



ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH
(AcSIR)

Proceedings of the 25th Meeting of the Senate

The 25th meeting of Senate of Academy of Scientific and Innovative Research (AcSIR) was held on November 11, 2019 at 16:30 hrs. at CSIR-Science Centre, Lodi Road, New Delhi. The meeting was attended by the following members of the Senate:

Sl. No.	Name of Participants	Mode of Participation
1	Prof. Rajender S. Sangwan , Director, AcSIR, Chairman	In Person
2	Prof. K. Ravikumar , Associate Director, AcSIR, Member	In Person
3	Prof. Ajay Dhar , Associate Director, AcSIR, Member	In Person
4	Prof. Paramjit Khurana , University of Delhi South Campus, Member	In Person
5	Prof. Rakesh Mishra , CSIR-CCMB, Member	In Person
6	Prof. G. Narhari Sastry , CSIR-NEIST, Member	In Person
7	Prof. Suman Kumari Mishra , Dean, Engg. Sc.s, CSIR-NML, Member	In Person
8	Prof. Shantanu Sengupta , Dean, Biological Sc., CSIR-IGIB, Member	In Person
9	Prof. Danda Srinivas Rao , Dean, Physical Sc., CSIR-IMMT, Member	In Person
10	Prof. V. Subramanian , Dean, Chemical Sc., CSIR-CLRI, Member	In Person
11	Dr. Ramanuj Narayan , CSIR-IICT, Member	In Person
12	Prof. Chetan Gadgil , Asso. Dean, Engg. Sc., CSIR-NCL, Member	In person
13	Prof. Sunil Kumar Singh , CSIR-NIO, Member	VC
14	Ms. Divya Agrawal , CSIR-CSIO, Member	VC
15	Dr. Prosenjit Das , CSIR-CMERI, Member	VC
16	Prof. GK Patra , Asso. Dean, Math. & Info. Sc., CSIR-4PI, Member	VC
-	Ms. Arpita Sengupta , Sr. Manager, AcSIR, Non Member Secretary	In Person

* The members participating through electronic media (VC) could participate in discussion and deliberations of the meeting with clarity.

Prof. Partha Pratim Chakraborty, Prof. Sharada Srinivasan, Prof. Santosh Kapuria, Prof. A. Ajayaghosh, Prof. Amitabha Chattopadhyay, Prof. L. Venkatakrishnan and Dr. S. Venkata Mohan could not attend the meeting due to their other engagements.

The quorum of the meeting was fulfilled.

INITIATION OF THE MEETING

Item No. 1: Welcome address and update of major activities by the Chairman of the Senate: Prof. Rajender S. Sangwan, the Chairman, Senate extended a warm welcome to all the members of the reconstituted Senate, who were participating either in person or through video mode. This being the first meeting of the reconstituted Senate, the members introduced themselves.

The Chairman, Senate gave a brief introduction about the unique model of AcSIR, its functioning and the current student status of more than 4000 students enrolled in PhD programs. The members were also apprised about the introduction of the AcSIR Best PhD Thesis Award and that the first batch of 10 students selected for the Best Thesis Award 2018. He also apprised the members that the 5th Convocation of AcSIR was being scheduled for November 12, 2019 where the degrees would be conferred on students who had completed the degree requirements and their results approved by the Chairman, Senate upto November 07, 2019. The Chairman further apprised the members that AcSIR would be competing for NIRF ranking 2020 and was in the process of data compilation for the same and expressed hope that AcSIR would be able to achieve a significant ranking. The members appreciated the efforts of AcSIR.

Item No. 2: Confirmation of the minutes of the 24th meeting of the Senate: The proceedings of the 24th meeting of the Senate, held on August 08, 2019 were communicated to the members for which no comments were received.

The Chairman, Senate apprised the Senate at this point that there has been an inadvertent omission in reporting of the Agenda items at Item No. 18 (iv) of the 24th Senate, where the following para got inadvertently omitted from the Agenda/proceedings of the 24th Senate meeting:

“if there is no identical value in the respective column of the increment table (as detailed in the Table 4 of the recommendation), then the salary shall be fixed at the value in the immediate next higher cell in the same column.”

The members accepted that this was already an accepted procedure for fixation of salary, therefore, agreed that the para be included in the rules for fixation of emoluments.

Apart from the above, the Chairman, further invited comments from the members, if any, then and there at the meeting. No comments were made by any member and the Senate confirmed the proceedings of the 24th meeting of the Senate.



Item No. 3: Action Taken Report (ATR) on the 24th 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 24th meeting of the Senate. Members were also updated about the extent of completion /progress of tasks in this regard. Detailed discussions were held on those items where difficulties in implementation were encountered.

- (i) **Item No. 8: Maximum tenure of PhD for students of 2011 and 2012 Batches:** It was suggested by the Senate to track regular conduct of DAC meetings through shared databases by Associate Dean/ Dean of concerned Faculty of Study. The Senate was informed that the modalities for creation of shared databases were being looked into for its early implementation.
- (ii) **Item No. 18: Minutes of the 16th meeting of Finance Committee:** The Senate was informed that the following actions have been taken against each of the item below:
- Implementation of revision of emoluments, terminal benefits, other benefits and Leave and Travel rules for the employees of AcSIR: It was reported that certain pre-requisites were being completed before implementation of the revised remuneration of the employees.
 - Closure of the SBI account of AcSIR held at Tidel Park Branch, Chennai: Necessary approval have been taken for initiation of the closure process.
- (iii) **Item No. 19: Fixation of Cohort Fees for the year 2020:** The members were informed that the Cohort Fees for the year 2020 has been implemented for the admissions announced for January 2020 semester as per policy approved by the Senate at its 21st meeting held on August 13, 2018.
- (iv) **Item No. 21: Format for final Certificate issued for Integrated Masters'-PhD and Joint PhD programs of AcSIR:** The suggested format has been implemented.
- (v) **Item No. 24: Proposal for introduction of new Faculties of Study (a) Pharmaceutical Sciences and (b) Agricultural Sciences:** The Senate was informed that prospective members for each of the committees were being considered for constitution of suitable Committees, which would give their recommendation.
- (vi) **Item No. 25: Supplementary Items:** Availability of URKUND-Plagiarism Detection Software (PDS) by all AcSIR Centres: It was pointed out by the members that most of the CSIR Laboratories (AcSIR Centres) were already having iThenticate software for Plagiarism Check. Further, it was pointed out that URKUND has certain shortcomings. Therefore it was strongly suggested by the members that those CSIR Labs and AcSIR Centres who do not have iThenticate software should be urged to procure licenses for the same.

ITEMS FOR INFORMATION

Item No. 4: Inter-Lab Transfer of AcSIR students: The Senate noted the transfer of following students from one CSIR Lab to another:

Name of the Student	Faculty	Enrollment No.	CSIR Lab	
			From	To
Aishwarya Rajlaxmi	Biological Sciences	10BB18A3301 4	CSIR-IHBT	CSIR-NPL
Ragammanavara Santhappa	Physical Sciences	10PP19A3903 1	CSIR-NIIST	CSIR-NPL

Item No. 5: Change of faculty/discipline of study of AcSIR students: Senate noted changes in Faculties by the AcSIR students as detailed below:

CSIR-Lab	Name of the Student	Faculty	Enrollment No.	Changed Faculty	Revised Enrollment No.
CSIR-IITR	Yahavi C	Chemical Sciences	10CC19J22 004	Biological Sciences	10CB16A15002
CSIR-IICT	Mamta Talati	Biological Sciences	10BB19A18 066	Chemical Sciences	10BC19A18066
CSIR-CSIO	Dhirendra K. Dhruwe	Physical Sciences	10PP16A15 002	Chemical Sciences	10PC16A15002

Item No. 6: Change of students' PhD program from Regular to Part-Time: The Senate noted the cases, as detailed below, for conversion of PhD program from Regular to Part Time as per AcSIR rules:

Student	Registration No.	Lab	Faculty	Open Colloquium	Approval of Chairman, Senate
Alfa Sarita Mohanty	10BB14J360 08	CSIR-IMMT	Biological Sciences	02.08.2019	09.11.2019
Brahmdutt Arya	10CC16J320 12	CSIR-NPL	Chemical Sciences	08.08.2019	09.11.2019

Item No. 7: Students availing Academic Break: The Senate noted the cases of 03 students who had been granted One Time Academic Break following AcSIR rules, as detailed below:

R. Dhyani

Student	Registration No.	Lab	Faculty	Academic Leave From	Period upto
Ria Khare	10BB14J250 02	CSIR- NBRI	Biological Sciences	01.08.2019	31.01.2020
Mohan Kumar AS	10BB17J080 10	CSIR- CFTRI	Biological Sciences	01.08.2019	31.08.2020
Salil Kumar Arkvanshi	10BB16A250 06	CSIR- NBRI	Biological Sciences	06.11.2019	05.11.2021

Item No. 8: Updates on joining of students for all academic programs of AcSIR for August 2019 session: The Senate was informed that out of the total 953 selected students for PhD Sciences, Engineering and Integrated Dual Degree (MTech-PhD) program under Engineering Sciences, 672 students have joined their respective programs. Also, out of 117 selected students under the MTech, Msc programs of CSIR-CFTRI, CSIR-NISCAIR and PHFI and PG Diploma programs, 86 students have joined their respective programs.

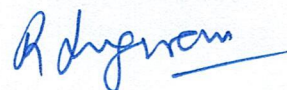
The members appreciated the total intake of 758 students against the total selection of 1070 students for the different academic programs.

Item No. 9: AcSIR Best PhD Thesis Award 2018: The Senate was informed that the **AcSIR Best Ph.D. Thesis Award** was instituted by the AcSIR Senate at its 20th meeting (held on January 25, 2018), one award for each of the 5 faculty of study of AcSIR. Due to the large number of PhD awardees for the year 2018 (549 PhDs awarded in 2018), it was felt the total number of 5 Best Ph.D. Thesis Awards would be too less. Therefore, with approval of the Competent Authority, the number of Best Ph.D. Thesis Awards was increased to 11 for 2018 with Faculty-wise distribution of Biological Sciences-3, Chemical Sciences-3, Physical Sciences-2, Engineering Sciences-2, and Mathematical and Information Sciences-1.

Accordingly, 10 PhD Thesis have been selected for the award of the AcSIR Best PhD Thesis Award for 2018, who would be conferred the award at the 'Awards and Investiture Ceremony' on November 13, 2019.

ITEMS FOR RATIFICATION

Item No. 10: Results and award of PhD Degrees in Science and Engineering: The Senate ratified the result of 125 students (since the 24th meeting held on August 08, 2019) who had completed all the academic requirements for the award of PhD degree, including the successful completion of the viva voce examination. These degrees would be conferred on the successful students at the 5th Convocation scheduled for November 11, 2019.



The Senate was informed that since inception, **1934 PhD Degrees had been awarded** by AcSIR (till November 07, 2019). The Senate appreciated the efforts of the AcSIR personnel for speedy processing of the PhD Degree certificates.

Item No. 16: Results and award of Master's Degrees:

- i) The Senate ratified the updated results of **02** of the **08** students of Integrated M.Sc.-Ph.D Programs in Clinical Research (at IIPH, New Delhi);
- ii) The Senate ratified the results of **30** students of M.Sc Food Technology at CSIR-CFTRI (2017-2019) batch.

ITEMS FOR APPROVAL

Item No. 12: Integrated Dual Degree Program (IDDP) proposed by CSIR-CMERI:

The Senate was briefed about the procedural shortcomings before start of the two Integrated Dual Degree (MTech-PhD) Programs, i.e., (i) Mechatronics and (ii) Machine Design at CSIR-CMERI, where the programs were introduced from the August 2019 session with approval of the Dean, Engineering Sciences only. Formal approval of the Senate remained to be taken. After detailed review of the matter, the Senate accorded post-facto approval for the regularization of the two IDDP Programs (i) Mechatronics and (ii) Machine Design at CSIR-CMERI, effective from the August 2019 session.

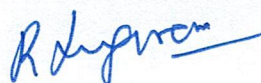
Item No. 13: M.Tech Program proposed by CSIR-CMERI

CSIR-CMERI, Durgapur has proposed initiation of three independent M.Tech Programs: (i) M. Tech in "Mechatronics"; (ii) M. Tech in "Farm Machinery and Power Engineering (FMPE)" and (iii) M. Tech in "Design of Machinery and Equipment (DME)", which are proposed to commence from January 2020 session. The Senate was informed that these MTech programs were being proposed under the CSIR, India-MIDI, Ethiopia Agreement of 2017 aimed at R&D capacity building of MIDI, Ethiopia and primarily students from Ethiopia would be trained under these programs. After evaluating the success and acceptability of these programs, these programs may be extended for Indian students also. It was decided that the program fee would remain cohort-based and would be similar with other MTech programs offered at AcSIR, i.e., Rs. 26000/- per semester, i.e., Rs. 52,000/- per year (for 2020 cohort).

The Senate approved the proposed MTech programs of CSIR-CMERI to accept students from January 2020 session.

Item No. 14: Any other Item with permission of the Chair:

- (i) Prof. Rakesh Mishra suggested that CSIR should ensure affiliation of each Lab to the AcSIR programs only and Labs should not affiliate themselves with any other Universities for their academic programs;



- (ii) Prof. Rakesh Mishra further suggested that even the AcSIR faculty, apart from the students, should be encouraged to use their AcSIR affiliation for showcasing the value of AcSIR;
- (iii) Prof. Rakesh Mishra and Prof. Suman Mishra indicated that PhD enrollment of CSIR Group III and Group IV includes a mandatory provision of spending one semester at another institute which raises some administrative difficulties with respect to their leave, responsibilities at Lab etc. However, the members opined that this matter needs further discussion in multiple perspectives.
- (iv) Prof. Paramjit Khurana suggested that AcSIR should organize annual meetings and symposia for the AcSIR students and CSIR labs should be encouraged to jointly host such programs with AcSIR.

The Chairman, Senate thanked all the participating members for their presence in the meeting and their valuable suggestions for taking AcSIR forward.

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



(Prof. Rajender Singh Sangwan)
Chairman, Senate