



ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH  
(AcSIR)

Proceedings of the 32<sup>nd</sup> Meeting of the Senate

The 32<sup>nd</sup> meeting of the Senate of the Academy of Scientific and Innovative Research (AcSIR) was held on May 10, 2024 at 11:00 hrs. through hybrid mode at CSIR-Science Centre. The meeting was attended by the following members:

Sl.	Name	
1	Prof. Manoj Kumar Dhar, <i>Director, AcSIR</i>	Chairperson
2	Prof. Ajay Dhar, <i>Associate Director, AcSIR</i>	Member
3	Prof. R.N.K. Bamezai, <i>Former Professor &amp; Dean, JNU &amp; VC, SMVDU, Katra (Science)</i>	Member
4	Prof. Sanjay Mittal, <i>Professor, IIT Kanpur (Engineering)</i>	Member
5	Prof. K.R. Prasad, <i>Indian Institute of Science (Chemical Sciences)</i>	Member
6	Prof. Sanjay Puri, <i>Jawaharlal Nehru University (Physical Sciences)</i>	Member
7	Prof. H.K. Sardana, <i>Indian Institute of Information Technology, Raichur (Engineering Sciences)</i>	Member
8	Prof. Geeta Sumbali, <i>Former Professor &amp; Dean, Life Sciences, University of Jammu (Biological Sciences)</i>	Member
9	Prof. Sunil Kumar Singh, <i>Director, CSIR-NIO, Goa</i>	Member
10	Prof. Manoranjan Parida, <i>Director, CSIR-CRRI, New Delhi</i>	Member
11	Prof. Ajit K. Shasany, <i>Director, CSIR-NBRI, Lucknow</i>	Member
12	Prof. Chetan J. Gadgil, <i>Dean, Faculty of Engineering Sciences</i>	Member
13	Prof. Aniruddha P. Sane, <i>Dean, Faculty of Biological Sciences &amp; Agricultural Sciences</i>	Member
14	Prof. Chada Raji Reddy, <i>Dean, Faculty of Chemical Sciences</i>	Member
15	Prof. Sanjay R. Dhakate, <i>Dean, Faculty of Physical Sciences</i>	Member
16	Dr. Neerja Garg, <i>Dean, Faculty of Mathematical &amp; Information Sciences</i>	Member
17	Dr. Anup Anvikar, <i>Dean, Faculty of Medical Research</i>	Member
18	Prof. Ram Kumar Sharma, <i>Associate Dean, Faculty of Biological Sciences &amp; Agricultural Sciences</i>	Member
19	Prof. Raju Khan, <i>Associate Dean, Dean, Faculty of Chemical Sciences</i>	Member
20	Prof. Dipankar Chatterjee, <i>Associate Dean, Faculty of Engineering Sciences</i>	Member
21	Dr. Rudraswami N. G., <i>Associate Dean, Faculty of Physical Sciences</i>	Member
22	Prof. Neeru Saini, <i>Associate Dean, Faculty of Medical Research</i>	Member
23	Dr. Ashwani Kumar, <i>CSIR-IMTECH, Chandigarh</i>	Member
24	Dr. Dipyaman Ganguly, <i>CSIR-IICB, Kolkata</i>	Member
25	Dr. Harsha Bajaj, <i>CSIR-NIIST, Thiruvananthapuram (present Online)</i>	Member
26	Dr. Indu Elizabeth, <i>CSIR-NAL, Bengaluru</i>	Member
-	Ms. Arpita Sengupta, <i>Sr. Manager, AcSIR</i>	Non-Member Secretary

\* The member attending the meeting through electronic media could participate in the discussion and deliberations of the meeting with full clarity.

Prof. Anil K. Gupta, Visiting Faculty, IIM, Ahmedabad, could not attend the meeting due to his 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 after a round of introduction of the members of the newly constituted Senate, he briefly updated the Senate on the various activities of AcSIR since the last meeting. Subsequently, the Associate Director briefed the Senate about the governance of AcSIR, model of operations, and the powers and functions of the Senate.

**Item No. 2: Confirmation of the Proceedings of the 31<sup>st</sup> meeting of the Senate:** The Senate confirmed the proceedings of the 31<sup>st</sup> meeting of the Senate, held on November 01, 2023.

**Item No. 3: Action Taken Report (ATR) on the 31<sup>st</sup> Meeting of the Senate:** The Senate was updated about the actions taken with respect to the decisions of the 31<sup>st</sup> meeting of the Senate. Members were also updated about the extent of completion / progress of tasks in this regard.

### **FOR INFORMATION OF SENATE**

**Item No. 4: Agreement with ICMR for Academic Affiliation:** The Senate took note of the Agreement signed between AcSIR and Indian Council of Medical Research (ICMR), on December 13, 2023, covering 28 Institutes of ICMR. The Senate further noted that the ICMR Institutes are taking part in the admission process for the August 2024 session.

**Item No. 5: All affiliated institutes of AcSIR to be referred to as "Research Institutes":** The Senate took note that in compliance with the AcSIR Statutes, all the Institutes of CSIR, ICMR and other Institutes affiliated with AcSIR, will henceforth be referred to as "Research Institutes" in place of 'Academic Centres' and "Associate Academic Centres" of AcSIR and that existing terms and conditions of their academic affiliation, would remain unchanged.



## ITEMS FOR RATIFICATION

**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, as per the details given against each name:

Student Name	Registration No.	AcSIR Research Inst.	Faculty	Academic Break From	Academic Break Upto
Sandip Kumar Ghosh	10PP22J32005	CSIR-NPL	Physical Sciences	20.11.2023	19.11.2025
Shabu	10BB19J37012	CSIR-IIIM	Biological Sciences	11.11.2023	02.01.2025
Anshul Singh	10PP19A32024	CSIR-NPL	Physical Sciences	09.11.2023	08.05.2024
Arindam Chatterjee	20EE20A15002	CSIR-CSIO	Engineering Sciences	17.11.2022 to 16.11.2023	extended upto 25.10.2024
Manisha	10CC19A33033	CSIR-IHBT	Chemical Sciences	05.02.2024	17.04.2024
Kavita Verma	10MM19J42009	CSIR-NIScPR	Math. & Info. Sciences	12.01.2024	11.07.2024
Basudev Majhi	10BB21J25061	CSIR-NBRI	Biological Sciences	13.02.2024	12.02.2026
Sonia Verma	10BB22A04064	CSIR-CDRI	Biological Sciences	29.02.2024	25.02.2026
Kanchan Yadav	10BB17A33003	CSIR-IHBT	Biological Sciences	06.07.2022 to 06.02.2023	extended upto 05.06.2024
Savita Luxmi	110BB20J37017	CSIR-IIIM	Biological Sciences	11.03.2024	10.12.2024
Vedika Gupta	10BB19J25010	CSIR-NBRI	Biological Sciences	15.04.2024	14.10.2024
Ramya P.K.	10CC21A39014	CSIR-NIIST	Chemical Sciences	15.04.2024	14.04.2026
Nithya M.	10CC21A39003	CSIR-NIIST	Chemical Sciences	11.04.2024	10.04.2026
Ganesh Muralidhar Jadhav	10BB22A26001	CSIR-NCL	Biological Sciences	01.04.2024	31.03.2026

**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	Registration No.	Faculty	AcSIR Research Inst.		Revised Registration No.
			From	To	
Kabilan K	20EE23J06007	Engineering Sciences	CSIR-CEERI	CSIR-CSIO	20EE23J15009
Sagar Tomar	32EE21A27003	Engineering Sciences	CSIR-NEERI	CSIR-CBRI	32EE21A01008
Tulika Jayant Mairal	10BB23A16001	Biological Sciences	CSIR-CSMCRI	CSIR-NCL	10BB23A26011
Rakesh Upadhyay	20EE21J12014	Engineering Sciences	CSIR-CMERI	CSIR-IIP	20EE22J19001

**Item No. 8: Change of students' enrolment in PhD program from Regular to "Exemptions from Physical Presence" 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 Name	Registration No.	AcSIR Research Inst.	Faculty	Date of PTOC	Effective Date	Approval of Chairperson, Senate
Jigar Kishorbhai Andharia	20EE20J16001	CSIR-CSMCRI	Engineering Sciences	09.11.2023	05.02.2024	09.02.2024
Abhilash Kumar Paswan	10PP17A28005	CSIR-NGRI	Physical Sciences	25.01.2024	13.02.2024	09.02.2024
K Manjunath	32EE19J15016	CSIR-CSIO	Engineering Sciences	02.01.2024	15.01.2024	25.01.2024
Preeti Khera	20EE19J15003	CSIR-CSIO	Engineering Sciences	21.12.2023	19.01.2024	25.01.2024
Amishwar Rausing Shelte	10CC20A16019	CSIR-CSMCRI	Chemical Sciences	29.12.2023	15.01.2024	12.01.2024
Garima	10PC18A15005	CSIR-CSIO	Chemical Sciences	04.01.2023	02.01.2024	02.01.2024
Md Mehedi Hossain	10BB17A37020	CSIR-IIIM	Biological Sciences	22.12.2023	02.01.2024	02.01.2024
Parul Khajuria	10BB19A37019	CSIR-IIIM	Biological Sciences	13.12.2023	02.01.2024	02.01.2024
Asheesh Kumar Sharma	10PP18A32009	CSIR-NPL	Physical Sciences	24.05.2023	11.12.2023	11.12.2023
Bhavya Priyadarshini Mishra	10BB21J25044	CSIR-NBRI	Biological Sciences	27.09.2023	27.11.2023	06.12.2023
R Abishek Bharadhwaj	10BB19J03014	CSIR-CCMB	Biological Sciences	20.10.2023	21.11.2023	21.11.2023
Aniket Gautam Desai	10PP20A29037	CSIR-NIO	Physical Sciences	27.02.2024	18.03.2024	12.03.2024
Aseem Amol Chaphalkar	10BB19A02003	CSIR-IGIB	Biological Sciences	13.02.2024	01.04.2024	12.03.2024
Imtiaz Ahmed	10CC20J32025	CSIR-NPL	Chemical Sciences	09.02.2024	22.03.2024	18.03.2024
Amitkumar Chanchpara	10CC21J16005	CSIR-CSMCRI	Chemical Sciences	22.03.2024	06.04.2024	06.04.2024
Mahak Gupta	10PP18A15001	CSIR-CSIO	Physical Sciences	30.01.2024	15.04.2024	06.04.2024

#### 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 in foreign Labs, as detailed under:

Student Name	Enrollment No.	AcSIR Research Inst.	Fellowship	Location and Period of visit
Ayan Dutta	10PP21A28005	CSIR-NGRI	Heat flow fellowship	GFZ German Research Centre for Geosciences, Potsdam, Germany (March 01, 2024 to May 31, 2024)



Student Name	Enrollment No.	AcSIR Research Inst.	Fellowship	Location and Period of visit
Sahil Thakur	20EE22A15019	CSIR-CSIO	Raman Charpak Fellowship	University of Lille, France (from June 01, 2024 to November 30, 2024)

**Item No. 10: Re-registration of PhD students of January 2018 batch:** The Senate ratified the approval granted by the Chairperson, Senate for re-registration to the students belonging to the January 2018 batch:

PhD Enrolment Batch	Deadline of thesis submission by completion of 6 Years	No. of re-registered students
January 2018	January 07, 2024	65 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 Name	Enrollment No.	AcSIR Research Inst.	AcSIR Supervisor	Proposed Co-supervisor
Abhishek Barua	20EE22A36005	CSIR-IMMT	Dr. Anil K Chaubey	Dr. Pratap Chandra Padhi (Chief Manager & Principal, CIPET, Bhubaneswar),
Shalini Dwivedi	32EE20A15006	CSIR-CSIO	Dr. Aparna Akula	Prof. Michael Pecht, University of Maryland, College Park, USA
Monalisa Mishra	10CC22A36009	CSIR-IMMT	Dr. Trupti Das	Prof. Chinmay Mallik, Asst. Prof. , Central University of Rajasthan
Pramod Kumar	20EE22A43002	CSIR-CIMFR	Dr. Ranjan Kumar	Prof. P K Singh, Professor, BIT Sindri, Dhanbad
Nelson Kandulna	20EE23A09002	CSIR-CGCRI	Dr. Kausik Dana	Prof. Debjyoti Ray, Asst. Prof., University of Calcutta
G. Saikrishna	10CC23A18042	CSIR-IICT	Dr. UVR Vijayasarathi	Prof. M. Sunitha Reddy, Professor, JNTUH, Hyderabad
Sankar Narayan Mishra	20EE23A78003	TCG Crest	Dr. Avik Chakraborti	Prof. Bimal Roy, Professor, ISI Kolkata
Arvind Gautam	10CC24J32007	CSIR-NPL	Dr. Nahar Singh	Prof. Mohana Krishna Reddy Mudiam, Director, Institute of Pesticide Formulation Technology, Gurugram
Pooja Yadav	10CC23A19009	CSIR-IIP	Dr. Kirika Kohli	Prof. Susheel Kumar, Asst. Prof., DIT University, Dehradun
M. Pavani	10PP23A28014	CSIR-NGRI	Dr. Prakash Kumar	Prof. Mrinal Kanti Sen, University of Texas
Pragnya Paramita Samal	10CC20J26018	CSIR-NCL	Dr. Sailaja Krishnamurty	Prof. Dr. dr hc Joachim Sauer Humboldt University, Berlin

**Item No. 12: Conversion of studentship from regular to sponsored category:** The Senate ratified conversion of PhD registration from Regular to Sponsored category, as approved by the Chairperson, Senate for the following students:

Student's Name	Registration No.	AcSIR Research Institute
Surendra Singh Patel	20EE17A06002	CSIR-CEERI, Pilani
Asis Sethi	10CC19A05004	CSIR-CECRI, Karaikudi
Ganesh Govind Kadam	10CC22A16028	CSIR-CSMCRI, Bhavnagar
Nikita Jangir	32EE19A06011	CSIR-CEERI, Pilani
Sayalpreet Singh	10BB18A20015	CSIR-IMTECH, Chandigarh
Jyoti Singh	10MM20J42003	CSIR-NIScPR, New Delhi
Naresh K S	10CC20A08002	CSIR-CFTRI, Mysuru

**Item No. 13: Admission to PhD programs of AcSIR for January 2024 session:** The Senate ratified the admission proceedings for the PhD program for the January 2024 academic session. In total, 596 students joined the AcSIR PhD programs including PhD Science, PhD-Engineering and the Integrated Dual Degree (MTech-PhD) Program (IDDP), at 52 Research Institutes (37 Academic Centres and 15 Associate Academic Centres of AcSIR), as detailed below:

Sl. No.	Faculty	Students admitted
1.	Biological Sciences	312
2.	Chemical Sciences	162
3.	Physical Sciences	59
4.	Mathematical & Information Sciences	6
5.	Engineering Sciences	51
6.	IDDP (Engineering)	6
<b>TOTAL</b>		<b>596</b>

**Item No. 14: Student selection for PhD program in Engineering Sciences for January 2024 in Visvesvaraya Scheme:** The Senate ratified the selection of two students (one at CSIR-CSIO, Chandigarh, and one at CSIR-CEERI, Pilani) for the Visveswaraya PhD Scheme in the January 2024 session, as approved by the Chairperson, Senate, on the recommendation of the Dean, Engineering Sciences.

**Item No. 15: Results and award of PhD Degrees in Science and Engineering:** The Senate ratified the results of 442 students (since the 31<sup>st</sup> meeting held on November 01, 2023) who had completed all the academic requirements for the award of PhD degree, upto May 07, 2024. The Senate noted that since inception, 4355 PhD Degrees have been awarded by AcSIR (till May 07, 2024).

**Item No. 16: Award of Post Graduate Diploma in Precision Management & Quality Control, CSIR-NPL of 2023-2024 batch:** The Senate ratified the results of 06 students of the PG Diploma in Precision Management & Quality Control, as approved by the Chairperson, Senate.

**Item No. 17: Joint PhD supervision of AcSIR student Mr. Dhruva Rajesh Khanzode of CSIR-CSIO with Central Nantes University, Nantes, France:** The Senate took note that Mr. Dhruva Rajesh Khanzode (20EE20A15020), an AcSIR student at CSIR-CSIO, was offered joint supervision of PhD between AcSIR and Central Nantes, France, in the cotutelle mode, based on an Agreement between CSIR-CSIO, Chandigarh and L'Ecole Centrale De Nantes, Nantes, France for Scientific and Technological Collaboration. In view of the career prospects and future interest of the student, the Senate ratified the approval accorded by the Director, AcSIR on the agreement for Joint Supervision of his PhD research work under the guidance of both the supervisors of AcSIR and ECN, France.


The Senate further took note that as per request received from L'Ecole Centrale De Nantes, Nantes, France for entering into an Agreement with AcSIR, appropriate procedure has been initiated, which will cover all the students of AcSIR.

**Item No. 18: Updated information on strength and status of faculty members of AcSIR (Modifications received since 31<sup>st</sup> Senate Meeting):** The Senate ratified the updates in the list of faculty members of AcSIR, as approved by the Chairperson, Senate, since the 31<sup>st</sup> Senate meeting.

The Senate took note that currently **2735** Scientists from the AcSIR Research Institutes, i.e., the CSIR and other affiliated non-CSIR Institutes CSIR are recognized as Faculty of AcSIR, as detailed below:

Faculty designation	Number
Assistant Professors	1519
Associate Professors	666
Professors	505
Outstanding Professors	37
Emeritus Professors	8
<b>TOTAL</b>	<b>2735</b>

**Item No. 19: Degree format for Integrated Dual Degree Program: IDDP (MTech-PhD):** The Senate ratified the approval accorded by the Chairperson, Senate on the format of the Degree Certificate for the Integrated Dual Degree Program: IDDP (MTech-PhD).



**Item No. 20: Reconstitution of the Board of Studies:** The Senate ratified the reconstitution of the following Boards of Studies by the Director, AcSIR, as per Clause 31 of the AcSIR Statutes, 2017:

- a. Board of Studies for Biological and Chemical Sciences Cluster
- b. Board of Studies for Engineering and Physical Sciences Cluster

The Senate further ratified that considering the small number of students, the activities of the Mathematical and Information Science Cluster will be looked after by the Board of Studies in Engineering and Physical Sciences. Also, the activities of the newly created Faculty of Agricultural Sciences and Faculty of Medical Research shall be looked after by the Board of Studies for Biological and Chemical Sciences.

### ITEMS FOR DISCUSSION AND APPROVAL

**Item No. 21: Minutes of the 23rd meeting of the Finance Committee:** The Senate considered the Minutes of the 23<sup>rd</sup> meeting of the Finance Committee in detail and approved the following:

Item	Recommendation of Finance Committee
<b>Item No. 11:</b> Expenses for 7 <sup>th</sup> Convocation 2023	Expenditure to the tune of Rs. 34.48 lakhs.
<b>Item No. 12:</b> Revised Budget (RE) for FY 2023-2024 and Budget Estimate (BE) for FY 2024-2025	(i) Revised Estimate (RE) for FY 2023-2024 as Rs. 916.00 Lakh against the approved Budget Estimate (BE) of Rs. 1,217.00 Lakh; (ii) Budget Estimate (BE) for FY 2024-2025 for Rs. 1260.50 Lakh against an anticipated income of Rs. 2726.12 lakhs. <i>(Approval of the Chairperson, BoG received on 28.03.2024)</i>
<b>Item No. 13:</b> Revision/introduction of various fees	(i) Honorarium for External Examiners for PhD Thesis evaluation: Proposed revision to Rs. 6000 for Thesis Examination by External Examiners and Rs. 4000 for conduct of viva voce to remain unchanged; (ii) Professional Fee payable to the AcSIR Coordinators at the CSIR Institutes: Revision of Professional Fees payable to the AcSIR Coordinators at Rs. 7000/- per month (iii) Introduction of Professional Fee payable to the AcSIR Coordinators at the ICMR Institutes, affiliated through a MoA with AcSIR: Introduction of Professional Fees for all the AcSIR Coordinators at all the ICMR Institutes, at the rate of Rs. 7000/- per month
<b>Item No. 15:</b> Creation of additional posts at AcSIR-HQs	<b>Manager:</b> Creation of additional 05 positions (taking the total sanctioned posts to 08); <b>Senior Manager:</b> Creation of additional 02 positions (taking the total sanctioned posts to 04); <b>Assistant Director:</b> Creation of additional 02 positions (taking the total sanctioned posts to 03); <b>Junior Assistant:</b> Creation of 02 new positions; and <b>Multi-Tasking Staff:</b> Creation of 02 new positions





Item	Recommendation of Finance Committee
	These posts will be considered as sanctioned posts for each position and will be filled in future as per the needs of AcSIR, with appropriate approvals.
<b>Item No. 16:</b> Renovation of AcSIR HQs.:	An approximate cost of Rs. 75 lakhs for Civil and Electrical (including AC) Works and another Rs. 20.0 lakhs for Furniture etc.
<b>Item No. 18:</b> Perks/allowances for the Chairperson, AcSIR: The FC suggested creation of provisions of Office Maintenance Expenses for Chairperson, AcSIR	<ul style="list-style-type: none"> <li>(i) Providing Secretarial Assistance to the office of the Chairperson, BoG;</li> <li>(ii) Contingency Budget allotment of Rs. 2.0 lakh per year for Chairperson Office Expenses including postal charges, office supplies and related expenses, hospitality for visitors etc.;</li> <li>(iii) Payment/reimbursement of Airfare by admissible class of travel while on official duty of AcSIR;</li> <li>(iv) Arrangements for appropriate Accommodation and Local Travel while on official duty of AcSIR.</li> </ul>
<b>Item No. 19:</b> Provisions for introduction of Contingent Advance to Employees	Recommended contingent advance equal to a maximum of three months basic pay (with a ceiling of Rs. 1.5 Lakhs), upto the post of Senior Manager, with flexible repayment terms.
<b>Item No. 20:</b> Establishment of an independent premises of AcSIR HQs.	Recommended exploration of possible locations, preferably in Delhi or in the Institutional areas of Delhi-NCR areas, on long-term lease or for procurement, within the financial means of AcSIR.
<b>Item No. 21:</b> Creation of a Corpus Fund for AcSIR	Accumulation of Rs. 100.0 crores over a period of time making provisions for the future, primarily for the following purpose: <ul style="list-style-type: none"> <li>(1) Infrastructure development;</li> <li>(2) Human Resource development;</li> <li>(3) Other exigencies of emergent nature.</li> </ul>

**Item No. 22: Recognition of Director General, ICMR as Professor of Eminence, AcSIR:** The Senate endorsed the proposal of recognition of Dr. Rajiv Bahl, the current Director General, ICMR as a Professor of Eminence of AcSIR, per provisions of Clause 45 of AcSIR Statutes, 2017. It was further resolved that, in future, Director General, ICMR shall be recognized as Professor of Eminence of AcSIR, till the MoA between AcSIR and ICMR remains in force.

The matter may be placed to the Board of Governors for approval.

**Item No. 23: Revision in eligibility conditions for Inter-Institutional Transfer of PhD Students:** The Senate resolved that transfer requests of PhD students to such Institutes, where he/she had applied but was not selected/waitlisted will not be considered. However, in cases where requests of transfers



are to such institute where he/she had not applied, may be considered as per the existing rules of AcSIR. Also, no such inter-institutional transfer request shall be permitted after the student has successfully cleared his/her Comprehensive examination. The other terms and conditions, including the process of seeking the inter-institutional transfer for PhD students, as detailed at AcSIR OM No. AcSIR/8/1(1)-2023-3 dated 17.03.2023 would continue to remain in-force.

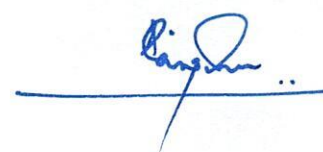
**Item No. 24: Modification in Admission timeline of AcSIR:** The Senate authorized the Director, AcSIR to approve modifications in the admission timelines for each academic session, on the recommendations of the Directorate of Academic Affairs.

**Item No. 25: Restructuring of the Boards of Studies:** The Senate considered the proposal for restructuring of the Boards of Studies, as recommended in the Joint meeting of the Board of Studies for 'Engineering & Physical Sciences Cluster' and 'Biological & Chemical Sciences Cluster', held on May 03, 2024. In view of the expansion of activities under each of the Faculty of Study and the recent introduction of two new faculties of studies, viz., Faculty of Agricultural Sciences and Faculty of Medical Research, and Senate endorsed the following restructuring for better monitoring and management of the academic activities under each of the Faculty of Study:

- (1) The Board of Studies in Biological and Agricultural Sciences;
- (2) The Board of Studies in Chemical Sciences;
- (3) The Board of Studies in Engineering Sciences including the Mathematical and Information Sciences;
- (4) The Board of Studies in Medical Research;
- (5) The Board of Studies in Physical Sciences

**Item No. 26: Policy for recognition of non-PhD Faculty with MD and equivalent degrees as primary PhD supervisors:** The Senate considered the proposal in view of the need for recognition of medical professionals with MD/MS or equivalent degrees, at the ICMR and other affiliated Institutes, as primary supervisors of students enrolled in AcSIR PhD program. It was pointed out that most of the Medical Institutes, viz. AIIMS, PGIMER, JIPMER, including the Medical Council of India permit the MD qualified faculty to register PhD students as primary supervisors. It was also mentioned that AcSIR should have an open and holistic outlook on this academic matter and that MD/MS qualified doctors/scientists with established research credentials should be allowed to act as the primary supervisor. However, a few members including the Director, CSIR-NBRI opined that the MD/MS qualified faculty with adequate research experience can act only as a co-supervisor of the PhD students and not as a primary supervisor.

The Chairperson suggested that research in medical sciences may be looked differently from the other areas of sciences, owing to the growing need for developing trained researchers in the area of medical



research as this would also act as a fillip to overcome the dearth of research doctorates in medical sciences in the country. Finally, it was decided that the matter may be taken to the Board for a decision on the matter.

**Item No. 27: Proceedings of the Joint meeting (8th) of the Board of Studies for 'Engineering & Physical Sciences Cluster' and 'Biological & Chemical Sciences Cluster':** The Senate endorsed the following recommendation of the Board of Studies (as detailed at **Annexure M-1**):

- 1) Introduction of a course for Ph.D./ Masters' program entitled "Intellectual Property Rights Management" jointly with CSIR-Innovation Protection Unit (IPU) as nodal institute: All the members appreciated the idea of introducing a course on IPR Management in the course work of PhD and Masters' program. The Dean, ES opined that the course should be approved as an optional audit course for Engineering Sciences students. After thorough deliberation, the introduction of the course on 'IPR Management' as mandatory audit course was approved based on majority decision.
- 2) Integration of courses from Massive Open Online Courses (MOOCs) platforms like Study Webs of Active-Learning for Young Aspiring Minds (SWAYAM) into AcSIR Curriculum for Ph.D.: Approved in principle, integration of the coursework from MOOCs platforms like SWAYAM, NPTEL, etc. into AcSIR curriculum for Ph.D., Masters and IDDP programs.
- 3) Coursework for Ph.D. (Agricultural Sciences): Adoption of the ICAR approved courses, as suggested by the expert committee. The courses would be sent to the Dean and Associate Dean of relevant Faculty of Study for their review and final recommendations.
- 4) Introduction of Post Graduate Diploma in "Lifestyle Accessories" by the CSIR-Central Leather Research Institute, Chennai.
- 5) Introduction of Post Graduate Diploma in "Leather Technology" by the CSIR-Central Leather Research Institute, Chennai.
- 6) Proposal for new Master of Science Programs from ICMR-National Institute of Nutrition (ICMR-NIN), Hyderabad in (i) Applied Nutrition, and (ii) Sports Nutrition.
- 7) Introduction of new Integrated Dual Degree Program (IDDP-MTech+PhD) in "Mining Engineering" from CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR), Dhanbad.
- 8) Addition, deletion, modification of Ph.D. courses: The courses would be shared with the Dean and Associate Dean of the relevant Faculty of Study for their review and final recommendations.
- 9) Rationalization of coursework for Ph.D.: The Senate considered the observation of the BoS that rationalization of courses is needed in order to make teaching-learning more efficient and monitoring more effective and authorized the Director, AcSIR to constitute committees in different faculty of study to review the courses for rationalization as well as removal of redundancy in the content of different courses and propose continuation/discontinuation of some of the courses.



10) Additional Items:

- (i) Proposal from IIT, Goa to establish a joint MTech Program in “Marine Science and Engineering”: Endorsed the proposal in principle. The Senate opined that further inputs be obtained before it is placed for formal approval.
- (ii) Proposal for introduction of an Online Certificate Course on “Energy Literacy Training”: The Senate approved the online certificate course (of 3 hours duration) for AcSIR students on “Energy Literacy Training” from the Energy Swaraj Foundation be taken by all AcSIR students.
- (iii) Restructuring of Boards of Studies: The Senate recommended the proposal (as detailed at Item No. 25) for taking it up at the appropriate forum for approval.

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

**Additional Item 1: Issues related to the mandatory requirement of spending one semester at the Institute of the Supervisor / Co-Supervisor of the Group III and IV employees of CSIR and other affiliated Research Institutes:** The Senate had a detailed discussion on the matter and it was resolved that the modalities as referred in the OM. No. AcSIR/8/1 (1)-2021 dated 05.02.2021 be exemplified in terms of the period to be spent by the PhD student in the Laboratory of external co-supervisor, if required.

**Additional Item 2: Proposal for collaboration with University of Melbourne, Australia for Joint PhD Degree program in cotutelle mode:** The Senate accorded in-principle approval to the proposal.

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



(Prof. Manoj Kumar Dhar)  
Chairperson, Senate

## Details of recommendations of the BoS meeting held on May 3, 2024:

### A. Proposal for Audit Course on ‘Intellectual Property Rights Management’ by CSIR-Innovation Protection Unit (CSIR-IPU)

This course is divided into four following modules (of 14 contact hours, which is equivalent to 1 credit):

- Overview of Intellectual Property
- Patent Law, Patent Search, Drafting & Filing Procedure in India
- Trademarks, Design, Copyright and Geographical Indications
- IP Valuation, IPR Management, Litigation, Dispute Resolution

### B. Ph.D. Coursework for Agricultural Sciences:

**ICAR Course Content Review:** The committee examined ICAR’s course content for PhD programs in Agriculture Sciences. They recommended adopting the following ICAR Courses for the program (attached are the detailed annexures):

- Plant Protection. (in ICAR PG Syllabi Vol-01)
- Horticulture Sciences. (in ICAR PG Syllabi Vol-01)
- Agronomy. (in ICAR PG Syllabi Vol-02 under Physical Sciences)
- Soil Science. (in ICAR PG Syllabi Vol-02 under Physical Sciences)
- Biotechnology and Bioinformatics. (in ICAR PG Syllabi Vol-02)
- Agriculture Engineering. (in ICAR PG Syllabi Vol-04)
- Food Technology. (in ICAR PG Syllabi Vol-04)
- Extension Education and Communication Management. (in ICAR PG Syllabi Vol-06)
- Food and Nutrition. (in ICAR PG Syllabi Vol-06)

Institutes under the Faculty of Agriculture Sciences could choose courses based on faculty expertise. A pool of experts from AcSIR affiliated centres would administer courses.

The Senate

### C. PG Diploma in “Lifestyle Accessories” from CSIR-CLRI, Chennai

Course duration of the program is 1 years (two semesters)

Proposed seats: 10

Snapshot of credit distribution:

Semester	Coursework Credits	Total Credits
I	20	20
II	20	20
Total	40	40

**D. PG Diploma in “Leather Technology” from CSIR-CLRI, Chennai.**

Course duration of the program is 1 years (two semesters)

Proposed seats: 10

Snapshot of credit distribution:

Semester	Coursework Credits	Industrial Training / Project Credits	Total Credits
I	15	Industrial Training: 2	17
II	25	Industrial Training: 2 Mini-Project: 6	33
Total	40	10	50

**E. Proposal for M.Sc. Programs from ICMR-National Institute of Nutrition (ICMR-NIN), Hyderabad**

**Proposed Number of Seats:**

- M.Sc. (Applied Nutrition): **22 seats**
- M.Sc. (Sports Nutrition): **17 seats**

**Duration:** 2 years (4 semesters)

Snapshot of credit distribution:

Semester	Coursework Credits	Internship/ Dissertation Credits	Mini-Project/ Dissertation Credits	Total Credits
I	20	--	--	20
II	20	--	--	20
III	20	--	--	20
IV	--	Internship/ Dissertation: 24	Mini-Project: 4	28
Total	60	28		88

**F. Proposal for Integrated Dual Degree Program (IDDP- M.Tech.+Ph.D.) in ‘Mining Engineering’ from CSIR-CIMFR, Dhanbad.**

Duration: 2+6 years

Following is the distribution of credit distribution and program fulfillment requirements:

Semester	Coursework Credits	Mini-Project/ Credits	Dissertation	Total Credits
I	20	--	--	20

**Annexure M-1**

II	20	--	20
III	--	Internship/ Mini-Project: 4 M.Tech Dissertation Part-I: 10	14
IV	--	M.Tech Dissertation Part-II: 14	14
Total	40	28	68
Societal Program of 4 credits needs to be completed preferably by end of 3 <sup>rd</sup> year.			
<b>Submission of Ph.D. Thesis</b>			

**G. Online Certificate Course on 'Energy Literacy Training' by Energy Swaraj Foundation**

Energy Literacy Training includes the understanding of energy generation, its consumption, its use, misuse and inefficient use, opportunities to conserve energy and generate clean energy. It includes 12 modules of 15 minutes each.