

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

Eleventh Meeting of the Senate

8th August 2014; 11:00 hrs

Venue: Room No. 101, CSIR Headquarters, 2 Rafi Marg, New Delhi 110001

| Sl.No. | Name of the Member | Mode of Participation |
|--------|--|-----------------------------|
| 1. | Prof. Nagesh R. Iyer | In person |
| 2. | Prof. Kunal Ray | In person |
| 3. | Prof. K.S. Krishna | In person |
| 4. | Prof. S.K. Bhattacharyya | In person |
| 5. | Prof. Amitava Sengupta | In person |
| 6. | Prof. Prem Krishna | In person |
| 7. | Dr. Poonam Arora | In person |
| 8. | Prof. Rakesh Mohan Jha | In person |
| 9. | Dr. Shantanu Sengupta | In person |
| 10. | Prof. (Mrs) Santa Chawla | In person |
| 11. | Prof. B.D. Kulkarni | Video Conference |
| 12. | Prof. A. Ajayaghosh | Video Conference |
| 13. | Prof. B.K. Mishra | Video Conference |
| 14. | Dr. Vijaya Mohanan K Pillai | Video Conference |
| 15. | Prof. (Mrs) Lakshmi Kantam | Video Conference |
| 16. | Prof. S. Srikanth | Video Conference |
| 17. | Prof. Vivek Ranade | Video Conference |
| 18. | Prof. Suman Kumari Mishra | Video Conference |
| 19. | Prof. R.K. Baruah | Video Conference |
| 20. | Dr. Shankar Doraiswamy | Skype |
| 21. | Dr. Rajesh Luthra, Head, CSIR-HRDG | In person (Special Invitee) |
| 22. | Prof. Raj Singh, Coordinator, CSIR-CEERI | In person (Special Invitee) |

The members participating through Video Conferencing or Skype could follow the proceedings of the meeting with complete clarity and there was no hindrance in conducting the meeting.

Prof. Amitabha Chattopadhyay, Prof. Partha Banerjee, Prof. Pijush Pal Roy, Prof. Ram Rajsekharan, Prof. (Mrs.) Asha A. Juwarkar, Prof. Javed N. Agrewala, Prof. Shyam Sundar Rai, Dr. Rajan Sankaranarayanan, Dr. Vinod Scaria, Prof. Dinesh Singh and Dr. Pronab Sen could not attend the meeting due to prior commitments. They were granted leave of absence.

INITIATION OF THE MEETING

Item No. 1: Prof. Nagesh R. Iyer, Acting Director, AcSIR and Chairman of the Senate welcomed all the members of the Senate and thanked them for participating in the eleventh meeting of the Senate. He specially welcomed Dr. Rajesh Luthra, Head, CSIR-HRDG and Prof. Raj Singh,

Coordinator, CSIR-CEERI for taking time to attend the meeting in which certain major relevant items are supposed to be discussed.

Item No. 2: The Minutes of the 10th meeting of the Senate held on April 4, 2014 were circulated among its members on April 18, 2014. It received a minor comment from CSIR-AMPRI, which was incorporated and the final amended version was circulated by e-mail on April 19, 2014. It did not receive any other comment/suggestion from the members. The Minutes was unanimously approved by all the members attending the meeting in person or through electronic media.

Item No. 3: With respect to the Action Taken Report the following discussion took place:

Board of Studies: The Chairman, Senate informed that the Board of Studies (BoS) are in the process of being formed. Names of RC members of all labs have been received and names of possible members are being discussed for finalization of the Board of Studies. Once formed, the BoS will be placed to Senate for approval and subsequently to the Board of Governors for ratification.

Visiting Faculty of AcSIR: The Senate was informed that the new Finance Committee has been recently formed, who will take up the matter for review of the financial aspects and implications for institution of the positions. The Finance Committee will submit their report to the Senate Committee formed for the purpose.

On-line Courses: The Senate was informed that the report of the Course Committee on On-line Courses is being tabled as a separate agenda item for consideration/approval of the Senate.

Diploma in 'Patinformatics': The Senate was informed that the Board of Governors have approved the introduction of the Diploma in Patinformatics at CSIR-URDIP. First batch of students have been selected for the August 2014 session.

Guidelines for Integrated (Direct) PhD and Industry Sponsored PhD (for Students with Science degree): The Senate at its 10th meeting had recommended further evaluation of the proposals with respect to the credit/minimum residency requirements. The Senate was informed that the recommendation of the sub-committee is in the final stage of preparation.

Update in Faculty Guidelines: As recommended by the Senate at the last meeting, INSPIRE fellows who are involved in teaching and other academic activities of AcSIR have been recognized as Faculty of AcSIR (similar to Ramanujan/Ramalingaswami and other equivalent Fellows of AcSIR) and the Faculty guideline has been suitably updated. The issue of inclusion of Research Associates in the same category was discussed by the Senate (as a separate agenda item), but was not approved.

Faculty letters: The Senate was informed that as directed at its last meeting, faculty letters have been dispatched by the Coordination Office. AcSIR website has been updated with the faculty list. Changes in designation, superannuation, new faculty requests are being regularly updated following the laid down procedure.

Guidelines for consideration of Dual Faculty position: It was informed that the report of Committee for Dual Faculty positions of AcSIR has been included as a separate item in the agenda for consideration/approval of the Senate.

Establishment of a Summer Training Program: The proposal from Dr. Shantanu Sengupta for establishment of such a program, has received in-principle approval of the Finance Committee and is being placed to the BoG for its approval. The formal proposal having details about the program including number and amount of fellowships and logistics for administration of such a fellowship has to be prepared for implementation after receipt of necessary approvals of the Board.

ITEMS FOR RATIFICATION

Item No. 4: The Senate ratified the MTech results of 104 students (2012-14 batch) for the award of the Degree. The results of 5 students of CSIR-IICT program on "Process Engineering Science" were delayed from the concerned lab for placing those to the Senate meeting. However, the Senate authorized the Chairman, Senate to approve the results and place it to the Board for ratification before award of the formal degree.

Item No. 5: The Senate ratified the results of 24 students, placed on the table, who have completed all formalities and have been awarded the Provisional PhD degree (in Science) for the award of the Degree. Twelve other students whose results were ratified at the 10th meeting will also receive their degrees at the 4th Convocation on August 28, 2014.

The Senate approved the request of Ashok Vardhana Reddy Konala of CSIR-IICT, who had requested for a title change of his thesis after the viva voce was over. Please see Item No. 14 (a) of the agenda for further detail on this issue.

Item No. 6:

(a) Admissions to PhD program in Science and Engineering: The Senate ratified the admission of 407 students for the PhD (Science) program and that of 109 students for the PhD (Engineering) program of AcSIR for the August 2014 session.

(b) Admissions to the Integrated MTech-PhD program in Engineering: The Senate ratified the admission of 83 students at 9 laboratories across 12 specializations of the IMP program of AcSIR.

(c) Integrated MSc-PhD program in Clinical Research and Health Informatics (AcSIR-PHFI): The Senate ratified the admissions of 14 students at the Health Informatics course and that of 16 students for the Clinical Research course.

(d) Post Graduate Diploma in Patinformatics: The Senate ratified the admission of 14 students for the Post Graduate Diploma in Patinformatics of CSIR-URDIP.

Item No. 7: The Senate ratified the requests for provisional admission of students at CSIR-IGIB, CSIR-IICB and CSIR-NML. However, the Senate recorded that provisional enrollments would not be encouraged in the future and all admissions of AcSIR will have to be through the regular online route only. The Senate suggested that in order that the best students are attracted, the admission portal may be kept functional throughout the year accepting applications.

Prof. Iyer proposed a resolution that the Admission Committee need to formulate guidelines for the continuous application process and submit a report to the Senate before the next meeting. The proposal was accepted by the Senate.

Item No. 8: Course Related Items

The details of the Approved (New and Retrospective) and Modified courses are available at Annexure A-10 (a), (b) and (c) of the Agenda.



(a) Corrections in approval by 10th Senate:

The Senate ratified the incorrect notification of courses in Chemical Sciences of CSIR-AMPRI as Engineering Sciences at the 10th meeting of the Senate.

(b) Retrospective approval of courses at CSIR-NML, CSIR-IHBT and CSIR-IGIB

- (i) The Senate ratified in retrospect the courses in Engineering Sciences of CSIR-NML to be effective from August 2013 session.
- (ii) The Senate accorded retrospective ratification to the Chemical Sciences courses of CSIR-IHBT effective from January 2011 session.
- (iii) The Senate accorded retrospective ratification to the new courses in Biological Science of CSIR-IGIB being offered from January 2012 session and modified courses being offered from 2013 sessions.

(c) Introduction of New Courses

The Senate ratified the introduction of new courses in the following faculty:

The Senate ratified the introduction of new courses in **Biological Sciences** at CSIR-NCL, CSIR-IGIB, CSIR-IHBT, CSIR-CSMCRI, CSIR-CDRI, CSIR-IITR, CSIR-NIIST for PhD program; **Nutritional Biology** at CSIR-CFTRI for Integrated MSc-PhD program and **Clinical Research** at PHFI [MD107 Laboratory sciences (2-0-2-3); proposed as an Additional item of the agenda]

The Senate ratified the introduction of new courses in **Chemical Sciences** at CSIR-NIIST. The Senate refrained from ratification of the courses proposed by CSIR-CRRI in Chemical Sciences as explained below.

The Senate ratified the introduction of new courses in **Engineering Sciences** at CSIR-IICT, CSIR-NCL, CSIR-NIIST and CSIR-CSIO. The Senate refrained from ratification of the courses proposed by CSIR-CRRI in Engineering Sciences as explained below.

The Senate ratified the introduction of new courses in **Physical Sciences** at CSIR-NIIST and CSIR-CSIO. The Senate refrained from ratification of the courses proposed by CSIR-CRRI in Physical Sciences as explained below.

Reasons for restraint in providing approval to the courses proposed by CSIR-CRRI in Chemical, Engineering and Physical Sciences: The names and content of the courses proposed by CSIR-CRRI in Chemical Sciences, Engineering Sciences and Physical Science were found to be similar in nature having only a different course number. The Senate strongly recommended that the contents of the new courses proposed by CSIR-CRRI should be once again reviewed by the respective Deans for appropriateness of being offered at the respective faculty and ensure that the expertise is available in the Lab to undertake courses in the faculty of science proposed.

Modification of Courses

The Senate ratified the modification of courses in **Biological Sciences** at

CSIR-IGIB, CSIR-CSMCRI, CSIR-CDRI and PHFI (in Clinical Research) [as an additional item not included in the Agenda (MD205: Drug Development (2-2-0-4)).

The Senate ratified the modification of courses in **Chemical Sciences**: One course of CSIR-IICT and three courses of CSIR-CSMCRI.

The Senate did not ratify (i) modifications 2 courses proposed by CSIR-CSMCRI, and (ii) the 2 courses proposed for modification by CSIR-CDRI since they did not follow the approved guidelines for credit distribution.

The Senate ratified the modification of courses in **Engineering Sciences** at (i) CSIR-NML, (ii) CSIR-CEERI for its 3 IMP program; (iii) CSIR-NCL; and (iv) CSIR-CSIO.

The Senate ratified the modification of courses in **Physical Sciences** at CSIR-CSIO.

The Senate also ratified the credit distribution of one course being offered at CSIR-NISTADS in **MIS** [MIS-NISTADS-3-351 (Elective): Introduction to Public Health Policy: 1-0-0-1], which was already approved earlier by the Senate.

Prof. S. K. Bhattacharya strongly recommended that a meeting of the course committee be organized as early as possible to review all courses being offered by the different laboratories for consistency in level, curricula, nomenclature and credit distribution. It was also recommended that if a Lab does not have necessary background and faculty to offer specific courses needed there, the students can always opt for courses being offered at other Labs. Also, approved courses being offered at one lab may be adopted by another interested Lab, if the faculties have necessary background and expertise. This will avoid situations where students are unable to take coursework due to lack of approved coursework, trained faculty and infrastructure. The Senate agreed to the proposal.

ITEMS FOR INFORMATION

Item No. 9: Student Related Items

(a) **Transfer of students:** The Senate approved the transfer of the following students at:

- (i) CSIR-CDRI to CSIR-IICT: Mr. Pochampalli Sathyanarayana (10CC12A04039) and Mr. OWK Ravi (10CC13A04025)
- (ii) CSIR-IHBT to CSIR-CDRI: Aditya Lavekar (10CC12J33010) and Saima Malik (10CC11A33012)

Dr. Rajesh Luthra pointed out that notification of such transfers are the responsibilities of the Labs for transfer of the fellowships of the concerned students, sometimes CSIR-HRDG do not receive such information in time. He suggested it would be a good idea that AcSIR reminds the Lab Coordinators transmitting such information of transfer to AcSIR that necessary step must also be taken to inform HRDG for proper disbursement of fellowship and other official paraphernalia. The Senate took a note of the request.

(b) Change of Faculty of study by students

The Senate took note of the requests received for transfer of faculty from the following students:

- (i) **Ms. S Jayashree** (10CC13A05007): Chemical to Physical Sciences at CSIR-CECRI
- (ii) **Mr. Asheesh Kumar** (20EE13J26043): Engg. to Chemical Sciences at CSIR-NCL,
- (iii) **Ms. Hemalatha Kilari** (10CC14J18022): Chemical to Engg. Sciences at CSIR-IICT,
- (iv) **Mr. Nikhil Gauravarapu Navlur** (10BB12A18063): Biological to Engg. Sciences at CSIR-IICT
- (v) **Ms. Shveta Kumari** (10PP11A15001): Physical to Engg. Sciences at CSIR-CSIO

(c) Waiver of minimum residency

- (i) The Senate took note of the approval accorded by the Committee formed by the Dean, Chemical Sciences for waiver of minimum residency for submission of PhD thesis by **Ms. Deepti Mishra and Ms. Shruti Agarkar of CSIR-NCL**.
- (ii) The Senate took note of the waiver of minimum residency accorded by the Chairman, Senate to **Mr. Krishna Nimesh, Trainee Scientist (APST) at CSIR-IIP** for submission of MTech thesis.

Item No. 10: The Senate took note of the formation of the Finance Committee of AcSIR as per Section of the Statutes of AcSIR.

Item No. 11: The Senate took note of the HRD Recognition of AcSIR for the purpose of Attestation of certificates for employment Visas, especially in the Middle Eastern countries.

Item No. 12: The Senate was apprised of all new inclusions/modification of status/updates on superannuation and resignation related to the Faculty list as approved by the Chairman, Senate. The website will be suitably updated.

ITEMS FOR DISCUSSION & APPROVAL

Item No. 13: Provisional Admission related issue at CSIR-IICT:

The Senate discussed in detail the request received from CSIR-IICT for provisional enrollment of two students, Joshi Prabhakar Ramchandra (for January 2013 session) and Srivalli Susmitha Ghatti (for August 2013 session).

It was reported that these two students never enrolled in AcSIR in any manner but have been making monthly payments at the Lab meant as tuition fee for AcSIR. The Academy has no knowledge of these students since the Lab never sent any information related to enrollment of these two students or the fees they have been paying there; therefore, the students do not have any enrollment number from AcSIR. Hence, they are not bonafide students of the Academy.

The Senate deliberated on the issue in detail and decided that the request from the Lab for admission of these students cannot be entertained since it would amount to gross violation of the norms and procedure for admission. Admissibility of such cases will create precedence in future for flouting the procedure and this cannot be allowed. Hence, the Senate advised CSIR-IICT to refund the students the tuition fees paid for AcSIR. The students may apply online and take admission at the next session at AcSIR. The proposal was accepted by the Lab Coordinator and the Lab Director, who is a member of the Senate.

Item No. 14: Thesis submission and Award of Degree related issue

- (a) **Mr. Ashok Vardhan Konala of CSIR-IICT:** The student requested for a change of the title of his PhD thesis after the viva voce examination. The thesis itself contained the title which the candidate wanted to be recorded and this was apparently was not appropriately done in documents available to AcSIR including DAC reports due to oversight. Without the requested change [insertion of the word "indole"] the study would not reflect the breadth of the study conducted, hence the request.

The Senate understood the reason for the request and approved the revised title but pointed out that such oversight is too serious in nature and should not have happened in the first place. The Senate also recorded that this approval should not be considered as a precedence.

In view of the above, the Senate approved the following procedure for change of title of thesis that must be strictly adhered to:

- (i) The Broad area of title of PhD Thesis should be finalized by the time a student appears for the Comprehensive examination.
 - (ii) Any subsequent request for change in thesis title must be reported through the DAC meetings.
 - (iii) The last and final change of thesis title will be allowed at the DAC IV (Open Colloquium) of a student and it must receive due approval of the Dean.
 - (iv) The title provided at the Synopsis (approved at the DAC IV) will be considered as the final Title of the thesis.
 - (v) Beyond the DAC IV, any request for change in title will not be entertained unless the reviewers suggest and the same is accepted by the Competent Authority/Body.
- (b) **Mr. Kota Ramanjaneyulu of CSIR-ICT:** The student completed all necessary requirements for submission of PhD thesis including completion of credit requirements, lab work, conduct of DAC meetings and the minimum residency period in the academic program. He is currently writing his thesis. In the meantime, he has got a job which requires his immediate joining. So he appealed that he may be allowed to stay enrolled as an AcSIR student until he submits his thesis without attending the Lab with permission of the authority.

The Senate approved the request from Mr. Kota Ramanjaneyulu (Registration No. 10CC11J18034) for submission of thesis as a non-regular student of AcSIR. The Senate also approved submission of thesis as non-regular students for similar cases arising in the future, provided all academic requirements have been completed by the student.

Item No. 15: Permission to take up Monbukagakusho Scholarship: The Senate approved in principle the request from **Ms. Rishemjit Kaur at CSIR-CSIO** (Enrolment no. 32EE12J15006) to take up the Monbukagakusho Scholarship for a period of 18 months starting from October, 2014 till March, 2016, subject to her complying with CSIR guidelines.

Item No. 16: Leave of absence of Mr. Tariq Zyeda Trainee Scientist at CSIR-CRRI

The Senate rejected the application received from Mr. Tariq Zyed of CSIR-CRRI (Enrollment No. 30EE13A14006) on the grounds that he was a Trainee Scientist of CSIR who has been deputed to AcSIR for its MTech program. His student status at AcSIR is co-terminus with his position as a Trainee Scientist at CSIR lab.

The Senate clarified that other students, whose positions are not directly linked with CSIR positions, may request for withdrawal for specific period on legitimate ground and return to complete the program. Such cases will be considered by the Senate for approval but not Trainee Scientists of CSIR.

ITEMS FOR DISCUSSION & APPROVAL

Item No. 17: Faculty Related Issues:

- i) **CSIR Staff having MV.Sc qualification**: The Senate approved the inclusion of MVSc degree holders, who otherwise qualify as per the approved Faculty Guidelines, as faculty under AcSIR.
- ii) **Senior Research Associate (CSIR Scientists Pool Scheme)**: The Senate rejected the proposal received from CSIR-OSDD for inclusion of Dr. Swati Subodh, Senior Research Associate (CSIR Scientists Pool Scheme) as a faculty of AcSIR on the grounds that the position of SRA is not qualitatively equivalent with highly competitive Fellowships like Ramanujan/ Ramalingaswamy Fellowships etc.
- iii) **Status of Faculty as a Guide after superannuation**: The Senate approved the request for inclusion of Prof. JS Yadav, Former Director and Bhatnagar Fellow at CSIR-IICT as an Emeritus Professor of AcSIR, which would be an honorary position.

The Senate requested the Coordinator of CSIR-CSMCRI to follow the proper procedure for consideration of Prof. P. Ghosh, former Director of CSIR-CSMCRI as an Emeritus Professor by the Senate of AcSIR to be able to continue having doctoral students enrolled in AcSIR.

The Senate opined that Emeritus Professor would be allowed to act as primary guide of students having a regular CSIR scientists/AcSIR Faculty as co-guides for such students to cope with any contingency that may arise.

The Senate requested the Chairman to form a Committee to look into the procedure that should be followed for consideration of requests for Emeritus Professors of AcSIR.

- iv) **Adjunct Faculty**: The Senate approved the inclusion of **Dr. Amitabh Saraf** to be associated with CSIR-NAL as an Adjunct Professor and **Prof. Srinivas Reddy** to be associated with Renewable Energy program of CSIR-SERC as an Adjunct Professor, both for tenure of 3 years.

Item No. 18: Draft MoA between AcSIR and The L. V. Prasad Eye Institute, Hyderabad:

The Senate examined and approved the Draft MoA between LVPEI-HERF and AcSIR. The Draft MoA will be placed to the BoG, AcSIR at its sixth meeting to be held on August 28, 2014 for final approval for initiation of the joint program and to authorize the Acting Director to sign the MoA on behalf of AcSIR.

Item No. 19: Report on 'Online Courses' at AcSIR: The Senate examined and approved the line of action to be adopted for inclusion of the Online Courses available through various portals. However, the Senate opined that such courses would require close monitoring by the Course Committee of AcSIR.

Item No. 20: Dual Faculty position: The Senate examined and approved the guidelines for consideration of Dual Faculty positions of AcSIR submitted by Prof. S. K. Bhattacharyya, the Chairman of the Senate Committee. Also, the Senate noted that for those faculties of AcSIR

whose request for consideration as a dual faculty has already been approved, should be reviewed by the Committee formed for the purpose and would be requested to indicate clearly among the two different faculty, which one would be considered “Primary” for consideration.

ItemNo.21: Issues related to GATE-JRF fellowships: The Head HRDG, Dr. Rajesh Luthra, a special invitee to the Senate meeting, informed that the issue of increasing the number of GATE-JRF and other proposals put forward by Prof. Raj Singh cannot be implemented due to financial and other administrative constraints. He suggested that the CSIR labs may explore the possibility of inducting students for the IMP program under the CSIR Diamond Jubilee Fellowship program using funds from the CSIR Lab Reserves. He proposed that in order that AcSIR has easy access to the students qualifying the NET-JRF fellowship, CSIR-HRDG would share the contact details of the successful candidates so that the interested labs can directly get in touch with the students. Dr. Luthra was thanked by the members of the Senate for the promise of help to attract more aspiring students in the Engineering Science of the Academy.

Item No. 22: Provision for Hiatus/Break Period for AcSIR-PhD students: As proposed by Prof. Raj Singh, the Senate agreed to the proposal for having provision for an academic hiatus/break period for students during the tenure of their PhD program for various reasons. It was agreed that such requests can be considered on a case to case basis for 3 months at a time. In exceptional circumstances, the break period may be extended for an additional term of 3 months. However, such a request will not be accepted during the first year of enrollment in PhD. The terms and conditions for granting of such request will be decided as per the proposal tabled by Prof. Raj Singh.

Item No. 23: Continuation of PhD as Part time candidate after completion all academic requirements: The Senate deliberated on the proposal received from Prof. Ajay Dhar that students may be allowed to submit their thesis after completion of all academic requirements as a “part-time” candidate. The students, after successfully completing all the academic coursework and credits requirement, experimental work, open colloquium and submission of the PhD synopsis, may seek permission to write the thesis without regularly coming to the lab. After due approval (from DAC as well as the Director of the lab) of the same, the AcSIR coordinator of the lab will duly record it and inform AcSIR-HQ accordingly. The student would have to continue paying the tuition fees till thesis submission and that he/she would have to submit the thesis within the maximum stipulated period as prescribed in Ordinance 4.2.1. However, such request would have to be considered on a case to case basis and would require approval of the Senate. However, as mentioned above in item no.16, Trainee Scientists quitting CSIR job with new assignment will not be given this relaxation for reason explained therein.

Item No. 24: AcSIR-PhD program in the field of Computational Biology at CSIR-NISCAIR: The Senate was given an overview of the findings by the Committee formed for the purpose by the Acting Director, AcSIR under the Chairmanship of Prof. Raj Singh. After reviewing the facts as presented by the Committee, the Senate agreed to the proposal that the PhD program in *Computational Bioinformatics* being offered at CSIR-NISCAIR be discontinued with immediate effect. Taking a comprehensive look at the availability of infrastructure, expertise of the faculty and the mandate of the laboratory, the Senate accepted the recommendation of the

Committee and decided to close the program at NISCAIR. The Senate determined that the basis of the decision to close the PhD program probed also applies to the other PhD program in *Database Systems and Climate Change Informatics* and should be discontinued. The Senate recommended that the students already enrolled for these two PhD programs at CSIR-NISCAIR may be transferred to other relevant laboratories. The Dean/Associate Dean of MIS would oversee identification of possible labs and guides for the enrolled students. However, it was recommended that if required, the current guides of the students at CSIR-NISCAIR may continue as co-guides of the students who would be transferred to other suitable labs to complete their PhD program.

Item No. 25: Modification in Convocation Protocol: The Senate approved the modification of the current protocol of giving away the Convocation stoles to the students considering the escalating cost and other logistic challenges, and approved that the stoles should be distributed only for the occasion and would be taken back at the end of the Convocation ceremony.

Item No. 26: Evaluation of Faculty of AcSIR: As per the direction of the Board of Governors of AcSIR at its Fifth meeting held on March 24, 2014, the Senate took up the issue of evaluation of the Faculty of AcSIR. It was decided that a Committee would be formed by the Acting Director, AcSIR to formulate a procedure for the evaluation.

ADDITIONAL ITEMS

Additional Item No. 1: Proposed guidelines for Integrated MS-PhD (Science) and Industry Sponsored PhD (Science) program: The Senate was informed that the Senate Committee under the Chairmanship of Prof. Kunal Ray was in the final stages of proposing the guidelines. The Senate authorized the Chairman to approve the program on its behalf so that these may be implemented from the next session.

Additional Item No. 2: Proposed guidelines on MS by Research program: The Senate also directed the concerned Committee to expedite formulation of the guidelines for the same and obtain approval of the program from the Chairman, Senate on its behalf. The Senate noted its urgency in finalizing the proposal for the same. The formal guidelines may be informed to the Senate at its next meeting.

The Chairman, Senate thanked all the members present in person and through electronic media and especially the invitees Prof. Raj Singh and Dr. Rajesh Luthra for attending the meeting and sharing their valuable opinion and suggestions on many important issues relevant to the Academy.

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

A handwritten signature in blue ink, appearing to read "Nagesh R. Iyer", is written over a horizontal line.

(Nagesh R. Iyer)
Chairman, Senate