

Proceedings of the 31st Meeting of the Senate

The 31st meeting of the Senate of the Academy of Scientific and Innovative Research (AcSIR) was held on November 01, 2023 at 14:30 hrs. through hybrid mode at AcSIR Headquarters, Ghaziabad. The meeting was attended by the following members:

Sl.	Name	
1	Prof. Manoj Kumar Dhar , Director, AcSIR	Chairperson
2	Prof. Ajay Dhar , Associate Director, AcSIR	Member
3	Prof. R.K. Sinha , Vice Chancellor, Gautam Buddha University, Greater Noida	Member
4	Prof. Ajay Agarwal , Professor, Department of Electrical Engineering IIT Jodhpur	Member
5	Prof. Haripriya Gundimeda Professor, Dept of Humanities and Social Sciences, IIT Bombay	Member
6	Prof. Sridevi Annapurna Singh , Director, CSIR-CFTRI	Member
7	Prof. Sridevi Jade , Head, CSIR-4PI	Member
8	Prof. G. Narhari Sastry , Director, CSIR-NEIST	Member
9	Prof. Annapoorni Subramanian , Delhi University	Member
10	Prof. Ramanuj Narayan , CSIR-IICT & Dean, Chemical Sciences	Member
12	Prof. Naresh Chandra Murmu CSIR-CMERI & Dean, Engineering Sciences	Member
13	Prof. Saman Habib , CSIR-CDRI & Dean, Biological Sciences	Member
14	Prof. Danda Srinivas Rao , CSIR-IMMT & Dean, Physical Sciences	Member
15	Dr. Binoy Kumar Saikia , CSIR-NEIST	Member
16	Dr. Divya Tej Sowpati , CSIR-CCMB	Member
17	Dr. Achu Chandran , CSIR-NIIST	Member
19	Prof. Mahesh Kulkarni , CSIR-NCL & Associate Dean, Biological Sciences	Member
20	Prof. CH Suresh , CSIR-NIIST & Associate Dean, Chemical Sciences	Member
21	Dr. Neerja Garg , CSIR-CSIO & Associate Dean, Mathematical & Information Sciences	Member
	Ms. Arpita Sengupta , Sr. Manager, AcSIR	<i>Non-Member Secretary</i>

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

Prof. C.S. Gopinath, Prof. Munia Ganguli, Prof. Manik Varma and Dr. Amol Arvindrao Kulkarni 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 and update on major activities by the Chairperson, Senate

Prof. Manoj Kumar Dhar, Chairperson, Senate, AcSIR extended a warm welcome to all the Senate members and briefly updated the Senate on the various activities of AcSIR since the last meeting.

Item No. 2: Confirmation of the Proceedings of the 30th meeting of the Senate: The proceedings of the 30th meeting of the Senate, held on February 13, 2023, were circulated among the members of the Senate by e-mail on February 28, 2023 for comments/ observations. The comments received from the members were appropriately incorporated and the Minutes were approved by the Chairperson and circulated on March 13, 2023. The Senate confirmed the Minutes of the 30th meeting of the Senate.

Item No. 3: Action Taken Report (ATR) on the 30th Meeting of the Senate: The Senate members were updated about the actions taken with respect to the decisions of the 30th 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) **#3(i): Proposal for introduction of new Faculties of Study in Pharmaceutical Sciences:** The Senate took note that the matter is under active consideration now;
- (ii) **#3(ii): Introduction of 'Faculty of Agricultural Sciences' in AcSIR:** The Senate took note of the committee constituted under Chairpersonship of Dr. A.K. Shasany, Director, CSIR-NBRI (vide OM No. AcSIR/8/1(1)-2023 dated June 19, 2023) to frame coursework for this faculty of study and the recommendations of the Committee, which had met on September 21, 2023, are being currently finalized;
- (iii) **#30: Resolution of introducing a one-time application fee and a yearly continuity fee from Institutes/ Trusts seeking academic affiliation with AcSIR:** The Senate noted that this matter is currently not under consideration in view of the approval received from the Board of Governors on the fee sharing model for non-CSIR Institutes affiliated as Associate Academic Centres of AcSIR through Agreement (Item No. 9.27 of BoG);

The Senate took note of the status of all the actions taken, with reference to the decisions taken during the 30th meeting of the Senate.

FOR INFORMATION OF SENATE

Item No. 4: Minutes of the 22nd meeting of the Finance Committee

As per provisions of the AcSIR Statute 37, the Senate took note of the recommendations of the 22nd meeting of the Finance Committee, held on May 16, 2023, which received approval of the Chairperson, Senate and placed to the AcSIR Board of Governors at its 9th meeting held on September 05, 2023 for approval.



The Senate noted the approvals accorded by the Board, as detailed below:

(i) Revision of PhD Thesis submission fee and Honorarium for External examiners for evaluation of PhD Thesis (Item No. 9.24 of BoG)

The Board approved the revision of the following fee structure:

1. The revised Thesis Submission Fees for the Regular Candidates: Rs. 10,000/-, effective 09.01.2023;
2. The revised Thesis Submission Fees for the Sponsored Candidates: Rs. 30,000/-, effective 09.01.2023;
3. Honorarium payable to the External Examiners for PhD Thesis evaluation and conduct of viva-voce examination, to remain Rs. 4,000 each. The Digital Communication Allowance of Rs. 2,000/- for conduct of viva voce through online mode discontinued from 01.04.2023.

(ii) Introduction of various fees and amendments in existing fees for the services provided by AcSIR (Item No. 9.25 of BoG)

The Board approved the recommendation of the AcSIR Finance Committee (22nd meeting, May 16, 2023, Item No. 7) with minor modifications, of the following fee structure:

Item	Fee	Processing Time	Remarks
Application Fee for Admissions	For General/OBC/EWS: Rs. 1,000 For Women Candidates: Rs. 500 For SC/ST/PWD: Rs 500	N.A	Approved: Implemented for applications for January 2024 session
Verification of Degree Certificate/ Grade Cards etc.	India: Rs. 3000/- Abroad: US\$ 150	07 working days	Approved: Verification Fee for AcSIR Graduates appointed in any CSIR Laboratory: waived off
Certificate of Medium of Instruction/ Migration Certificate	India: Rs 1000/- Abroad: US\$ 50	07 working days	Approved

(iii) One-time Financial Assistance for thesis writing to PhD students of AcSIR not having any financial support (Item No. 9.26 of BoG):

The Board approved the introduction of a One-time Financial Assistance of Rs. 10,000/- to be paid only after completion of Pre-Thesis Open Colloquium (PTOC), for thesis writing to PhD (Engineering) students of AcSIR not having any financial support. The Board further approved that the same assistance may be extended to the students in PhD (Science) who have never had any financial support during the entire tenure of their PhD research. All students who are still continuing or have cleared PTOC but not submitted, will be eligible.

(iv) Fee sharing model for non-CSIR Institutes affiliated as Associate Academic Centres of AcSIR through Agreement (Item No. 9.27 of BoG):

The Board approved the following uniform Tuition Fee sharing model for non-Government Institutes, as detailed below:

Sl.	Fee Sharing Model for non-Government Institutes:
1.	<p>Masters' Program: Tuition fees from the students of the Masters' program shall be collected directly by the Institute based on the rates approved by the concerned management. AcSIR shall receive a 40% share of the tuition fees or equivalent semester fee for sponsored candidates, whichever is higher, as administrative and operational charges.</p>
2.	<p>PhD Program: Semester Tuition fees for the PhD program will be charged directly by AcSIR from the students following the approved rates and procedures of AcSIR from time to time. The concerned institute is to transfer an equal matching amount of semester tuition fees chargeable per student, directly to AcSIR.</p>

The Senate took note of the clarification of the Board that such non-Government institutions with whom AcSIR has already entered into agreements on dates prior to the effective date of this decision, be allowed to continue under the agreed existing conditions of fee sharing detailed in the Agreement.

ITEMS FOR RATIFICATION

Item No. 5: Change of faculty/discipline of study of AcSIR PhD students: The Senate ratified the approval accorded by the Chairperson, Senate on change of subject faculty of PhD enrollment, for the following students:

CSIR-Lab	Name of the Student	Faculty	Enrollment No.	Changed Faculty	Revised Enrollment No.
CSIR-IICT	Sandeep Vaidya	Biological Sciences	10BB19A18062	Chemical Sciences	10BC19A18041
CSIR-CSIO	Jyoti Jangra	Physical Sciences	10PP22A15010	Chemical Sciences	10PC22A15002
CSIR-CDRI	Diwan Chand	Biological Sciences	10BB23J04070	Chemical Sciences	10BC23J04020
CSIR-CECRI	Arun Muthu Kumar P	Chemical Sciences	10CC23J05003	Engineering Sciences	20CE23J05001
CSIR-CSIO	Amandeep kaur	Physical Sciences	10PP22A15004	Biological Sciences	10PB22A15001
CSIR-CSMCRI	Palindhi Verma	Physical Sciences	10PP20A29011	Biological Sciences	10PB20A16011
CSIR-CSIO	Jiya Mary George	Physical Sciences	10PP23J15008	Chemical Sciences	10PC23J15001
CSIR-CMERI	Madhusudhan Karmakar	Chemical Sciences	10CC23A12005	Mathematical & Information Sciences	10CM23A12001

Item No. 6: PhD Students availing Academic Break: The Senate ratified the approvals accorded by the Chairperson, Senate to the following students availing one-time Academic Break:

Lab	Student	Faculty	Registration No.	Academic Break From	Academic Break Upto
CSIR-CEERI	Surendra Singh Patel	Engineering Sciences	20EE17A06002	01.03.2022	28.02.2023 and extended upto 01.03.2024
CSR-NPL	Sagar	Chemical Sciences	10CC21A32008	01.03.2023	28.02.2025
CSIR-NPL	Pooja	Physical Sciences	10PP21A32023	09.03.2023	08.03.2025
CSIR-NEERI	Ankita Singal	Biological Sciences	10BB21J27005	05.03.2023	04.03.2025
CSIR-NBRI	Deep Narayan	Biological Sciences	10BB21J25056	27.02.2023	26.02.2025
CSIR-CFTRI	Neelam Prabha	Biological Sciences	10BB20J08027	21.09.2022	01.03.2023 extended upto 01.06.2023
CSIR-NML	Shivam Kumar	Engineering Sciences	20EE18A31003	01.10.2021	31.03.2023 extended upto 30.09.2023
CSIR-NIIST	Sreenandu P H	Chemical Sciences	10CC21A39019	01.03.2023	28.02.2025
CSIR-NGRI	Vanga Mounika	Physical Sciences	10PP19A28017	10.05.2023	09.05.2025
CSIR-NGRI	Rajeev Kumar	Physical Sciences	10PP19A28016	31.05.2023	30.05.2025
CSIR-CSMCRI	Ajeet Singh	Biological Sciences	10BB21A16004	24.04.2023	22.04.2025
CSIR-NGRI	Fauzia	Physical Sciences	10PP18A28006	14.01.2023	08.09.2023
CSIR-CFTRI	Shree Raksha S	Biological Sciences	10BB19A08019	01.04.2023	31.12.2023
CSIR-CSMCRI	Amishwar Raysing Shelte	Chemical Sciences	10CC20A16019	01.08.2023	31.07.2024
CSIR-CMERI	Santanu Jana	Engineering Sciences	32EE19A12015	01.08.2023	31.07.2024
CSIR-IHBT	Kanchan Yadav	Biological Sciences	10BB17A33003	06.07.2022	06.09.2023 extended upto 06.12.2023
CSIR-NCL	Pooja Bapurao Fulare	Chemical Sciences	10CC19J26026	Aug 24, 2023	Aug 23, 2024
CSIR-CSIO	Vikas Kumar	Engineering Sciences	20EE18J15015	10.10.2023	09.10.2024
CSIR-CSIO	Abhimanyu	Physical Sciences	10PP20A15016	03.04.2023	02.04.2025
CSIR-NCL	Shivdeep Suresh Deshmukh	Chemical Sciences	10CC19J26012	26.09.2023	25.09.2024

Item No. 7: Inter-Institutional Transfer of AcSIR PhD students: The Senate ratified the approval accorded by the Chairperson, Senate on inter-institutional transfers of the following students:

Name of the Student	Faculty	Enrolment No.	CSIR Lab		Revised Enrollment No.
			From	To	
Gaurav Prajapati	Biological Sciences	10BB23J25022	CSIR-NBRI	CSIR-CDRI	10BB23J04094
Krishan Chandra Shukla	Biological Sciences	10BB23J10005	CSIR-CIMAP	CSIR-CDRI	10BB23J04093
Laxmikant Gangnale	Chemical Sciences	10CC20J26003	CSIR-NCL	CSIR-IICT	10CC20J18048
Mahima Kapoor	Biological Sciences	10BB21J26011	CSIR-NCL	CSIR-IGIB	10BB21J02004
Karanveer Singh	Engineering Sciences	20EE22J15001	CSIR-CSIO	DST-INST	20EE22J67001
Begom Rifah Samia	Biological Sciences	10BB22A16012	CSIR-CSMCRI	CSIR-NEIST	10BB22A38024
Mukul Dutta	Biological Sciences	10BB18A04013	CSIR-CDRI	CSIR-IICB	10BB18A17013
Vikaskumar Gond	Chemical Sciences	10CC20A04026	CSIR-CDRI	CSIR-NEIST	10CC20A38001
Palindhi Verma	Physical Sciences	10PP20A29011	CSIR-NIO	CSIR-CSMCRI	10PB20A16011
Urvashi	Biological Sciences	10BB20A33027	CSIR-IHBT	CSIR-CIMAP	10BB20A10030
Sandeep Kumar	Biological Sciences	10BB22A33032	CSIR-IHBT	CSIR-CIMAP	10BB21A10022
Shishir Bobate	Biological Sciences	10BB21J27006	CSIR-NEERI	CSIR-IITR	10BB21J22013
Jyoti Kumari	Biological Sciences	10BB23J69002	ICMR-VCRC	CSIR-IIIM	10BB23J37033
Uktika Panbudhe	Physical Sciences	10PP22A29021	CSIR-NIO	CSIR-NEERI	10PC22A27001
Ritisha Ghosh	Biological Sciences	10BB23J26001	CSIR-NCL	CSIR-IICB	10BB23J17020
Vidushi Kapoor	Biological Sciences	10BB22A08008	CSIR-CFTRI	CSIR-NIIST	10BB22A39011

Item No. 8: Change of students' enrolment in PhD program from Regular to 'Exemptions from Physical Presence at the AcSIR Academic Centre/R&D Institute of work after successful completion of PTOC': The Senate ratified the grant of exemption by the Chairman, Senate from Physical Presence at the AcSIR Academic Centre/R&D Institute of work after completion of all academic requirements, including Open Colloquium for the following students:

Student	Registration No.	Lab	Faculty	Open Colloquium	Effective Date	Date of Approval of Chairperson, Senate
Ammu Suresh	10BB16A26046	CSIR-NCL	Biological Sciences	30.12.2022	28.02.2023	28.02.2023
Pradipkumar Vaghela	10BB17J16003	CSIR-CSMCRI	Biological Sciences	15.11.2022	31.03.2023	31.03.2023
Amandeep Singh	20EE16J15006	CSIR-CSIO	Engineering Sciences	01.02.2023	24.04.2023	24.04.2023
Y Chandukrishna	20EE18J24003	CSIR-NAL	Engineering Sciences	06.02.2023	24.04.2023	04.05.2023
Swarali Hirlekar	10BB20J26028	CSIR-NCL	Biological Sciences	28.11.2022	06.06.2023	06.06.2023
Vikash Chaturvedi	10CC18A26052	CSIR-NCL	Chemical Sciences	19.10.2022	27.04.2023	06.06.2023
Vinukonda Rakesh Sharma	10BB17A25014	CSIR-NBRI	Biological Sciences	28.02.2023	11.03.2023	09.06.2023
Pavan Dongapure	10CC20J26017	CSIR-NCL	Chemical Sciences	01.12.2022	15.06.2023	15.06.2023
Rasheed K	10BB17A28009	CSIR-NGRI	Biological Sciences	15.03.2023	20.03.2023	22.06.2023
Jaymin Somabhai Patel	20EE20J16002	CSIR-CSMCRI	Engineering Sciences	03.04.2023	03.07.2023	04.07.2023
Agarwal Sheena Mukesh	10PP17A26046	CSIR-NCL	Physical Sciences	03.07.2023	29.08.2023	29.08.2023
Prachi Arora	20EE19J15014	CSIR-CSIO	Engineering Sciences	21.07.2023	29.08.2023	29.08.2023
Yadav Rakeshkumar	10BB18A26030	CSIR-NCL	Biological Sciences	22.08.2023	12.09.2023	12.09.2023
Tapan K Maity	10CC20J16009	CSIR-CSMCRI	Chemical Sciences	28.08.2023	01.09.2023	01.09.2023
Nair Pranav Girijavallabhan	10BB18A26029	CSIR-NCL	Biological Sciences	14.06.2023	20.09.2023	20.09.2023
Thripuranthaka M	10CC18J26008	CSIR-NCL	Chemical Sciences	13.04.2023	03.10.2023	03.10.2023

Item No. 9: PhD Students permitted to go abroad for research work in foreign Labs

The Senate ratified the approval granted by the Chairperson, Senate to PhD students, for availing fellowships and work in foreign Labs, as detailed under:

Student's Name	Enrollment No.	CSIR Lab	Fellowship	Location and Period of visit
Shubham Chaudhary	10PP20A01005	CSIR-CBRI	SERB-University of Alberta Overseas Visiting Doctoral Fellowship	University of Alberta, Canada (Sep 05, 2023 to Sep 01, 2024 i.e., 12 months)
Jindani Sana Imtiazbhai	10CC19A16008	CSIR-CSMCRI	Fulbright Nehru Doctoral Research Fellowship	University of North Carolina Charlotte, NC, USA (01 August, 2023 to 30 April, 2024 i.e., 10 months)
Apurva Sharma	20EE20A15010	CSIR-CSIO	PhD. Industrial Exposure Fellowship (PIEF)	Indo-German Science & Technology Centre (IGSTC), Germany (Sep 01, 2023 to Feb 29, 2024)

Student's Name	Enrollment No.	CSIR Lab	Fellowship	Location and Period of visit
Shubham Chaudhary	10PP20A01005	CSIR-CBRI	SERB- University of Alberta Overseas Visiting Doctoral Fellowship Program 2022	University of Alberta, Canada (Sep 05, 2023 to Sep 01, 2024 i.e., 12 months)
Pragya Gupta	10BB19J02009	CSIR-IGIB	Raman Champak Fellowship	IGBMC, University of France (01.04.2023 to 30.09.2023 i.e., 6 months)
Neha Kaushal	10PP19J15001	CSIR-CSIO	Fulbright Nehru Doctoral Research Fellowship	University of Cincinnati, Ohio (Sep 01, 2023 to April 30, 2024 i.e., 08 months)
Nabab Khan	10BB21J33018	CSIR-IHBT	IGCTC PhD Industrial Exposure Fellowship 2023	Braunschweig, Germany (Sep 01, 2023 to Feb 29, 2024 i.e., 06 months)
Aparna Ramachandran	32EE19A26049	CSIR-NCL	IGCTC PhD Industrial Exposure Fellowship 2023	UCB Biosciences GmbH in Monheim am Rhein, Germany (Sep 01, 2023 to March 31, 2024 i.e., 07 months)
Priyanka	10PP20J15005	CSIR-CSIO	Prestigious ABCD Future leadership scholarship 2023	German Institute (IWEI, RWTH University) from Aug 16, 2023 to Dec 31, 2023 i.e., 04 months
Dhruva Rajesh Khanzode	20EE20A15020	CSIR-CSIO	Under Agreement for Joint Supervision of his PhD between CSIR-CSIO and L'Ecole Centrale De Nantes, Nantes, France	L'Ecole Centrale De Nantes, Nantes, France from Aug 28, 2023 to Feb 28, 2025.

Item No. 10: Re-registration for PhD for students of January & August 2015, January & August 2016, January & August 2017 Batches: The Senate ratified the approval granted by the Chairperson, Senate for re-registration to the students belonging to the following admission batches, in accordance to the decision of the Senate at its 30th meeting for adoption of the relevant sections of the UGC (Minimum Standards and Procedures for Award of PhD Degree) Regulations, 2022 that specifies the minimum and maximum period of PhD registration, including re-registration:

PhD Batch	Earlier grant of extended deadline for thesis submission	No. of students re-registered for PhD
January 2015	January 07, 2023 (OM dated 18.07.2022)	01 students
August 2015	January 07, 2023 (OM dated 18.07.2022)	09 students
January 2016	May 31, 2023 (OM dated 08.12.2022)	10 students
August 2016	August 07, 2023 (OM dated 08. 12.2022)	27 students
January 2017	August 07, 2023 (OM dated 26.12.2022)	26 students
August 2017	-	97 students

Item No. 11: Inclusion of Co-Supervisors from Non- CSIR institutes for AcSIR PhD students: The Senate ratified the approval accorded by the Chairperson, Senate for 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
Piyush Gupta	10CC22J19014	CSIR-IIP	Dr. Raj Kumar Singh	Dr. Susheel K Porwal, DIT University, Dehradun
Yashveer Singh	10CC22J19013	CSIR-IIP	Dr. Ganesh N Naik	Dr. Kishore Natte, IIT, Hyderabad

Student's Name	Enrollment No.	CSIR Lab	AcSIR Supervisor	Inclusion of Co-supervisor
Siva Ramya Sanam	20EE18A27004	CSIR-NEERI	Dr. Shaikh Basha	Prof. ZVP Murthy, Prof. SVNIT, Surat
Verma Ashwini Dinanath	10PP22J26004	CSIR-NCL	Dr. Kabita Joshi	Dr. Sushant Kumar, Associate Prof, IIT Bihar, Patna
Yadunandan Sen	10BB23J37028	CSIR-IIIM	Dr. Kota Srinivas	Dr. Ritu Mahajan, Sr. Asst. Prof. University of Jammu, Jammu
Mamta Rathore	10BB21A02031	CSIR-IGIB	Dr. Shantanu Sengupta	Dr. Sandeep Seth, Prof. AIIMS, New Delhi
Niranjan Kumar	10BB20J04035	CSIR-CDRI	Dr. Monika Sachdev	Dr. Rekha Sachdev, Prof. & Unit Head, King George's Medical University, Lucknow
Hanumath Prasad Ikkurti	20EE22J12021	CSIR-CMERI	Dr. Santu Kumar Giri	Dr. Subrata Banerjee, Prof, NIT Durgapur
Anand Rajoriya	10PP22J64001	BSIP, Lucknow	Dr. Biswajit Thakur	Dr. Arvind Singh, Asso. Prof. PRL, Ahmedabad
Parinita Mishra	10BB22A36003	CSIR-IMMT	Dr. Nilotpana Pradhan	Dr. Surya Narayan Rath, Asst. Prof. OUAT, Bhubaneswar
Ambika Bhardwaj	10PP20J15007	CSIR-CSIO	Dr. Sudeshna Bagchi	Prof. Ramakrishna Guha, Prof. Western Michigan University
Dinesh Singh	10CC21J32004	CSIR-NPL	Dr. S P Singh	Prof. Raj Kishore Sharma, Asst. Prof. Delhi University
Anoj Kumar Chadar	10CC22J32005	CSIR-NPL	Dr. S P Singh	Prof. Raj Kishore Sharma, Asst. Prof. Delhi University
Aswathy J	32EE18A06014	CSIR-CEERI	Dr. P C Panchariya	Dr. Ing. Habil. Ajoy Palit, University of Germany
Jagdish Kumar	10CC22A19016	CSIR-IIP	Dr. Pankaj Kanuajia	Dr. Prashant Singh, Prof. DAV (PG) College
Rashmi Rani Sahu	10BB23J04038	CSIR-CDRI	Dr. Monika Sachdev	Dr. Rekha Sachdev, Prof. & Unit Head, King George's Medical University, Lucknow
Raghavakrishna Kanala	10CC23A05009	CSIR-CECRI	Dr. S M Senthil Kumar	Prof. S Anandan, National Institute of Technology, Trichy
Gangadhar Rajula	10CC23A29003	CSIR-NIO	Dr. VVSS Sarma	Prof. B.B.V. Sailaja, Professor, Andhra University
K Suresh Kumar	10CC23A29004	CSIR-NIO	Dr. VVSS Sarma	Prof. B.B.V. Sailaja, Professor, Andhra University
Manoj Kumar Biswal	20EE22A12016	CSIR-CMERI	Dr. Tapas Kulia	Dr. Ganesh Chandra Nayak, Asso. Prof. IIT, Dhanbad
Rajendra Gochar	10BB22J37022	CSIR-IIIM	Dr. Sabha Jeet	Dr. B R Bazaya, Professor, SKUAST-Jammu
Shrikant M Deshmukh	20EE22A12019	CSIR-CMERI	Dr. Chanchal Loha	Dr. Himadri Chattopadhyay, Professor, Jadavpur University, Kolkata
Prabuddh Bharat	32EE20A15002	CSIR-CSIO	Dr. Amol P Bhonekar	Dr. Prof. Durgesh Dwivedi, Associate Professor, KGMU, Lucknow
Prasenjit Praharaj	10PP21A15006	CSIR-CSIO	Dr. Manoj K Bhuyan	Prof. Razvan Stoian at Laboratoire Hubert Curien,

Student's Name	Enrollment No.	CSIR Lab	AcSIR Supervisor	Inclusion of Co-supervisor
				Universite Jean Monnet, Saint Etienne, France
Sai Krishna Vaddadi	10PP23A06007	CSIR-CEERI	Dr. P C Panchariya	Prof. Karunesh K Gupta, Professor, BITS, Pilani
Diksha Shekhawat	20EE22J06003	CSIR-CEERI	Dr. Jai Gopal Pandey	Dr. Chandra Shekhar, Senior Emeritus Professor, BITS, Pilani
Subha Laxmi	20EE23A32001	CSIR-NPL	Dr. P Prathap	Prof. Mrinal Dutta, Deputy General at National Institute of Solar Energy, Gurugram
Reena Kumari	10CC23A32015	CSIR-NPL	Dr. Ritu Srivastava	Prof. Dalip Singh Mehta, IIT, Delhi
Deepti Sharma Dullu	10CC23A32016	CSIR-NPL	Dr. Rajiv K Singh	Dr. Neha Gupta, Asst. Professor, Lajpat Rai College, Sahibabad, Ghaziabad

Item No. 12: Conversion of studentship from regular to sponsored category: The Senate ratified conversion of PhD registration from Regular to Sponsored category, as per decision of the Senate at its 30th meeting (vide item No. 39), as approved by the Chairperson, Senate for the following students:

Student's Name	Enrollment No.	CSIR Lab
Prabhjot Kaur	20EE20A15004	CSIR-CSIO, Chandigarh
Sarbjeet Singh	20EE19A15038	CSIR-CSIO, Chandigarh
Shilpa Walia	20EE18J15009	CSIR-CSIO, Chandigarh

Item No. 13: Grant of permission for early submission of PhD thesis: The Senate ratified the approval granted by the Chairperson, Senate on recommendation of the Dean, Chemical Sciences, for early submission of PhD thesis to the following student:

Student	Registration No.	Inst	Faculty	Early submission date	Reason	Approval of Chairman, Senate
Samrin Sheikh	10CC21J26034	CSIR-NCL	Chemical Sciences	18.09.2023	Post Doc position abroad	13.09.2023

Item No. 14: Updated information on strength and status of faculty members of AcSIR (Modifications received since 30th Senate Meeting): The Senate ratified the updates in the list of faculty members of AcSIR, as approved by the Chairperson, Senate, since the 30th Senate Meeting.

The Senate took note that currently **2495** Scientists of CSIR and **156** Scientists from the Associate Academic Centres of AcSIR are recognized as Faculty of AcSIR, as detailed below:

CSIR Scientists and Scientists from Associate Centres recognized as AcSIR Faculty	Current number
Assistant Professors	1426 + 89 at Associate Centers = 1515
Associate Professors	580 + 46 at Associate Centers = 626
Professors	448 + 19 at Associate Centers = 467
Outstanding Professors	30+2 at Associate Centers = 32
Emeritus Professors	11
TOTAL	2651

Item No. 15: Student selection and admission for PhD programs of AcSIR for August 2023 session:

The Senate ratified the admission proceedings for the PhD program for the August 2023 academic session, approved by the Chairperson, Senate on recommendation of the respective Deans of the faculty, where 1091 students have been selected for PhD program (920 students for PhD Science, 121 students for PhD-Engineering and 50 students were selected for the Integrated Dual Degree (MTech-PhD Program - IDDP), at 37 CSIR Labs and 17 Associate Centres of AcSIR, as detailed below:

S. N.	Faculty	No. of candidates selected	Confirmation of Admission
1.	Biological Sciences	429	264
2.	Chemical Sciences	286	148
3.	Physical Sciences	164	72
4.	Mathematical & Information Sciences	33	27
5.	Engineering Sciences	121	80
6.	IDDP	50	22
TOTAL		1091	613

Item No. 16: Student selection for PhD program in Engineering Sciences for January 2023 in Visvesvaraya Scheme:

The Senate ratified the selection of 03 students (01 at CSIR-CSIO, Chandigarh and 02 at CSIR- CEERI, Pilani) under the Visveswaraya PhD Scheme in PhD engineering program for the January 2023 session, approved by the Chairperson, Senate on recommendation of the Dean, Engineering Sciences. AcSIR was allotted 3 seats for PhD under Visveswaraya PhD Scheme supported by the Ministry of Electronics and Information Technology (MeitY) for CSIR-CEERI, Pilani and CSIR-CSIO, Chandigarh for January-2023 session.

Item No. 17: Student selection for MTech programs of AcSIR for August 2023 session: The Senate ratified the admission proceedings for the MTech program for the August 2023 academic session, approved by the Chairperson, Senate on recommendation of the Dean, Engineering Sciences, at 02 CSIR laboratories participating in the program during this session (CSIR-CMERI, CSIR-NCL), as detailed below:

AcSIR Academic Centre	Program Name: MTech	No. of candidates selected	Confirmation of Admission
CSIR-CMERI, Durgapur	Mechatronics	5	1
	Farm Machinery and Power Engineering	7	4
	Design of Machinery and Equipment	8	1
CSIR-NCL, Pune	Chemical Engineering	15	9
Total		35	15

Item No. 18: Student selection for Integrated MSc-PhD program in Clinical Research for August 2023 session and for Health Informatics at AcSIR-PHFI for August 2022 and August 2023 sessions: The Senate ratified the selection of 07 students for the Masters' programs in Clinical Research for August 2023 session at PHFI/IIPH-Delhi, approved by the Chairperson, Senate on the recommendations of the Dean, Biological Sciences, out of which 02 have joined. PHFI/IIPH-Hyderabad did not participate in the MSc in Health Informatics program during the year.

Item No. 19: Student selection for MSc program in Food Technology at CSIR-CFTRI for August 2023 session: The Senate ratified the selection of 32 students for MSc program in Food Technology at CSIR-CFTRI, for the August 2023 session, approved by the Chairperson, Senate on the recommendations of the Dean, Biological Sciences, out of which 30 have joined.

Item No. 20: Student selection for MSc program in Wildlife Sciences at Wildlife Institute of India, Dehradun for August 2023 session: The Senate ratified the selection of 20 students for MSc program in Wildlife Sciences, at the Wildlife Institute of India for the August 2023 session, approved by the Chairperson, Senate on the recommendations of the Dean, Biological Sciences, out of which 17 students have joined.

Item No. 21: Student selection for Masters in Public Health program at (i) PHFI/IIPH Delhi and (ii) Max Society of Medical Academics Innovation and Research, New Delhi for August 2023 session: The Senate ratified the selection proceedings for Masters in Public Health (MPH) for 51 students at PHFI/IIPH-Delhi (out of which 25 have joined) and 16 students at Max Society of Medical Academics Innovation and Research, Delhi (out of which 13 have joined) for the August 2023 session, approved by the Chairperson, Senate on the recommendations of the Dean, Biological Sciences.

Item No. 22: Student selection for Post Graduate Diploma programs for August 2023 session in (i) Patinformatics at CSIR-URDIP; and (ii) Advanced Manufacturing Technology at CSIR-CMERI: The Senate ratified the selection proceedings for the August 2023 session for the Post Graduate Diploma in Patinformatics at CSIR-URDIP, Pune where 13 students were selected (out of which 06 have joined) and selection of 01 student for the **Advanced Manufacturing Technology (PGDAMT)** at CSIR-CMERI (out of which 01 has joined), approved by the Chairperson, Senate on the recommendations of the respective Associate Dean and the Dean of the Faculty.

Item No. 23: Results and award of PhD Degrees in Science and Engineering: The Senate ratified the results of 394 students (since the 30th meeting held on February 13, 2023) who had completed all the academic requirements for the award of PhD degree, including the successful completion of the viva voce examination and approved by the Chairperson, Senate on the recommendations of the respective Deans of the different Faculty, upto October 26, 2023.

The Senate noted that since inception, 3913 PhD Degrees have been awarded by AcSIR (till October 26, 2023).

Item No. 24: Results and award of MTech Degrees: The Senate ratified the MTech results of 11 students of 2021-2023 batch, approved by the Chairperson, Senate on the recommendations of the Dean, Engineering Sciences (CSIR-CSIO: 01 student of in Advanced Instrumentation Engineering; CSIR-CMERI: 02 students in Design of Machinery and Equipment; CSIR-NCL: 03 students in Chemical Engineering; 03 students in Computational Biology and Bioengineering; and 02 students in Polymer Engineering) have completed their MTech program (2021-2023 batch) for the award of the degrees.

Item No. 25: Results and award of Masters' Degrees: The Senate ratified the results of Masters' Degrees of 2021-2023 batch, as detailed below:

- (i) Results of 10 students of 'Clinical Research' at PHFI/IIPH, Delhi, approved by the Chairperson, Senate, on the recommendations of the Dean, Biological Sciences;
- (ii) Results of 03 students in 'Health Informatics' at PHFI/IIPH, Hyderabad, approved by the Chairperson, Senate, on the recommendations of the Dean, Biological Sciences;
- (iii) Results of 05 students in 'Science & Technology Communication' at CSIR-NISCAIR, Delhi, approved by the Chairperson, Senate, on the recommendations of the Associate Dean, Mathematical & Information Sciences;
- (iv) Results of 29 students in 'Food Technology' at CSIR-CFTRI, Mysuru, approved by the Chairperson, Senate, on the recommendations of the Dean, Biological Sciences;
- (v) Results of 44 students in Master of Public Health (MPH) at PHFI/IIPH, Delhi, approved by the Chairperson, Senate, on the recommendations of the Dean, Biological Sciences.

Item No. 26: Results and award of Post Graduate Diploma in Patinformatics, CSIR-URDIP of 2022-2023 batch: The Senate ratified the results of 10 students of the PG Diploma in Patinformatics, approved by the Chairperson, Senate on the recommendations of the Associate Dean, Mathematical & Information Sciences.

Item No. 27: Decisions of the 6th Meeting of the Board of Studies for Engineering, Physical and Mathematical & Information Sciences – 24.07.2023: The Senate ratified the decision of the Board of



Studies for Engineering, Physical and Mathematical & Information Sciences held on 24.07.2023, as detailed below:

27.1 Streamlining of the Integrated Dual Degree Program (IDDP MTech+PhD) and strict adherence to the revised structure by all participating Institutes from August 2020 batch onwards for the following programs:

CSIR-AMPRI:	Material Science and Technology;
CSIR-CBRI:	Building Engineering and Construction Technology;
CSIR-CECRI:	Chemical & Electrochemical Engineering;
CSIR-CEERI:	Advanced Electronics Engineering;
CSIR-CGCRI:	Materials Science and Engineering;
CSIR-CMERI:	Mechatronics;
CSIR-CMERI:	Machine Design;
CSIR-CSIO:	Advanced Instrumentation;
CSIR-IMMT:	Materials Resource Technology;
CSIR-NCL:	Chemical Engineering;
CSIR-NCL:	Polymer Science & Engineering;
CSIR-NCL:	Computational Biology & Bio-engineering;
CSIR-NEERI:	Environmental Systems Engineering & Modelling;
CSIR-IICT:	Chemical Engineering.

Total minimum credit requirements for IDDP: 70 credits [Coursework: 32 credits + RM & RPE: 4+2 credits + Mini Project: 4 credits + Research Project: 24 credits + Societal Program: 4 credits].

27.2 Streamlining of MTech Program and strict adherence to the revised structure by all participating Institutes, as detailed below:

CSIR-CMERI:	Design of Machinery and Equipment;
CSIR-CMERI:	Farm Machinery and Power Engineering;
CSIR-CMERI:	Mechatronics;
CSIR-NCL:	Chemical Engineering;
CSIR-NCL:	Polymer Science & Engineering;
CSIR-NCL:	Computational Biology & Bio-engineering.

Total minimum credit requirements for MTech: 60 credits [Coursework: 32 credits + Mini-Project: 4 credits + Dissertation: 24 credits].

27.3 Introduction of IDDP at CSIR-IICT in 'Chemical Engineering' from August 2023 session: proposal ratified;

27.4 Structure of PhD for the proposed 'Innovation Doctoral Fellowship Program (iPhD)': proposal ratified; **separately placed at Agenda Item No. 37;**



- 27.5 Streamlining of PhD. course database: a) One title, one course, one syllabus; b) Revision of courses after three years: proposal ratified;
- 27.6 Additional coursework for BTech entrants in PhD.: **separately placed at Agenda Item No. 40;**
- 27.7 Introduction of Integrated Dual Degree Program (IDDP- MSc+PhD): proposal for further discussion on the matter on hold;
- 27.8 PhD Course proposals from AcSIR Academic Centers: proposal ratified;

PhD Courses: Engineering, Physical and Mathematical & Information Sciences	
Course 2: Inter-disciplinary/Cross-disciplinary Courses	
Introduction of new courses	Modification of existing Courses
CSIR-NGRI (Physical Sciences)	CSIR-NPL (Physical Sciences)
CSIR-CBRI (Engineering Sciences)	CSIR-CEERI (Engineering Sciences)
CSIR-CEERI (Engineering Sciences)	
MoES-IITM (Physical Sciences)	
MoES-IITM (Math. & Information Sciences)	
TCG-CREST (Math. & Information Sciences)	
TCG-CREST (Physical Sciences)	
DST-CeNS (Physical Sciences)	
Course 3: Advanced Courses	
Introduction of new courses	Modification of existing Course
CSIR-CEERI (Engineering Sciences)	CSIR-CEERI (Engineering Sciences)
MoES-IITM (Physical Sciences)	CSIR-NPL (Physical Sciences)
TCG-CREST (Physical Sciences)	CSIR-NPL (Engineering Sciences)
TCG-CREST (Math. & Information Sciences)	
DST-CeNS (Physical Sciences)	

Item No. 28: Decisions of the 7th Meeting of the Board of Studies for Biological and Chemical Sciences

– **27.07.2023:** The Senate ratified the decision of the Board of Studies for Biological and Chemical Sciences Cluster held on 27.07.2023, as detailed below:

- 28.1 Introduction of M.Sc. in “Fresh Water Ecology & Conservation” by the Wildlife Institute of India: Ratified;
- 28.2 Introduction of Diploma in “Advanced Wildlife Management” by the Wildlife Institute of India, Dehradun: Ratified; to increase duration to one year;
- 28.3 Introduction of PG Diploma (Gardening & Nursery Management) by CSIR-NBRI, Lucknow: Suggestions for enhancement of the program's scope and practicality to be incorporated; Ratified in-principle;
- 28.4 Introduction of Integrated Dual Degree Program in Science (IDDP-MSc+PhD) and/or direct PhD program: **Ratified the decision to put the matter on hold subject to further discussion at Senate;**
- 28.5 Structure of PhD for the proposed ‘Innovation Doctoral Fellowship Program (/iPhD)’: proposal ratified; **separately placed at Agenda Item No. 37;**

- 28.6 Streamlining of PhD. course database: a) One title, one course, one syllabus; b) Revision of courses after three years: proposal ratified;
- 28.7 PhD. Course proposals from AcSIR Academic Centers: proposal ratified;

PhD Courses: Biological and Chemical Sciences	
Course 2: Inter-disciplinary/Cross-disciplinary Courses	
Introduction of new courses	Modification of existing Courses
CSIR-NML (Chemical Sciences)	
DST-CeNS (Chemical Sciences)	
TCG-CREST (Chemical Sciences)	
LVPEI (Biological Sciences)	
MoHFW-NIB (Biological Sciences)	
ICMR-NIV (Biological Sciences)	
TIGS (Biological Sciences)	
ICMR-VCRC (Biological Sciences)	
Course 3: Advanced Courses	
Introduction of new courses	Modification of existing Course
CSIR-NIIST (Biological Sciences)	
CSIR-NML (Chemical Sciences)	
DST-CeNS (Chemical Sciences)	
TCG-CREST (Chemical Sciences)	
LVPEI (Biological Sciences)	
MoHFW-NIB (Biological Sciences)	
ICMR-NIV (Biological Sciences)	
TIGS (Biological Sciences)	
ICMR-VCRC (Biological Sciences)	
Post facto Approval:	
CSIR-IMMT: Advanced Materials Characterization Techniques (L-T-P-C: 2-0-2-3)- Regularization for the period Aug 2015 to Jan 2020	
Masters' in Public Health at Max Society of Medical Academics Innovation and Research (MSMAIR)	
Complete Curriculum for Masters in Public Health	

Item No. 29: AcSIR Best PhD Thesis Award 2021 and 2022: The Senate ratified the AcSIR Best PhD Thesis Awards to 10 students for each of the years 2021 and 2022.

Item No. 30: "Prof. Baldev Raj Memorial Award for Best Performance in PhD" under the AcSIR RMIT Joint PhD Program for 2021 and 2022: The Senate ratified the awards jointly to two students for each of the years 2021 and 2022.

Item No. 31: Eligibility criteria and General Guidelines of Admission in AcSIR: The Senate ratified the 'General Guideline for Admission in Academic Programs at AcSIR', approved by the Chairperson Senate, which provides comprehensive guidelines on eligibility criteria and on various steps related to

the admission process, starting from receipt of applications, reservation guidelines including seat matrix, short-listing criteria and selection procedure, procedure for declaration of results and their formats from the January 2024 admission session.

Item No. 32: Timeline for Admissions: an update on the Admission Timeline in the AcSIR Ordinances 2017: The Senate ratified the shift in the admission timelines to earlier dates to align with the result declaration dates for the National Level Fellowships and also to attract more students for the AcSIR academic programs

Item No. 33: Format of Degree Certificate for Masters in Public Health (MPH) Program: The Senate ratified the formats for the Masters of Public Health (MPH) program, approved by the Chairperson, Senate.

Item No. 34: Revision in time-frame for PhD thesis evaluation by external examiners: The Senate ratified the approval granted by the Chairperson, Senate on the recommendations of the Directorate of Academic Affairs to reduce the time-period given to the external examiners to evaluate the PhD to 6 weeks, in the interest of the PhD students, which will expedite the process of the award of the PhD degrees.

ITEMS FOR APPROVAL & DISCUSSION

Item No. 35: Amendments in eligibility criteria for Project Assistants: The Members had detailed discussion on the eligibility criteria for the Project Assistants seeking admission in AcSIR PhD program, notified vide AcSIR OM No. AcSIR/8/1(1)-2023-1 dated 17.03.2023 bearing the subject "Revision of eligibility criteria for "Project Assistants" being considered for admissions to AcSIR PhD program", as detailed below:

- a) Project Assistants who have qualified any PhD qualifying National level Examination (NET-LS, GATE, BET, JEST, etc.), even without eligible fellowship, will be exempted from the eligibility criteria of having one publication;
- b) Project Assistants who have not qualified any National level Examination, will need to have at least one publication in a SCI journal with substantial research contribution as a co-author;

Item No. 36: Amendments in eligibility for selection of External Examiners for PhD Thesis Board: The Senate had detailed discussion on the decision of the Senate at its 30th meeting held on February 13, 2023 (vide Item No. 35) and notified through AcSIR OM No. AcSIR/8/1(1)-2023-7 dated 17.03.2023, bearing the subject "External Examiners of PhD Thesis Board proposed by the Supervisor(s)" and resolved to delete the Clause 7 of the above-mentioned OM, viz., "The names of such external



examiners, who have already evaluated two AcSIR PhD thesis in a calendar year, of the Institute where the thesis is being submitted, be not proposed”.

Further, the Senate resolved to amend the AcSIR OM No. AcSIR/8/1(1)-2023-8 dated 17.03.2023 that “the External Examiner can also conduct the viva-voce examination in a physical mode, instead of online mode, if the concerned institute is willing to bear the expenses (travel & accommodation)”.

Item No. 37: iPhD: Structure of a unique, industry driven PhD. Program: The Chairperson, Senate briefed the Members on the new vertical of PhD. program of AcSIR - the *iPhD* program, which aims to promote **innovative, imaginative, and cutting-edge research** in frontier areas of science and technology. Under this initiative, industrial organizations would provide fellowships to the PhD students - the **AcSIR Innovation Fellowships for Doctoral Students**, who would conduct research on problems that are relevant to the technological needs of the sponsoring organization/ industry. On achievement of certain deliverable TRL levels, the students shall be awarded PhD Degree. There will be more emphasis on development of technology rather than on publication. Incubation support and additional financial support would also be provided by the sponsoring organization/ industry. The program shall be unique in terms of the specialized courses to be offered relevant to entrepreneurship leading to startups and a generation of “Sciencepreneurs” in India.

The Senate appreciated the uniqueness of the *iPhD* program, which has been elaborated below:

- (i) The *iPhD* program shall be unique in terms of the courses to be opted by the students. There will be courses on Entrepreneurship, Business Proposals, Marketing, Ethics, IPR etc., and the student shall have the flexibility to complete them within 3 years.
- (ii) The Monitoring Committee (i.e., the Doctoral Advisory Committee) shall have the representations from Industry so as to hand hold the students from inception of research work. With the mentorship of Scientists (AcSIR Faculty) and Industry partners and a strong course work the students shall be able to convert ideas into technologies which shall be sufficient for qualifying for PhD. degree without publication.

The Senate approved the proposed structure of the *iPhD* program (in comparison to the existing PhD. program), as detailed below:

Item	Existing vertical	New vertical: <i>iPhD</i> program
Program focus	Furtherance of basic science, translational research and mostly preparing student for scientific research or academia.	Research to develop new product / technology for the progress of the Nation and also for societal good.
Eligibility Requirements	Master degree AND fellowship (for PhD. in Sciences)	Master degree holder with entrepreneurial mindset
Supervisor/ Co-supervisor	Primary Supervisor needs to be from amongst the faculty members of AcSIR. Co-supervisor may be from external Institute/ Industry.	Student shall be jointly supervised by the faculty of AcSIR and Industrial expert.

Item	Existing vertical	New vertical: iPhD program
Credit & course requirements	18 Research Methodology: 4 Research & Publication Ethics: 2 Inter-disciplinary courses: 2 Advanced courses: 6 Societal Program: 4	18 Research Methodology: 4 Research & Publication Ethics: 2 <u>Courses and Workshops covering the following aspects, including but not restricted to:</u> Entrepreneurship, Innovation, Incubation, Venture Capital, Market Research, Business Planning, Economics, Operations Management, Marketing Management, Supply Chain Management, Accounting, IPR, AI and Human Resource Management, Big Data, Data Mining, Leadership, Communication etc.
Timeline for completion of coursework	Student enrolled in the PhD program are required to complete all the requisite course-work preferably within their first two semesters of study.	The program shall have built-in flexibility for completing the specially designed courses, related to innovation & entrepreneurship, within 3 years of enrolment apart from few compulsory courses on Research Methodology, Research & Publication Ethics, etc.
Meetings of Doctoral Advisory Committee (DAC)	DAC of each student needs to meet every semester to review the progress.	Monitoring Committee (having Industry experts as members) shall review the progress of the student every 6 months. Monitoring Committee shall be constituted by the Director, AcSIR and shall also serve as Doctoral Advisory Committee (DAC).
Comprehensive Examination	Student shall be eligible to appear for comprehensive examination after completion of minimum 14 credits.	Evaluation of progress in technology at the end of 3 rd year
Residency in the program	Student shall be required to enrolled full-time in the program.	Student shall have flexibility to work in different Labs (industrial or scientific) and/or remain in field.
Publication and/or Patent requirement	Publication/acceptance of at least one paper in a SCI indexed journal, emanating from the student's thesis work is mandatory.	No mandatory requirement of research publication. However, filing of two Patents shall be mandatory before submission of PhD thesis.
Duration of the program	The PhD. degree program shall be for a minimum duration of three (3) years, including course work, and a maximum of six (6) years from the date of admission to the PhD. program.	No change
Award of PhD. degree	Submission of PhD. thesis, evaluation by the external examiners followed by a successful PhD. Oral Examination.	Thesis on TRL 4 level technology and its evaluation by Technologists/ industry Experts for the award of the PhD degree.
Support during enrolment in PhD. and post PhD. support	Academic and administrative support.	Support with respect to incubation of business idea, etc.

Further, the Senate took note of the Memorandum of Understanding signed between AcSIR and National Innovation Foundation (NIF, an autonomous body of the Department of Science and Technology, Govt. of India), where, AcSIR aims to introduce an AcSIR-NIF Innovation Doctoral

Fellowship Program for developing innovative technologies in niche areas of Science & Engineering. This program will offer selected candidates an ecosystem to foster the innovation potential of the fellowship awardee to work closely with grassroot innovators and develop technologies for the benefit of the Society at large. The MoU between AcSIR and NIF would provide financial support to 15 candidates. These students, after completion of PhD shall be eligible for availing incubation facilities at NIF.

Item No. 38: Procedure for change in the Supervisor(s) of the AcSIR PhD students: The Senate considered the proposal and held detailed discussion in light of the large number of requests received from the AcSIR PhD students for change of supervisor. The Senate resolved to adopt the following well-defined regulations for changing of the PhD supervisor(s) of the students in order to streamline this process across all the affiliated institutes of AcSIR. The following rules were endorsed:

- (i) Any change in the supervisor(s) of a PhD student (change in primary supervisor or change/addition/deletion of a co-supervisor) shall be highly discouraged and allowed only under exceptional circumstances, unless already permitted under the provisions of the existing rules (including, *superannuation/resignation of supervisor(s), supervisor(s) proceed on a long leave (> 6 months) or cease to be AcSIR faculty member, inter-institutional transfer of the student/supervisor(s) etc.*);
- (ii) Unless already permitted under the rules, any change in the PhD Supervisor(s) shall be allowed only once during the entire PhD enrolment tenure of the student;
- (iii) Under exceptional circumstances, any change in the supervisor(s) of a PhD student (unless already permitted under the rules), has to be additionally recommended by the Academic Committee of the institute, where the PhD student is enrolled (apart from the recommendations of the current and proposed supervisor(s)), duly endorsed by the Director of the institute before it is sent to the concerned Deans/AcSIR-HQs. for their consideration. The Academic Committee must record, in writing, the exceptional circumstances based on which such a change in the supervisor(s) is being recommended;
- (iv) Any other cases not being covered by the ambit of the above-mentioned conditions, will be considered by the Chairperson, Senate on a case-to-case basis, on recommendation of the Directorate of Academic Affairs, AcSIR;
- (v) The change in the PhD supervisor(s) shall take effect only after it is approved by the Director, AcSIR and no post-facto approvals will be considered. In case the change in the supervisor(s) is approved, the DAC of the student will have to be reconstituted and the student may have to take new courses, as approved by the reconstituted DAC, keeping in view any change in the area of research/specialization.

The other provisions under the existing rules of "Change in the PhD Supervisor(s)" will continue to remain in-force, unless specified above.



Further, the Senate resolved that in order to give sufficient time for finalizing the PhD supervisor(s) of the freshly admitted PhD students, the PhD supervisor(s) can be allotted any time within 3 months of the student's enrolment in the PhD program. In no case, Supervisor(s) shall be allotted beyond a period of three months of the student's PhD enrollment.

Item No. 39: Criteria for upgradation of Faculty position of AcSIR

There are well-defined guidelines for AcSIR faculty recognition for newly joined scientists, but no such guidelines exist based on which the upgradation of their AcSIR faculty positions can be considered. Till now, the faculty upgradation was being considered only commensurate with the designation of the scientists at their Institutes of employment. The Senate recognized the need to rationalize and streamline the faculty upgradation guidelines so that only those AcSIR faculty, who have significantly contributed towards meeting the mandate of the Academy, are considered for upgradation.

The upgradation of the AcSIR faculty position, apart from being commensurate to their designation at their institute of employment, will primarily be based on the following four criteria:

(a) Research & supervision of AcSIR PhD students

The following broad eligibility criteria on the "Research & doctoral supervision of AcSIR PhD students" has been resolved for faculty upgradation:

Faculty position to which upgradation is being sought	Research & Supervision of Students
Associate Professor	<ul style="list-style-type: none"> • At least 2 AcSIR PhD students enrolled as primary supervisor, out of which at least 1 should have submitted thesis/completed the PTOC; • at least 3 publications in SCI Indexed journals, out of which at least 2 as the corresponding author (publications with AcSIR affiliation) • All above during the tenure as a faculty of AcSIR
Professor	<ul style="list-style-type: none"> • At least 5 AcSIR PhD students enrolled as primary supervisor, out of which at least 3 should have submitted thesis/completed their PTOC; • at least 8 publications in SCI Indexed journals, out of which at least 5 as the corresponding author (publications with AcSIR affiliation) • All above during the tenure as a faculty of AcSIR

(b) Teaching AcSIR courses and/or guidance of Masters' Dissertation

Due weightage would be given to the teaching of the AcSIR courses by the scientists and/or guidance of Masters' Dissertation. The weightage would be based on the number of lectures taken by the scientists for different AcSIR courses in each semester.

The criteria (a) Research & Supervision of AcSIR PhD students and (b) Teaching, as detailed above, would have the highest but equal weightage.

(c) Other AcSIR student related activities

Other AcSIR student related activities, such as, coordinator, member of AcSIR selection or other student related committees, etc.

(d) Academic awards & Honours

Due weightage would also be given to the national/international level awards/honours and other significant achievements of the scientists.

The decision of the Chairman, Senate would be final on the AcSIR faculty's request for upgradation.

Item No. 40: Eligibility to AcSIR PhD program after a 4-year/8-semester bachelor's degree program in line with UGC (Minimum Standards and Procedures for Award of PhD. Degree) Regulations, 2022

The Senate held detailed discussion on Clause 3(1)(i) of the UGC (Minimum Standards and Procedures for Award of PhD. Degree) Regulations, 2022, on 'Eligibility criteria for admission to the PhD. Program', the salient points of which are:

"The following are eligible to seek admission to the PhD. programme: (1) Candidates who have completed:

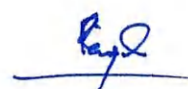
- (i) A 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme with at least 55% marks in aggregate or its equivalent grade in a point scale wherever grading system is followed*

Provided that a candidate seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75 % marks in aggregate or its equivalent grade on a point scale wherever the grading system is followed"

The Senate felt that the candidates seeking admission after a 4-year/8-semester bachelor's degree program, would need additional advanced courses of Masters' level in order to bring academic parity with those students who have completed a 2-year/4-semester master's degree program after a 3-year bachelor's degree program. Further, it is not yet very clear that whether the students are taking Masters' level courses during their 4th year in Bachelors' Degree or are involved in Research Projects, which would determine their depth of knowledge at the Masters' level. Therefore, the Senate resolved to defer this item till more clarity is there when the first batch of 4 year/8 semester Bachelor's degree graduates.

However, the Senate considered the specific request from CSIR-CCMB for inclusion of BTech students with valid "GATE-Ecology and Evolution" score, for PhD admissions at CSIR-CCMB-LaCONES and approved, in-principle, to include the same as an eligibility criterion. The Senate, however, resolved that additional courses and research internship, etc., in addition to the PhD coursework need to be taken by such students, in order to be eligible for Comprehensive Examination, the details of which will be worked out by the Board of Studies.

For the GATE Ecology and Evolution qualified MTech students, the matter of eligibility for CSIR-GATE-JRF Fellowship, is beyond the purview of the AcSIR Senate and needs to be taken up with CSIR-HRDG.



Item No. 41: Approval of the DAC members of a PhD student

The Senate resolved that the Director, AcSIR, as the Chairperson, Senate shall delegate his powers to the concerned Deans of the Faculty of Study for the constitution and any subsequent changes in the formation of the DAC of each student, to streamline and expedite the process of the constitution or change of DAC of the PhD students. Such consolidated information is to be submitted by the concerned Dean to the AcSIR HQs. and shall be ratified by the Chairperson, Senate.

Item No. 42: Teaching in PhD courses where the number of students is very low

The Senate considered the proposal that only those PhD courses should be conducted where >5 students opt for that course during any semester.

ANY OTHER ITEM

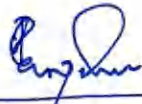
Item No. 43: Any other Item with permission of the Chair

- (i) The case of a PhD student, Ameen E (32EE15A41003) of CSIR-SERC was brought to the attention of the Senate. The student had submitted his thesis on 29.04.2021 and the Adjudication reports were received by the Institute on 24.03.2022. One of the external examiners had accepted the thesis with minor modifications. The second examiner had recommended major improvement and resubmission of the thesis. As per AcSIR rules (vide AcSIR OM No. AcSIR/8/1(1)-2021-1 dated 06.08.2021, bearing Subject "Timelines for submission of revised PhD thesis after addressing the comments of the external examiners", the revised thesis is to be submitted within three months after receiving the comments. As per rules, additional three months are permitted with approval of the Director, AcSIR. However, due to various reasons including Covid related disruptions, the student neither submitted his thesis nor did he request for any extension in time.

On 29.09.2023, for the first time a request has been received from the student requesting extension upto 30.11.2023 for the submission of thesis.

The Senate considered the matter, and in view of the extraordinary circumstances, approved the extension upto 30.11.2023.

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



(Prof. Manoj Kumar Dhar)
Chairperson, Senate