



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

Proceedings of the 29th Meeting of the Senate

The 29th meeting of the Senate of the Academy of Scientific and Innovative Research (AcSIR) was held on May 11, 2022 at 16:00 hrs. in hybrid mode (online video mode and by physical presence 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. Rajender S. Sangwan , Director, AcSIR	Chairman	In person
2	Prof. Ajay Dhar , Associate Director, AcSIR	Member	In person
3	Prof. R.K. Sinha , Vice Chancellor, Gautam Buddha University, Greater Noida	Member	In person
4	Prof. Ajay Agarwal , Professor, Department of Electrical Engineering IIT Jodhpur	Member	In person
5	Prof. Haripriya Gundimeda Professor, Dept of Humanities and Social Sciences, IIT Bombay	Member	In person
6	Prof. Sridevi Jade , CSIR-4PI	Member	In person
7	Prof. C.S. Gopinath , CSIR-NCL	Member	Online
8	Prof. Munia Ganguly , CSIR-IGIB & Member, Board of Studies	Member	Online
9	Prof. Manik Varma , Microsoft Research India & IIT Delhi & Member, Board of Studies	Member	Online
10	Prof. Annapoorni Subramanian , Delhi University & Member, Board of Studies	Member	Online
11	Prof. Ramanuj Narayan , CSIR-IICT & Dean, Chemical Sciences	Member	In person
12	Prof. Naresh Chandra Murmu , CSIR-CMERI & Dean, Engineering Sciences	Member	In person
13	Dr. Binoy Kumar Saikia , CSIR-NEIST	Member	In person
14	Dr. Achu Chandran , CSIR-NIIST	Member	Online
15	Prof. Mahesh Kulkarni , CSIR-NCL & Associate Dean, Biological Sciences	Member	In person
16	Prof. CH Suresh , CSIR-NIIST & Associate Dean, Chemical Sciences	Member	In person
17	Dr. Neerja Garg , CSIR-CSIO & Associate Dean, Math. & Information Sciences	Member	In person
-	Ms. Arpita Sengupta , Senior Manager, AcSIR	Non-Member Secretary	In person

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

Prof. Sridevi Annapurna Singh, Prof. G. Narahari Sastry, Prof. Saman Habib, Prof. Danda Srinivas Rao, Dr. Amol A. Kulkarni and Dr. Divya Tej Sowpati could not attend the meeting due to their other engagements.

The quorum of the meeting was complete.

INITIATION OF THE MEETING

Item No. 1: Welcome address and an update on the major activities and achievements of AcSIR by the Chairman of the Senate: Prof. Rajender S. Sangwan, Chairman, Senate, AcSIR extended a warm welcome to all the members of the reconstituted Senate.

The Chairman updated the members on the following activities and status and achievements of AcSIR since the previous meeting of the Senate:

- Initiation of two new Masters' programs from August 2022 session in 'Wildlife Sciences' and 'Heritage Conservation and Management' at Wildlife Institute of India, Dehradun;
- Current PhD student strength of over 5500 (as on May 11, 2022), where in more than 1000 students have joined AcSIR for PhD per year from 2018 onwards;
- Need to strengthen the academic programs in Mathematical and Information Sciences;
- Need to identify fellowships for PhD in Engineering Sciences;
- More than 3100 PhD Degrees and more than 700 Post Graduate Degrees awarded till date by AcSIR since its inception;
- The Chairman updated the Senate about the various National and Global Rankings achieved by AcSIR among institutes of higher education:
 - o **Nature Index Rankings:** AcSIR attained 13th rank among Universities in India, 167th rank among Universities in Asia, and 455th rank among Universities worldwide, for the period September 2020, to August 2021.
 - o **SCImago:** AcSIR has maintained its 2nd rank in SCImago Rank 2022 from its 41st rank in the year 2015 with respect to ranking among institutes of higher education in India.
 - o **NIRF 2021:** AcSIR achieved 22nd rank in the newly introduced category of "Research Institutions" in NIRF-2021.
- Induction of new Associate Centres of AcSIR through Agreements since the last Senate Meeting; viz., ICMR-Vector Control Research Centre, Puducherry; ICMR-Regional Medical Research Centre, Dibrugarh; Centre for Biomedical Research, Lucknow, National Institute of Biologicals, Noida and Wildlife Institute of India, Dehradun;
- Initiation of three Joint PhD Degree Programs (JDP) of AcSIR with University of Western Australia, Australia; National Institute of Ayurveda, Jaipur and Institute of Teaching and Research in Ayurveda, Jamnagar through Agreements;
- Development and inauguration of Thesis Portal named "Vigyangrath" (the Indian Research Scholars Science Stream, IRSS Stream) by AcSIR, which was inaugurated on Feb 11, 2021 by Lt. General (Dr.) Madhuri Kanitkar, AVSM, VSM. A unique feature of the portal is 'My Thesis for My



Country', where the contributing researchers express their doctoral research work in a short video/ audio clipping (in English along with additional option of also stating it in Hindi or local Indian language/dialect) for the understanding of the common man;

- Development of AcSIR Alumni Platform connecting the students, faculty and alumni of AcSIR;
- Organization of Falling Walls Lab India 2021, as a key partner with DAAD, Germany

Item No. 2: Confirmation of the Proceedings of the 28th meeting of the Senate: The proceedings of the 28th meeting of the Senate, held on July 09, 2021 were communicated to the members for which no comments were received. The Chairman, further invited comments, if any, from the members then and there at the meeting. No comments were made by any member and the Senate confirmed the proceedings of the 28th meeting of the Senate.

Item No. 3: Action Taken Report (ATR) on the 28th Meeting of the Senate: The Senate members were updated about the actions taken with respect to the decisions and suggestions on each of the agenda items of the 28th meeting of the Senate. Members were also updated about the extent of completion / progress of tasks in this regard. Only those items where action(s) were still in process were stated, as below, along with current status of their progress:

- Introduction of new Faculty of Study in Pharmaceutical Sciences: Introduction of Faculty of Pharmaceutical Sciences is being explored by AcSIR to assess requirements of regulatory compliances including approval of Pharmacy Council of India;

The Senate took note of the status of all the actions taken, with reference to the decisions and suggestions of the 28th meeting of the Senate.

ITEMS FOR INFORMATION

Item No. 4: 6th Convocation of AcSIR to be held on May 12, 2022: The Senate was informed of the Sixth Convocation of the AcSIR, which was scheduled for May 12, 2022 at the CSIR-National Physical Laboratory (CSIR-NPL) Auditorium, New Delhi in physical mode. The Senate took note that out of a total of 433 graduands, 386 would be awarded Ph.D. Degrees, 03 would be awarded M.Tech Degrees, 37 would be awarded M.Sc. Degrees and 07 would be awarded Post Graduate Diplomas. At this event, 21 'AcSIR Best PhD Thesis Award' would also be awarded for the years 2019 and 2020.

Item No. 5: Change of faculty/discipline of study of AcSIR students: The Senate took note of the changes in the subject Faculties by the AcSIR Ph.D students, as detailed below:

CSIR-Lab	Name of the Student	Faculty	Enrollment No.	Changed Faculty	Revised Enrollment No.
CSIR-CSIO	Gurjeet Kaur	Physical Sciences	10PP21J15003	Chemical Sciences	10PC21J15001
CSIR-CSIO	Deepika Sharma	Physical Sciences	10PP21J15002	Chemical Sciences	10PC21J15002
CSIR-IMMT	Motilal Chhatria	Biological Sciences	10BB21A36007	Chemical Sciences	10BC21A36014
CSIR-CSIO	Shubham Kumar Patial	Physical Sciences	10PP21A15003	Chemical Sciences	10PC21A15001
CSIR-IITR	Vaibhavi Lahane	Biological Sciences	10BB21A22018	Chemical Sciences	10BC21A22005
CSIR-IIIM	Debajit Mishra	Biological Sciences	10BB21A37006	Physical Sciences	10BP21A29041
CSIR-NIO	Ghori Rehnuma Irshad	Biological Sciences	10BB20A29001	Physical Sciences	10BP20A29001
CSIR-NCL	Naga Srilatha CH	Engineering Sciences	20EE18J26019	Chemical Sciences	10EC18J26014
CSIR-IMMT	Rutuja Kamble	Biological Sciences	10BB21J36003	Chemical Sciences	10BC21J36001
CSIR-IITR	Sneh Lata	Biological Sciences	10BB22J22021	Chemical Sciences	10BC22J22003
CSIR-CBRI	Reetam Choudhary	Physical Sciences	10PP21A01001	Chemical Sciences	10PC21A01001

Item No. 6: Ph.D Students availing Academic Break: The Senate noted the cases of 25 students from 12 Academic Centres who had been granted One-Time Academic Break following the AcSIR rules, as detailed below:

Lab	Student	Faculty	Registration No.	Academic Break From	Academic Break Upto
CSIR-CIMAP	Sudipa Thakur	Biological Sc.	10BB15A10007	01.07.2021	30.06.2023
CSIR-IIIM	Nasima Bano	Biological Sc.	10BB17J37002	10.05.2019	09.05.2021
CSIR-NCL	Mahesh Kumar Bamniya	Chemical Sc.	10CC17J26001	19.12.2019	18.12.2021
CSIR-CEERI	Narasimha Swamy S	Engineering Sc.	20EE18A06008	09.08.2021	08.08.2022
CSIR-NPL	Manmohan Singh Gautam	Chemical Sc.	10CC18A32067	27.08.2021	26.08.2022
CSIR-NPL	Himani	Physical Sci.	10PP19A32006	21.08.2021	20.02.2022
CSIR-NML	Shivam Kumar	Engineering Sc.	20EE18A31003	01.10.2021	31.03.2023
CSIR-IMTECH	Sayalpreet Kaur	Biological Sc.	10BB18A20015	11.11.2021	23.11.2023
CSIR-NPL	Qadeer Ahmed	Physical Sci.	10PP19A32058	01.12.2021	30.11.2023
CSIR-NPL	Prashant Kumar Yadav	Physical Sci.	10PP20A32029	15.12.2021	14.12.2023
CSIR-NPL	Ankit Gupta	Physical Sci.	10PP19A32011	01.01.2022	31.12.2022
CSIR-CSMCRI	Doli Maru	Chemical Sc.	10CC20A16017	20.12.2021	19.12.2023
CSIR-NPL	Ritu	Physical Sci.	10PP19A32019	08.12.2021	07.12.2023
CSIR-CEERI	Nikita Jangir	Engineering Sc.	32EE19A06011	04.01.2021 to	03.01.2022 Extension upto 28.02.2022
CSIR-CRRI	Bandi Haritha	Engineering Sc.	20EE20A14005	20.01.2022	19.01.2023
CSIR-CFTRI	Shejawale Deepali D	Engineering Sc.	20EE21A12012	11.08.2020	10.02.2022 (ex-post facto)
CSIR-CSIO	Vijaya Choudhary	Engineering Sc.	20EE20A15014	01.02.2022	31.01.2023
CSIR-CEERI	Surendra Singh Patel	Engineering Sc.	20EE17A06002	01.03.2022	01.03.2023
CSIR-CEERI	Batchu Supraja	Engineering Sc.	20EE18A06006	23.03.2022	22.03.2024
CSIR-CCMB	M. Gayatri Pratyusha	Biological Sc.	10BB20A03017	01.04.2022	30.09.2022
CSIR-NGRI	Aseem Sharma	Physical Sc.	10PP19A28023	01.03.2022	31.08.2022
CSIR-CFTRI	Naresh K S	Chemical Sc.	10CC20A08002	04.04.2022	03.04.2024
CSIR-CDRI	Vikaskumar Goud	Chemical Sc.	10CC20A04026	11.05.2022	10.05.2023
CSIR-CSMCRI	Sakshi	Biological Sc.	10BB21J16009	05.05.2022	05.05.2024
CSIR-NCL	Divika Gupta	Engineering Sc.	20EE17A26039	15.04.2022	14.04.2024

The Senate took note that the following Ph.D student, who was granted academic break at the 28th meeting of the Senate (Item No. 5) from 15.06.2021 to 14.06.2022, had withdrawn the request for Academic Break and was continuing in the program:

Lab	Student	Faculty	Enrolment No.	Academic Break From	Academic Break Upto
CSIR-CMERI	Sourav Garai	Engineering Sc.	20EE18A12008	15.06.2021	14.06.2022

Item No. 7: Students availing Special one-time waiver, who failed to timely re-join the institute after availing approved Academic Break, during the period of restrictions related to Covid-19 pandemic: The Senate took note that the following students availed the benefit of one-time waiver on applicability of re-joining date, due to constraints related to Covid-19 pandemic to rejoin their respective institutes between March 25, 2020 to July 30, 2021 (both dates inclusive):

Lab	Student	Faculty	Enrolment No.	Academic Leave From	Date of rejoining
CSIR-NPL	Shital Chouhan	Physical Sc.	10PP16A32005	01.07.2020 to 01.12.2020	02.08.2021 *
CSIR-IIIM	Santosh Kumar Rath	Chemical Sc.	10CC13A37006	27.06.2018 to 31.01.2020; Extension till 26.06.2020	27.07.2021
CSIR-IIIM	Arun Raina	Chemical Sc.	10CC15J37023	24.7.2019 to 31.05.2020/ extended to 23.07.2021	02.08.2021 *
CSIR-NCL	Wavhal Bhaiyasaheb Anurath	Chemical Sc.	10CC17A26001	01.11.2019 to 31.12.2020	28.07.2021

* next working day

Item No. 8: Inter-Institutional Transfer of AcSIR students: The Senate took note of the cases, as detailed below, for Inter-Lab Transfer of AcSIR students, as per AcSIR rules:

Name of the Student	Faculty	Enrolment No.	CSIR Lab		Revised Enrollment No.
			From	To	
Radhika Singh	Biological Sciences	10BB18A22011	CSIR-IITR	CSIR-IMTECH	10BB18A20018
Reena R	Biological Sciences	10BB20A11004	CSIR-CLRI	CSIR-NIIST	10BB20A39012
Santosh Kumar Rath	Biological Sciences	10CC13A37006	CSIR-IIIM	CSIR-IMMT	10CC13A36026
Ankita Babarao Bagde	Biological Sciences	10BB20A26001	CSIR-NCL	CSIR-NEERI	10BB20A27001
Abhijeet Mohanty	Chemical Sciences	10CC21J11003	CSIR-CLRI	CSIR-IMMT	10CC21J36001
Swati Bhuria	Biological Sciences	10BB20A33010	CSIR-IHBT	CSIR-NBRI	10BB20A25002
Debajit Mishra	Biological Sciences	10BB21A37006	CSIR-IIIM	CSIR-NIO	10BP21A29041
Rosaleen Sahoo	Biological Sciences	10BB20J38004	CSIR-NEIST	CSIR-IMMT	10BB20J26033
Ajay Kumar	Physical Sciences	10PP19A15026	CSIR-CSIO	CSIR-NCL	10PP19A26045
Shah Maulik Mahendrabhai (*Resigned)	Biological Sciences	10BB21A10020	CSIR-CIMAP	CSIR-NBRI	10BB21A25036
Manish Jain (*Resigned)	Engg. Sciences	32EE22J36002	CSIR-IMMT	CSIR-CBRI	32EE22J01001
Ruhika Sharma	Engg. Sciences	20EE20A15007	CSIR-CSIO	CSIR-IHBT	20EE20A33001

Item No. 9: Change of students' PhD program from Regular to Part-Time: The Senate took note of the following case of conversion of PhD program from Regular to Part-Time, as per AcSIR rules:

Student	Registration No.	Lab	Faculty	Open Colloquium	Effective Date	Approval of Chairman, Senate
Denish Kubavat	10BB14A16022	CSIR-CSMCRI	Biological Sc	12.07.2021	20.07.2021	16.08.2021
Preeti T Jacob	10BB15A16010	CSIR-CSMCRI	Biological Sc	06.08.2021	18.08.2021	16.08.2021
Abhilek K. Nautiyal	10BB15A19006	CSIR-IIP	Biological Sc	16.09.2021	23.09.2021	21.09.2021

Student	Registration No.	Lab	Faculty	Open Colloquium	Effective Date	Approval of Chairman, Senate
Gurmeet Singh	10CC17J19006	CSIR-IIP	Chemical Sc	13.08.2021	28.08.2021	26.10.2021
Shital Chauhan	10PP16A32005	CSIR-NPL	Physical Sci.	09.08.2021	11.08.2021	26.10.2021
Ashok Panda	10BB16A16012	CSIR-CSMCRI	Biological Sc	27.05.2021	18.10.2021	26.10.2021
Nasima Banoo	10BB17J37002	CSIR-IIIM	Biological Sci.	10.01.2022	11.01.2022	19.01.2022
Aniket Gupta	10CC18A16007	CSIR-CSMCRI	Chemical Sc	16.02.2022	18.02.2022	02.03.2022
Rahul Chakraborty	10BB16A02013	CSIR-IGIB	Biological Sc.	11.01.2022	01.03.2022	09.03.2022
Neha	20EE18J15013	CSIR-CSIO	Engineering Sc	12.04.2022	01.05.2022	05.05.2022

Item No. 10: Grant of permission for early submission of thesis: The Senate took note of the following case, who was granted approval by the Chairman, Senate, for early submission of Ph.D thesis:

Student	Registration No.	Lab	Faculty	Early submission date	Approval of Chairman, Senate
Punamshree Das	10CC18A38004	CSIR-NEIST	Chemical Sci.	31.07.2021	17.08.2021

Item No. 11: Transfer of Ph.D registration from non-CSIR institute to AcSIR PhD Program: The Senate took note of the transfer of Ph.D registration of the following three PhD students at CSIR-CCMB, working at National Institute of Immunology (NII), New Delhi and registered for PhD at Jawaharlal Nehru University (JNU), New Delhi to AcSIR at its Academic Centre at CSIR-CCMB. These students have completed their minimum course work credit requirements at NII and were permitted to transfer their course work credits to AcSIR.

Student's Name	Previous Registration & Registration No.		Date of Approval by Director, AcSIR	AcSIR Academic Centre & New Enrollment No.	
Yogita Kapoor	JNU (NII)	NII/2019/001	24.08.2021	CSIR-CCMB	10BB21A03023
Priyadarshini Sanyal	JNU (NII)	NII/2019/016	24.08.2021	CSIR-CCMB	10BB21A03024
Abhishek Saha	JNU (NII)	NII/2020/001	24.08.2021	CSIR-CCMB	10BB21A03025

Item No. 12: Student permitted to go abroad for research work in foreign Lab: The Senate took note of the students who were permitted to go abroad with fellowship for research, as detailed below:

Student's 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)
Meena Kumari	50BB17A08032	CSIR-CFTRI	DAAD Fellowship	Max Delbrück Centre for Molecular Medicine, Berlin (01.10.2021 to 30.09.2022)
Ekata Saha	10CC16A16007	CSIR-CSMCRI	Newton-Bhabha PhD Placement Programme.	University of Glasgow, Glasgow, UK (17.09.2021-28.12.2021)
Priyanshu Goel	30EE15A15001	CSIR-CSIO	Herz Fellow in Zukunft Kollege	University of Konstanz, Germany (03.02.2021 -04.02.2022)
Sawmya Sharma	10BB17A02027	CSIR-IGIB	Fulbright-Nehru Doctoral Research Fellowship Program 2021-22	Sanford Research, United States (06.10.2021 to 05.07.2022)

Student's Name	Enrollment No.	CSIR Lab	Fellowship	Location and Period of visit
Indradev	10BB16A22004	CSIR-IITR	Cancer Research Training	Health Research Incorporated, New York (01.12.2021 to 31.05.2022 (6 months))
Saruchi Wadhwa	10BB20A02021	CSIR-IGIB	EMBO scientific exchange short term placement	University of Helsinki, Finland (01.12.2021 to 28.02.2022)
Arya Das	10PP18A36005	CSIR-IMMT	SERB-OVDF Fellowship	Purdue University, USA (from January 2022 for 1 year)
Ekansh Agarwal	20EE18A01003	CSIR-CBRI	SERB-OVDF Fellowship	Purdue University, USA (from January 2022 for 1 year)
Lalit Maurya	20EE17A15018	CSIR-CSIO	Commonwealth Split-Site Fellowship Program	Aberystwyth University, United Kingdom (01.03.2022 to 28.02.2023)
Aarushi	10PC20A15003	CSIR-CSIO	IGSTC PhD Industrial Exposure Fellowship (PIEF)	Indo-German Science & Technology Centre Germany, (15.05.2022 to 15.11.2022 (6 months))
Yamini Mittal	20EE17A36010	CSIR-IMMT	IGSTC PhD Industrial Exposure Fellowship (PIEF)	Indo-German Science & Technology Centre, Germany (20.04.2022 to 20.10.2022 (6 months))
Jogendra Kumar	10CC17A16007	CSIR-CSMCRI	Research Scholar	Ruhr-Universität Bochum (RUB), Germany 19 June to 02 July, 2022

Item No. 13: Extension of the maximum tenure for PhD for students of January & August 2014, January & August 2015, January & August 2016 Batches – Updates: The Senate took note of the grant of further additional time for the submission of PhD thesis to the batches of students enrolled for the AcSIR-Ph.D Program in January & August 2014, January & August 2015 and January & August 2016 admission sessions, in consideration of the interruptions in the research and academic activities faced by AcSIR Ph.D students due to the second wave of COVID-19 pandemic, as detailed below:

PhD Enrolment Batch	Earlier approved extended deadline for thesis submission	Deadline of thesis submission with the grant of additional time	Extended Deadline of thesis submission with the grant of additional time
January 2014	August 07, 2021	January 07, 2022 (OM dated June 22, 2021)	June 30, 2022 (OM dated January 04, 2022)
August 2014	August 07, 2021 (OM dated 17.07.2020)	January 07, 2022 (OM dated June 22, 2021)	August 07, 2022 (OM dated January 04, 2022)
January 2015	-	January 07, 2022 (OM dated 30.12.2020)	August 07, 2022 (OM dated 12.10.2021)
August 2015	-	January 07, 2022 (OM dated 03.03.2021)	August 07, 2022 (OM dated 12.10.2021)
January 2016	-	January 07, 2023 (OM dated 16.11.2021)	-
August 2016	-	January 07, 2023 (OM dated 16.11.2021)	-

The Senate also took a note of the following:

Note 1: The above-mentioned deadlines are not applicable to the PhD students who have availed or are presently on academic break and their deadlines would be determined on a case-to-case basis depending on the duration of the academic break or other approved extensions availed;

Note 2: The deadline of PhD thesis submission for students, who have already completed their Pre-Thesis Open Colloquium (PTOC), will be the date of completion of six months after clearance of their PTOC, or any extended time approved by the competent authority of AcSIR, or January 07, 2021, whichever is earlier.

Item No. 14: 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, as detailed below:

Student's Name	Enrollment No.	CSIR Lab	AcSIR Supervisor	Inclusion of Co-supervisor
Yogita Singh	20EE19A15042	CSIR-CSIO	Dr. Navneet Singh Aulakh	Dr. Inderdeep Aulakh, Associate Professor, UIET, Panjab University, Chandigarh
Vikash Chandra	20EE19J15027	CSIR-CSIO	Dr. Bhargab Das	Dr. Goutam Sheet, IISER, Mohali
Varsha B	20EE20A15011	CSIR-CSIO	Dr. Sanjeev Verma	Dr. S Senthil Kumaran, Professor, AIIMS, New Delhi
Sujan Kumar Mohanty	20EE21J36001	CSIR-IMMT	Dr. Satyajit Rath	Dr. Rakesh Ch. Balabantaray, Associate Professor, IIT Bhubaneswar
Om Prakash	10BB20J33022	CSIR-IHBT	Dr. Sanjay Uniyal	Dr. Ranbir Singh Rana, CSKHPKV, Palampur
Isha Goyal	20EE21A15005	CSIR-CSIO	Dr. Pooja Devi	Dr. Dinesh Jagadeesan, IIT, Palakkad
Dhruva Rajesh Khanzole	20EE20A15020	CSIR-CSIO	Dr. Ranjan Jha	Dr. Damien Chablat Directeur de Recherche CNRS LS2N, Centrale Nantes
B S Manisha Singh	10BB20A36007	CSIR-IMMT	Dr. N K Dhal	Dr. Dina Krushna Mohapatra (Head, Safety Research Institute, IGCAR- Kalpakkam)
Agniv Adhikari	20EE20A09001	CSIR-CGCRI	Dr. Somnath Bandopadhyay	Dr. Abhik Mukherjee, IEST, Shibpur
Abhishek Raj	32EE18A27009	CSIR-NEERI	Dr. Avneesh Anshul	Dr. Manish Kumar, Assistant Professor, ARSD College, University of Delhi
Bandana Jethy	20EE21A36003	CSIR-IMMT	Dr. Sisir Mantry	Dr. Dipti Ranjan Biswal, KIIT Bhubaneswar
Amanpreet Kaur Benipal	20EE20A12017	CSIR-CMERI	Dr. Krishnendu Kundu	Dr. Anil Sood, PRSC Ludhiana
Rahul Arya	10CC20A32013	CSIR-NPL	Dr. Tuhin Kumar Mandal	Prof. Ulrike Dusek, Associate Professor, University of Groningen, the Netherlands
Prabhjot Kaur	20EE20A15004	CSIR-CSIO	Dr. Rishemjit Kaur	Dr. P K Khosla, Executive Director, CDAC Mohali
Tapas Kumar Sahoo	10PP21A36012	CSIR-IMMT	Dr. Rajakishore Sahoo	Dr. Sushant Kumar Badjena, Associate Professor & Head, VSSUT, Burla
Debadutta Sahoo	10PP20A36005	CSIR-IMMT	Dr. Alok Tripathy	Dr. Devananda Beura, Head, PG Dept. of Geology, Utkal University, Bhubaneswar
Bikram Kumar Parida	10BB20A36001	CSIR-IMMT	Dr. Satyajit Rath	Dr. Sukanta Kumar Pradhan, Head, Orissa University of Agriculture & Technology
Swagatika Mohanty	10PP20A36001	CSIR-IMMT	Dr. Manju Unnikrishnan	Dr. Dinesh Topwal, Institute of Physics, Bhubaneswar
Debidutta Debasish	20EE21J36005	CSIR-IMMT	Dr. Ashok Kumar Sahu	Dr. Sudhansu Sekhar Sahoo, College of Engineering & Technology, Bhubaneswar
Sadaf Fatima	10PP16A32016	CSIR-NPL	Dr. Sumit Kumar Mishra	Dr. Siva Parveen Puppala, ICIMOD, Nepal
Rajesh Kumar Mandal	20EE20A36004	CSIR-IMMT	Dr. Prabhas Chandra Beuria	Dr. Prasanta Kumar Satapathy, College of Engineering & Technology, Bhubaneswar
Mahendra Kumar Sahoo	10PP21A36013	CSIR-IMMT	Dr. Sisir Mantry	Dr. D K Mishra, SOA University
Kaushlesh Singh Shakya	20EE19A15015	CSIR-CSIO	Dr. Amit Laddi	Dr. Manoj Kumar Jaiswal, PGIMER, Chandigarh

Student's Name	Enrollment No.	CSIR Lab	AcSIR Supervisor	Inclusion of Co-supervisor
Gourav Sharma	10PC19J15002	CSIR-CSIO	Dr. Sanjeev Soni	Dr. Vikrant Khullar, Thapar University, Patiala
Deepak Kumar	20EE20A15022	CSIR-CSIO	Dr. Abhay Sachdev	Dr. Ishita Matai, Amity University, Mohali
Deepak Khurana	10CC20A19021	CSIR-IIP	Dr. Tuhin Suvra Khan	Dr. M. Ali Haider, IIT Delhi
Subhra Bajpai	20EE21J36004	CSIR-IMMT	Dr. Ashok Kumar Sahu	Dr. Pramod Kumar Parida, Associate Professor, Orissa University of Technology and Research
Parul	20EE18J15010	CSIR-CSIO	Dr. Sanjeev Kumar	Dr. Manfredo Atzori, University of Applied Sciences, Western Switzerland, Sierre, Switzerland
Soumya C	10BB20J08024	CSIR-CFTRI	Dr. Vanitha Reddy	JSS AHER, Mysuru
Amaanuddin Azad	20EE21A27009	CSIR-NEERI	Dr. Avneesh Ansul	Dr. Albert Thomas, IIT, Mumbai
Sneha	32EE21A27005	CSIR-NEERI	Dr. R. J. Krupadam	Prof. B R Gurjar, IIT, Roorkee
Nisha Yadav	20EE21A15009	CSIR-CSIO	Prof. S. Anantha Ramakrishna	Prof. Kumar Vaibhav Srivastava, IIT, Kanpur
Shagaf M Ansari	10CC20A37008	CSIR-IIIM	Dr. Bhahwal Ali Shah	Dr. Pankaj Chauhan, IIT, Jammu
P Harikrishna Reddy	10CC21A36007	CSIR-IMMT	Dr. T. Pavan Kumar	Dr. Lokesh S Pawar, Associate Director, Aragene Life Sciences Ltd. Hyderabad
Gaurav Shahi	32EE20A12002	CSIR-CMERI	Dr. Suman Saha	Dr. Jagat Jyoti Rath, Associate Professor, IITRAM, Gujarat

Item No. 15: Affiliation granted by AcSIR through Agreements: (i) National Institute of Biologicals, Noida; (ii) Wildlife Institute of India, Dehradun; (iii) Tata Institute of Genetics and Society, Bengaluru: The Senate took note of the affiliation granted to the following non-CSIR Institutes of repute, on recommendation of the Chairman, Senate and the Director, AcSIR and approval of the Chairman, BoG, as per details provided below:

Sl. No.	AcSIR Associate Academic Centres	Term	Date of Agreement
1	National Institute of Biologicals (NIB), Noida	5 years	28.02.2022
2	Wildlife Institute of India (WII), Dehradun	5 years	07.03.2022
3	Tata Institute of Genetics and Society (TIGS), Bengaluru	5 years	To be signed

Item No. 16: Initiation of Joint PhD Degree Programs through Agreements with: (i) University of Western Australia, Australia; (ii) National Institute of Ayurveda, Jaipur; and (iii) Institute of Teaching and Research in Ayurveda, Jamnagar: The Senate took note of the Agreements signed with degree awarding universities/ institutes for Joint PhD Degree Program, for five years from the date of signing of the Agreements, under the cotutelle mode with:

Sl. No.	University/Institute	Date of Agreement
1	University of Western Australia, Australia	29.03.2022
2	National Institute of Ayurveda, Jaipur	21.04.2022
3	Institute of Teaching and Research in Ayurveda, Jamnagar	21.04.2022

Item No. 17: Induction of Academy Professors: The Senate took note of the approval granted by the Chairman, Board of Governors for induction of the following six eminent scientists, on recommendation of the Director, AcSIR for the award of Academy Professor of AcSIR:

1. **Prof. Shekhar C. Mande**, Eminent Structural Biologist and Overall Research Leader;
2. **Prof K. VijayRaghavan**, World Renowned Developmental Biologist and Research Leader;
3. **Dr. A.V. Rama Rao**, Pioneering Medicinal Chemist and Niche Area Pharmaceutical Industry Leader;
4. **Dr. Krishna Ella**, well known scientist, innovator and entrepreneur in indigenous vaccine development and production;
5. **Dr. Swati Ajay Piramal**, Director Piramal Foundation with pioneering contribution to public health and community education;
6. **Dr. Surendra Pal**, Distinguished Scientist with pioneering contributions in the satellite-based navigation technology of multiple applications for society.

Item No. 18: Updated information on strength and status of faculty members of AcSIR: The Senate noted the updates in the list of faculty members of AcSIR based on the information received from the AcSIR Academic Centres due to recruitments, promotions, superannuation, resignations etc. of CSIR Scientists, since the 28th Senate Meeting. The Senate was also appraised that, the information had been updated on the AcSIR website with approval of the Chairman, Senate.

The Senate was further informed by the Chairman that currently, a total of 2601 scientists from AcSIR Academic Centres (i.e., CSIR Labs) and 120 scientists from AcSIR Associate Academic Centres (non-CSIR Institutes), are recognized Faculty members of AcSIR, as detailed below:

CSIR Scientists and Scientists from Associate Centres recognized as AcSIR Faculty	Current number
Assistant Professors	1422 + 77 at Associate Centres = 1499
Associate Professors	597 + 31 at Associate Centres = 628
Professors	526 + 12 at Associate Centres = 538
Outstanding Professors	25
Emeritus Professors	31
TOTAL	2721

ITEMS FOR RATIFICATION

Item No. 19: Recognition of Adjunct Faculty at CSIR-NCL and CSIR-IGIB: The Senate ratified the decision of the Chairman, Senate for the recognition of the following Scientists as Adjunct Faculty of AcSIR, as detailed below:

CSIR-NCL	Dr. Gautam Chatterjee	Founder and Head, Idea2Impact, Bangalore	3 years from 30.03.2022
CSIR-NCL	Dr. Ramki Subramanian	Managing Director and Global Director for Mobility, DowAksa USA LLC	3 years from 30.03.2022
CSIR-NCL	Dr. Geetanjali Date	Consultant, NCL Research Foundation	3 years from 30.03.2022
CSIR-IGIB	Dr. B. Suresh Krishna	Associate Professor at Department of Physiology, McGill University, Germany.	3 years from 18.08.2021

Item No. 20: Student selection and admission for PhD programs of AcSIR for August 2021 and January 2022 sessions: The Senate ratified the selection of **1832** students have been selected for PhD program (**1570** students for PhD Science and **258** students for PhD-Engineering) and **78** students were selected for the **Integrated Dual Degree (MTech-PhD) Program (IDDP)**, at **35 CSIR Labs** and **10 Associate Centres** of AcSIR, as detailed below:

August 2021 Admission session

Sl. No.	Faculty	No. of candidates selected	Confirmation of Admission
1.	Biological Sciences	422	275
2.	Chemical Sciences	363	173
3.	Physical Sciences	181	90
4.	Mathematical & Information Sciences	16	2
5.	Engineering Sciences	110	70
6.	IDDP	64	34
TOTAL		1156	644

January 2022 Admission Session

Sl. No.	Faculty	No. of candidates selected	Confirmation of Admission
1.	Biological Sciences	303	156
2.	Chemical Sciences	191	110
3.	Physical Sciences	88	35
4.	Mathematical & Information Sciences	6	5
5.	Engineering Sciences	74	51
6.	IDDP	14	9
TOTAL		676	366

Further, the Senate ratified the deferred joining of students selected in August 2021 and session and joining 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. 21: Student selection for MTech programs of AcSIR for August 2021 session: The Senate ratified the selection of 43 students (and confirmation of admission received from 12 students) for the M.Tech programs at three CSIR Laboratories (CSIR-CMERI, CSIR-CSIO, CSIR-NCL) for the academic session August 2021, as detailed below:

AcSIR Academic Centre (CSIR Lab)	Program Name: M.Tech	No. of candidates selected	Confirmation of Admission
CSIR-CMERI, Durgapur	<ul style="list-style-type: none"> • Mechatronics • Farm Machinery and Power Engineering • Design of Machinery and Equipment 	19	3
CSIR-CSIO, Chandigarh	<ul style="list-style-type: none"> • Advanced Instrumentation 	13	1
CSIR-NCL, Pune	<ul style="list-style-type: none"> • Chemical Engineering • Computational Biology & Bioengineering • Polymer Science and Engineering 	11	8
Total		43	12

Item No. 22: Student selection for Integrated MSc-PhD program in Clinical Research, Health Informatics and Masters in Public Health at AcSIR-PHFI: The Senate ratified selection of **21, 10 and 62 students** in the Masters' programs offered by PHFI in *Clinical Research, Health Informatics, and Masters in Public Health*, respectively for the August 2021 session, out of which, 11, 03 and 53 students have joined their respective programs.

Item No. 23: Student selection for MSc Program at CSIR-NISCAIR and MSc Program at CSIR-CFTRI for August 2021 session:

The Senate ratified the selection of students for the following MSc program for August 2021 session:

- (i) Science & Technology Communication at CSIR-NISCAIR: selection of 15 students out of which 06 students have joined the program;
- (ii) Food Technology at CSIR-CFTRI: selection of 30 students

Item No. 24: Student selection for Post Graduate Diploma programs for August 2021 session: The Senate ratified the selection of students for the following Post Graduate Diploma program for August 2021 session:

- (i) Patinformatics at CSIR-URDIP: selection of 16 students out of which 08 have joined;
- (ii) Advanced Manufacturing Technology at CSIR-CMERI: selection of 19 students out of which 5 have joined;
- (iii) Precision Measurement and Quality Control at CSIR-NPL: selection of 16 students out of which 5 have joined.

Item No. 25: Results and award of PhD Degrees in Science and Engineering: The Senate ratified the results of 447 students (since the 28th meeting held on July 09, 2021) who had completed all the academic requirements for the award of PhD degree, including the successful completion of the viva voce examination, upto May 11, 2022.

The Senate noted that since inception of AcSIR, 3108 PhD Degrees had been awarded by it (till May 11, 2022).

Item No. 26: Results and award of MTech Degrees – 2019-2021 batch: The Senate ratified the result of 04 students of M.Tech program, 2 each from CSIR-CSIO and CSIR-CEERI.

Item No. 27: Results and award of Masters' Degrees – 2019-2021 batch: The Senate ratified the results of the M.Sc 2019-2021 batch for the following programs:

- (i) Integrated MSc-PhD program in 'Clinical Research' at PHFI, Delhi: results of 05 students. There were no students for the MSc Food Technology Program at IIPH, Hyderabad for the 201-2021 session;
- (ii) Integrated MSc Program in 'Science & Technology Communication' at CSIR-NISCAIR: results of 04 students;
- (iii) MSc Program in 'Food Technology' at CSIR-CFTRI: results of 30 students.

Item No. 28: 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. 29: Course related: New and Modifications: The Senate ratified the introduction of new courses and modifications of existing courses at various academic centres, as approved by the Chairman, Senate on recommendation of the Chairman, 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
DST-WIHG	CSIR-NPL	CSIR-CCMB
CSIR-NCL		CSIR-NPL
CSIR-CCMB		
DST-INST		
CSIR-NPL		
Course 3: Advanced Courses		
Introduction of new courses	Modification of existing Course	Discontinuation of Courses
CSIR-NAL	CSIR-CIMFR	CSIR-NCL
DST-WIHG		CSIR-CCMB

CSIR-NCL		CSIR-NPL
CSIR-CECRI		
CSIR-CCMB		
DST-INST		
Integrated Dual Degree Ph.D. Program (IDDP) in Engineering at AcSIR CSIR-IMMT, Bhubaneswar		
Credit requirements (70 Credits)		
a. Course 1-Research Methodology and Research Publication and Ethics:6 credits		
b. Coursework requirement (b1+b2+b3) of minimum 32 credits		
b1: Course 2- Inter-disciplinary Learning of 4 credits+		
b2: Course 3 of 4 credits- Advanced topics		
b3: Remaining 24 credits from Course 2 and Course 3		
c. Course 4- Societal Program:4 credits (as mandatory)		
d. Course 5- Mini Project: 4 credits (as mandatory)		
e. Research Credits (Project): 24 credits (as mandatory)		
M.Sc: Food Technology at CSIR-CFTRI		
Modification of MSc Food Technology Course Structure		
Semester 1	20 credits, mandatory	
Semester 2	20 credits, mandatory	
Semester 3	20 credits, mandatory	
Semester 4	20 credits, mandatory	4 course credit + 16 credits Project
Master in Public Health in IIPH, Delhi		
Semester 1	16 credits, mandatory	
Semester 2	16 credits, mandatory	
Semester 3	16 credits, mandatory	
Semester 4	16 credits, mandatory	16 credits Project

Item No. 30: AcSIR Best PhD Thesis Award 2019 and 2020: The Senate ratified the award of 10 Best PhD Thesis Award for the academic session 2019 and 12 Best PhD Thesis Award for the academic session 2020.

Item No. 31: Minutes of the 19th meeting of Finance Committee: The Senate ratified the Minutes of the 19th meeting of the AcSIR Finance Committee held on March 22, 2022.

ITEMS FOR APPROVAL

Item No. 32: Expression of Interest (Eoi) received from Max Institute of Medical Excellence, New Delhi for affiliation as Associate Academic Centre of AcSIR: The Senate was appraised about the proposed academic affiliation of Max Institute of Medical Excellence for Masters' in Public Health and PhD program, for which a Committee was formed by the Director, AcSIR to review the proposal. The Committee had a few observations, which were responded by Max Institute. The Senate, at this meeting, further requested clarification regarding the nature of agreement/association of the identified external faculty in their Department of Public Health of Max Institute.

The Senate agreed in principle, that the proposal for academic affiliation by Max Institute of Medical Excellence may be considered subject to the redressal of the clarification. The Senate authorized the Chairman, Senate to take a decision favorably on the matter if the clarification provided by the Max Institute of Medical Excellence on the query is satisfactory.

Item No. 33: Award of PhD Degree – Posthumously: Since AcSIR does not have any specific rules or procedure for award of PhD Degree posthumously, the Senate considered and approved, as a special case, the award of the Ph.D degree posthumously to Late Mr. Vipul Pandey of CSIR-CEERI (30EE15A06009), subject to recommendation by the Dean, Engineering Sciences, after reviewing the external examiner's Reports. The Degree may be awarded on the basis of the recommendation of the Dean and the approval of the Chairman, Senate, without the viva voce examination. The Senate further recommended that the posthumous nature of the PhD Degree awarded may be indicated on the degree certificate.

Item No. 34: Introduction of 'Faculty of Agricultural Sciences' in AcSIR: The Senate noted the recommendation of the Committee formed by the Director, AcSIR to consider the creation of the 'Faculty of Agricultural Sciences', in AcSIR from the next academic semester. It was recommended by the Senate, that the institutes, desirous of enrolling PhD students under this faculty, should introduce PhD courses related to the "Faculty of Agricultural Sciences" and also identify the teaching faculty for these courses in their institute. The Senate approved the proposal for introduction of Faculty of Agricultural Sciences in AcSIR, subject to the approval of the Board.

Item No. 35: Change in Nomenclature of 'Conversion to Part Time PhD after PTOC' into 'Exemption from Physical Presence at the AcSIR Campus after successful completion of PTOC': The Senate was appraised of the current provision of conversion to "Part-Time PhD after clearance of PTOC" (PhD Open Colloquium), which is rather a misnomer, since all academic programs in AcSIR are full-time in nature. The Senate approved that the current nomenclature in use of 'Conversion to Part Time PhD after PTOC' for the students who seek exemption from regular attendance at the academic centres after completion of PTOC and after minimum 3 years of PhD residency, may be changed to "Exemption from Physical Presence at the Campus (EPPC), i.e., at the AcSIR Academic Centre/R&D Institute of Work. However, availing the EPPC, does not exempt the student from fulfilment of compliances w.r.t. their respective fellowships and such students would have to continue to abide by the respective institutional/ funding agency rules applicable for the fellowship, on physical attendance at the Campus.

Item No. 36: Associate Professor of University/IIT/IISER system /Senior Scientist of CSIR/ Scientist D of other R&D Institutes or higher positions, as the external examiners of the PhD thesis of the student: The Senate considered the proposal and accepted that in the interest of a fair and matured evaluation of the PhD thesis of the student, the external examiners should be at least of the level of Associate Professor of the University/IIT/IISER system or a Senior Scientist (CSIR system) or Scientist-D (other R&D Institutes). In exceptional cases, where an "Assistant Professor" (University/IIT/IISER system) or Scientist (CSIR system) or Scientist-C (other R&D Institutes) are proposed as an external examiner of a PhD thesis of a student, proper justification should be given by the Supervisor(s) for inclusion of such an examiner in the panel in terms of his/her unique professional merit or necessity.

The Senate further approved that henceforth, the supervisor may propose 6 to 8 (minimum 6 and maximum 8) experts as external examiners of PhD thesis.

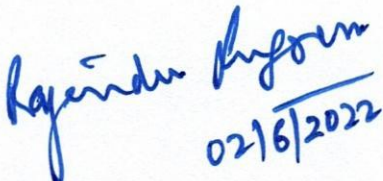
It was also emphasized that the Deans may improve the frequency of exercising their powers to add and recommend potential examiners outside the suggested list, for the advantage of improved quality of evaluation of PhD thesis.

Item No. 28 Any other Item with permission of the Chair:

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

- (i) It has been observed that in many instances, proposed DAC members of AcSIR PhD thesis are not PhD Degree holders. The Senate approved that all the DAC members of AcSIR PhD students need to be PhD Degree holders. A proper justification of scientific strength has to be provided for inclusion of a non-PhD faculty as a DAC member along with his/her academic CV for prior approval of the Dean of the faculty.

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


02/6/2022
(Rajender S. Sangwan)
Chairman, Senate