation of Course
	CSIR-CEERI	

Item No. 28: Minutes of the 20th meeting of Finance Committee: The Senate ratified the major decisions of the 20th meeting of the AcSIR Finance Committee held on September 22, 2022, as summarized below:

Item No.	Details of Ratification Items
4	Submission of Audited Accounts of AcSIR for the AY 2022-2023 (FY 2021-2022)
5	Resolution for Accumulation of the unspent amount from 85% of the income of AcSIR for Tax Return Filing purpose (AY 2022-2023)
6	Accumulation of 15% of income for FY 2021-2022 (AY 2022-2023) without any special resolution
7	Fixation of Cohort Fees for the year 2023
8	AcSIR to pay international return airfare for selected students visiting University of Western Australia (UWA), Perth under AcSIR-UWA Joint Ph.D Degree Program
9	Salary structure for the position of the Director, AcSIR <i>The Senate noted that the matter is to be placed at next meeting of Board of Governors, for approval.</i>
10	Introduction of House Rent Allowance for the positions of Executive Assistants, Assistant Managers, Manager, Senior Manager, Assistant Director and Associate Director(s) of AcSIR. <i>The Senate ratified implementation of the same from October 01, 2022</i>
11	Enhancement of Professional Fees paid to the Deans and Associate Deans of all Faculty. <i>The Senate ratified implementation of the same from October 01, 2022</i>
12	Enhancement of honorarium payable to members of Statutory Committees and Academic & Administrative Committees constituted by AcSIR HQs. <i>The Senate ratified implementation of the same from October 01, 2022</i>

Necessary approvals of the Chairperson, Board of Governors have been obtained, on recommendation of the Chairperson, Senate for implementation of the decisions. The matter will be placed at the next meeting of the Board of Governors for ratification.

APPROVED ITEMS

Item No. 29: Minutes of 21st meeting of the Finance Committee: The Senate resolved the decisions of the 21st meeting of the AcSIR Finance Committee (held on December 31, 2022), as detailed under:

Item Nos.	Details of the Approval Items
4	Continuation of services of CAG empaneled Auditors, M/s. Goyal and Goyal Chartered Accountants, New Delhi for conduct of Audit for AY 2023-2024, on same terms and conditions as earlier
5	The Revised Estimate (RE) for FY 2022-2023, and the Budget Estimate (BE) for FY 2023-2024: (i) Revised Estimate (RE) for FY 2022-2023 as Rs. 974.20 Lakh against the approved Budget Estimate (BE) of Rs. 1,000.00 Lakh for the year; (ii) Budget Estimate (BE) for FY 2023-2024 of Rs. 1217.00 Lakh against an anticipated income of Rs. 1334.80 lakhs.
6	Enhancement of honorarium for evaluation of AcSIR Ph.D thesis for the External examiners and conduct of viva-voce to Rs. 5000 for all viva-voce examination conducted from April 01, 2023. However, the Senate recommended deletion of the payment of Digital Communication Allowance of Rs. 2000 for online conduct of the viva voice examination, as detailed at Agenda item No. 34 of this meeting.

Item Nos.	Details of the Approval Items
7	Enhancement of Ph.D Thesis Submission Fee for Regular and Sponsored Candidates to Rs. 15,000 and Rs. 30,000 (from Rs. 5,000 and Rs. 25,000) respectively, effective from 09.01.2023. Also, For cases of re-registration on completion of 6 years tenure, introduction of Re-registration fee of Rs. 10,000/-, which has been implemented with immediate effect. The Senate further resolved that such enhancement in fees should be done in steps in future.
8	Revision of Performance Grading for all employees and the rates of Annual Performance Incentive payable to the AcSIR personnel for the FY 2023-2024, effective from 01.04.2023. Extension of the contract employment would be granted only for average grade score of 8.0 or above during the past 5 years of contract.
9	Provide upto three increments to the employees completing 5-year contract employment at AcSIR, effective for all extension of contracts from 01.04.2023 and onwards. The employees would be eligible for extension of the contract employment only if they have an average grade score of 8.0 or above during the past 5 years of contract employment.
13(i)	Introduction of the position "Nodal officer for Academic Compliance" (details at Item No. 43 of this meeting)
13(ii)	Discontinuation of the practice of payment of honorarium and TA/DA to the external members of the DAC and the Comprehensive Boards of the students, since AcSIR rules do not mandate inclusion of external members in the DAC or Comprehensive Examination Boards of the students.
13(iii)	Airfare would not be payable to any Adjunct Faculty for their travel to the AcSIR Academic Centres with whom they are associated as Adjunct Faculty. However, such Adjunct Faculty may be paid honorarium for lectures delivered at the Academic Centres, as per approved rates.
13(iv)	Since AcSIR funds transferred to the CSIR Labs are not from Govt. funds, therefore, the requirement of procuring tickets for through Govt. approved agents (e.g., IRCTC or Balmer Laurie etc.) is not applicable.

Item No. 30: Academic affiliation of non-CSIR Institutes with AcSIR through Agreements and Extension of Agreement with Public Health Foundation of India: The Senate considered the matter of academic affiliation and resolved to accept the affiliation requests from (i) Centre for Nano & Soft Matter Sciences (CeNS), Bengaluru; (ii) TCG Centres for Research and Education in Science and Technology (TCG CREST), Kolkata; and (iii) in-principle approval for Indian Institute of Astrophysics (IIA), Bengaluru (subject to favourable recommendations of the Committee), as Associate Academic Centres of AcSIR and extension of the Agreement with PHFI for another term of 10 years on the expiry of the initial agreement signed on April 05, 2013. The terms and conditions of the Agreement may be re-visited for improvement, wherever applicable.

Emanating out of the discussion, the Senate resolved introduction of a one-time application fee and a yearly continuity fee from Institutes/ Trusts seeking academic affiliation with AcSIR, subject to the approval of the Board of Governors, AcSIR.

Item No. 31: Memorandum of Understanding between AcSIR and University of Turku, Finland for conduct of Joint Doctoral Education and student exchange: The Senate approved the proposed non-binding Memorandum of Understanding (MoU) with University of Turku, Finland, for initiation of a Joint Doctoral Education and Student Exchange program in the research areas covered under Science, Technology, Engineering and Mathematics (STEM). The Senate noted that a formal Agreement would follow subsequently for establishment for Joint Doctoral Degree Education and/or for student exchange program.

Item No. 32: Discontinuation for academic affiliation with Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad: The Senate approved the discontinuation of the Academic Agreement with Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad on mutual consent, which was formalized on February 01, 2019 for 5 years, due to no academic activity taking place under this agreement.

Item No. 33: Revision in the maximum residency period for Ph.D program, as per UGC guidelines: The Senate resolved the adoption of Clause 4 (1 to 3) of the recently notified UGC (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2022 that "Ph.D. Program shall be for a minimum duration of three years including coursework, and a maximum duration of six years from the date of admission to the Ph.D. program". Further, "a maximum of additional two years can be given through a process of re-registration, provided, the total period for completion of a Ph.D. program should not exceed eight years from the date of admission in the Ph.D. program".

The Senate further resolved that the period of Academic Break(s) will henceforth be counted while computing the total residency period of a student in the Ph.D program. Further, the Academic Break(s) can only be availed after the successful completion of the Comprehensive Examination and only during the regular residency period of 6 years. Further, the female Ph.D. scholars and Persons with Disabilities (having more than 40% disability) may be allowed an additional relaxation of two years, including the period of maternity leave.

Additionally, students who are unlikely to submit their Ph.D thesis within the maximum residency period of 6 years, will have to seek re-registration in Ph.D at least 01 month before the completion of their 6-year period of residency in the Ph.D program, on payment of re-registration fee.

Item No. 34: Conduct of Viva-voce examination through online mode: The Senate resolved that the viva-voce examinations be conducted through the online/hybrid mode. The external examiner will hold the viva only through online mode. The viva-voce examination be arranged in a hall with at least the physical presence of the student, supervisor(s), DAC members and other scholars and scientists/faculty of the Institute as open defense. However, in exceptional cases, the Ph.D student or the supervisor may request the AcSIR-HQ for appearance through the online mode, with appropriate justification and after prior approval of the Director, AcSIR.

The Senate further resolved to discontinue the "Digital Communication Allowance" (DCA) paid to the external examiners for conduct of viva online with effect from April 01, 2023.

Item No. 35: External Examiners of Ph.D Thesis Board proposed by the Supervisor(s): The Senate resolved the amendment in the constitution of the Thesis Board for proposing external examiners of the Ph.D thesis, as follows:

(1) At least 8 external examiners should be proposed in the thesis board, each of whom should be at least of Associate Professor/ Professor or equivalent levels from reputed Institutes/Universities and should be an expert in the core research domain of the Ph.D thesis. Prior consent of the external examiners shall be obtained for evaluating the thesis.

(2) The proposed external examiners can be selected keeping in mind the following conditions :
(i) a maximum of two external examiners from a single state and not more than one external examiner from one institution/university; (ii) CSIR Scientists and AcSIR faculty members from CSIR and AcSIR-affiliated institutes shall not be proposed as external examiners; (iii) collaborators of the research



supervisor with whom the concerned student has worked or co-authored any publication, shall not be proposed as an external examiner; (iv) the external examiners who have already evaluated 2 AcSIR Ph.D thesis, in the Institute where the thesis is being submitted, in a calendar year, cannot be proposed.

Item No. 36: Revision in the constitution of Ph.D student screening and selection committee for admission: The Senate resolved the revised constitution of the Screening and Selection Committee for admission to the Ph.D program at the Academic Centres for each of the faculty of study, as follows

- (1) Director of the institute or senior most scientist from the Institute (who is also faculty of AcSIR supervising Ph.D students) nominated by the Director of the institute will act as the Chairperson;
 - (2) One external expert from relevant field(s)/faculty of study;
 - (3) One subject expert from within the institute (if required) nominated by Director of the Institute;
 - (4) One representative from any of the reserved categories (SC or ST or OBC);
 - (5) Dean or his/her nominee;
 - (6) Coordinator of AcSIR at the Institute will act as the Convener;
- One woman representative, from among the members (1) to (6) above.

For constitution of the Screening Committee, 'one external expert' is to be replaced by 'one senior member of the institute' in the above committee.

Item No. 37: Inter-institutional transfer of Ph.D students after minimum of one semester: The Senate resolved that the inter-institutional transfer of Ph.D students would only be allowed after the completion of minimum of one semester of the student's Ph.D enrollment in the institute, where the student was originally selected for admission. However, under exceptional circumstances (including marriage, transfer of parents/spouse, medical reasons etc), such requests can be considered by the Chairperson, Senate for approval, provided they are accompanied by relevant documentary proof.

Item No. 38: Transfer of course credits: The Senate resolved that more than four course credits of the student can be considered for transfer towards meeting the AcSIR course-credits requirements, depending on the NIRF/QS rankings of the institution, where these course credits have been earned. Based on the course curriculum and its equivalence to that of the AcSIR courses, the Dean of the concerned faculty would recommend the same for the approval of the Associate Director (Academics).

Item No. 39: Conversion from Regular to Sponsored category of Ph.D enrolment: The Senate resolved that students enrolled as regular candidates, who get employment during their Ph.D tenure, may be permitted to convert their Ph.D enrollment from "Regular" to "Sponsored" category, after obtaining NOC from their employer, subject to their meeting all the admission pre-requisites for the sponsored student category and after completion of minimum of one semester residency period on campus for course work. After the transfer of such students from regular to the sponsored category, they would be governed by the existing guidelines applicable to the sponsored students.

However, conversion from Sponsored to Regular category student would not be permitted.

Item No. 40: Eligibility of Ph.D applicants with INSPIRE Ph.D Fellowship: The Senate resolved that the INSPIRE Ph.D fellowship awardees, who do not have a confirmed fellowship, may be considered by all the institutes in the screening and selection process for admission to Ph.D program, at par with CSIR/UGC fellowship awardees, and may be selected provisionally. The selection shall necessarily be



made on the basis of oral examination which shall be considered equivalent to a written examination. Such students, if not finally selected for the INSPIRE Fellowship, may be given an option to continue in the Ph.D program without a Fellowship, with approval of the Director of the concerned Institute, failing which the provisional admission will stand cancelled.

Item No. 41: Revision of eligibility criteria for “Project Assistants” being considered for admissions to AcSIR Ph.D program: The Senate resolved to accept the revision of the eligibility criteria for “Project Assistants” for admission to AcSIR Ph.D program, in compliance with Clause 4(5)(g, h and i) of the AcSIR Ordinances, 2017 and in partial modification of the AcSIR OM No. AcSIR/8/1(1)-2022 dated 15.03.2022 bearing the subject “Clarifications on the AcSIR Ph.D eligibility criteria for “Project Assistants”, as follows:

- (i) Only those exceptionally bright Project Assistants working in the Institutes may be considered for admission to AcSIR Ph.D program who have been in temporary employment as a Project Assistant in a sanctioned R&D project of the same Institute for at least one year (one year will be reckoned on the last date of admission confirmation by payment of fees, as notified by AcSIR in the Academic Session in which the Project Assistant intends to seek admission for Ph.D), and can only apply with the prior permission of the PI of the project and concurrence of the Director of the Institute;
- (ii) The Project Assistants who are being considered for admission to the AcSIR Ph.D program must fulfill the educational qualification as required for the project and the Screening and Selection committee, constituted as per rules of AcSIR, must evaluate the knowledge of the candidate in the subject and research capabilities critically with proper justification;
- (iii) The Project Assistant must have at least one publication in a SCI journal with substantial research contribution and only as a first or second author of the publication;
- (iv) The selection shall necessarily be made on the basis of an oral examination by the Ph.D selection committee constituted at the Institute, which shall be considered equivalent to a written examination;
- (v) The financial assistance from the project to the applicant should be valid for at least one year from the notified date of commencement of the academic session for which the applicant is seeking PhD admission;
- (vi) On completion of their tenure of the R&D project from which the student was drawing his/her fellowship, the student may be given an option to continue in the Ph.D program without a fellowship, with approval of the Director of the concerned Institute, failing which their admission in the Ph.D program will stand cancelled.

Item No. 42: Provision of Ph.D enrollment for all employees of AcSIR-affiliated Institutes : The Senate resolved to defer the proposal and take opinion of the Directors of all concerned Institutes before taking a decision on this matter.

Item No. 43: Nomination of Nodal Officer (Academic Compliance): The Senate approved the nomination of Prof. Raji Reddy, former AcSIR Coordinator at CSIR-IICT, Hyderabad, as the Nodal Officer (Academic Compliance).

Item No. 44: Application of Dr. R.K. Kotnala, former Chief Scientist, CSIR-NPL as AcSIR Emeritus Professor (Honorary): The Senate approved the nomination of Dr. R.K. Kotnala, former Chief Scientist, CSIR-NPL, for recognition as an Emeritus Professor of AcSIR. The Senate further resolved



that for all such future requests for academic recognition of AcSIR, the academic and research credentials of the concerned scientist and their past contribution to AcSIR must be determined along with consent of the concerned Director of the Institute, to which such faculty wishes to remain affiliated.

Item No. 45: Any other Item with permission of the Chair:

With approval of the Chairperson, Senate, the following item was discussed:

- (i) The Senate decided to defer any decision on eligibility of students to AcSIR Ph.D program after a 4-year/8-semester bachelor's degree program.

The meeting ended with a vote of thanks to the chair.



(Manoj Kumar Dhar)
Chairperson, Senate