

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

Minutes of the Sixteenth Meeting of the Senate

6th May 2016; 11:00 hrs.

Venue: Workshop I Meeting Room, CSIR-IGIB, Mathura Road, New Delhi 110025

Sl. No.	Name of the member	Mode of Participation
1	Prof. Ram Rajasekharan	In person
2	Prof. Kunal Ray	In person
3	Prof. Amitabha Chattopadhyay, CSIR-CCMB	In person
4	Prof. Raj Hirwani, CSIR-URDIP	In person
5	Prof. G Parthasarathy, CSIR-NGRI	In person
6	Dr. Shantanu Sengupta, CSIR-IGIB	In person
7	Dr. Ramanuj Narayan, CSIR-IICT	In person
8	Prof. KS Krishna, CSIR-NIO	In person
9	Dr. Souvik Maiti, CSIR-IGIB	In person
10	Dr. Manmohan Dass Goel, CSIR-NEERI	In person
11	Prof D Ramaiah, CSIR-NEIST	Video Conference
12	Prof. Raj Singh, CSIR-CEERI	Video Conference
13	Prof. Suman Kumari Mishra, CSIR-NML	Video Conference
14	Prof. A Ajayaghosh, CSIR-NIIST	Video Conference
15	Dr. Rajendra Singh, CSIR-CDRI	Skype
16	Ms. Arpita Sengupta, non-member Secretary	In person

The Quorum requirement (i.e. the presence of 8 members) was fulfilled.

The members participating through video conferencing and skype could follow the proceedings of the meeting with complete clarity.

Prof. AK Tripathy (CSIR-CIMAP), Prof. S. Chandrasekhar (CSIR-IICT), Dr. Anurag Agrawal (CSIR-IGIB), Prof. Partha Banerjee (CSIR-NPL), Prof. KV Raghavan (INAE), Prof. DD Sarma (IISc) and Prof. S. Parasuraman (TISS) did not attend the meeting due to prior engagement. Prof. T.S. Balganes (CSIR-OSDD), Prof. R. Nagaraj (CSIR-CCMB) and Prof. S.K. Bhattacharyya (CSIR-CBRI) have superannuated from their respective positions at CSIR.

INITIATION OF THE MEETING

Item No. 1: Welcome Address by Chairman of the Senate and Acting Director, AcSIR: Prof. Ram Rajasekharan, Acting Director, AcSIR welcomed the members of the Senate. The members were informed about the recent inclusion of AcSIR on the List of Institute of National Importance on the UGC website. The members applauded the efforts taken by Prof. Kunal Ray, Associate Director, AcSIR in achieving this goal, which will immensely benefit the students. The members were also updated about the initiation of AcSIR-Dr. APJ Abdul Kalam Summer Training Program 2016 where 20 students have been selected for the program.

Item No. 2: Update on current Review of AcSIR: Prof. Kunal Ray informed that currently AcSIR is undergoing a review of its performance as per AcSIR Act [ref. clause 31(1)] and the MoU between CSIR & AcSIR (ref. Clause 3). He mentioned that the DG, CSIR has formed a committee to look into the various aspects of functioning of AcSIR including its compliance with the provisions of the AcSIR Act. In the process, different sets of questionnaire on the administrative and financial functioning of AcSIR have been appropriately responded by AcSIR in a timely manner. Any further input from CSIR is currently awaited.

Item No. 3: Confirmation of the minutes of the 15th meeting of the Senate: On circulation of the proceedings of the 15th meeting no comment was received from any of the Senate members. The minutes were accepted by the members of the Senate.

Item No. 4: Action Taken Report on the 15th Meeting of the Senate: The Secretary updated the Senate on the action taken on each item. Only those items for which any action is pending are reported below:

- (i) **Item No. 2: Nominations to replace outgoing members of the Senate:** The process of nomination has been taken up and is under process.
- (ii) **Item No. 2: Filling up of all vacant positions of Deans and Associate Deans:** The nominations for these positions have been received from Senate members and sent to Chairman, Senate for necessary action. During 16th Senate meeting, the Chairman mentioned that the process would be completed soon.
- (iii) **Item No. 4(I): Reconstitution of the Board of Studies:** Currently the Deans and Associate Deans, who are members of the Board of Studies, are on extension after completion of their respective tenure. The Board of Studies will be reconstituted after the appointment of the Deans and Associate Deans.
- (iv) **Item No. 4(III): Introduction of Online Examination of PhD Thesis -** Prof. Raj Hirwani informed that due to some miscommunication the necessary procedure for online Thesis submission for examination could not be initiated. He assured that the process will be initiated soon at CSIR-URDIP with necessary input from AcSIR offices, as appropriate.
- (v) **Item No. 4(VI): Research Orientation Program: Participation Certificate:** The Certificates have been printed and are with CSIR-HRDC for signatures.
- (vi) **Item No. 4(XI): Guidelines for academic leaves of M.Tech students:** Prof. KV Raghavan had volunteered (in 13th meeting of 23.01.2015) to formulate the required guidelines but so far AcSIR has not received any response from him. To this Prof. Kunal Ray requested Senate members to identify some other member to take this responsibility. Prof. Raj Singh was requested to prepare and submit a report within a reasonable time. He kindly consented.
- (vii) **Item No. 4(XII): Mandatory Requirements of tuition fee submission to AcSIR:** The Senate was informed that, despite sincere efforts from AcSIR, students of all CSIR labs do not yet comply with the mandatory requirement of tuition fee payment. The Senate took serious note of the situation and recommended that (i) collection of tuition fees on semester basis; and (ii) to ensure strict compliance by the students that fees are only deposited with AcSIR directly.
- (viii) **Item No. 14(ii): Review of Recruitment Rules of EAs, ECs and Senior ECs:** As per recommendations of the Senate at its 15th meeting, comments of the Senate members have been sought. The Chairman Senate mentioned that he would frame a committee to look into the matter. In this context, Prof Kunal Ray informed the Senate regarding the concern expressed by CSIR Fact Finding Committee about the nature of contractual engagement and issue related to discontinuation of Contractual staff after completion of their five year term of contract.
- (ix) **Item no. 14(iv): Purchase Policy of AcSIR:** As per the recommendation of the Senate (15th), the draft policy was circulated among its members and reported to Chairman, Senate.

The Chairman Senate mentioned that he would frame a committee to take the matter forward.

- (x) **Item No. 16(i): Modification in entry level eligibility criteria for IMP:** Eligibility criteria for IMP may be reviewed by Admission Committee. However, the constitution of the Admission Committee, as recommended by the 15th Senate, could not be completed since the process of completion of all Deans and Associate Deans need to be completed. The Chairman Senate mentioned it would be completed soon as mentioned above.
- (xi) **Item No. 17: Policy on online repository:** Policy on online repository of thesis was circulated among Senate members and finally approved by the Chairman, Senate. This policy may be applicable to Theses to be deposited in INFLIBNET, as appropriate. This decision supersedes earlier recommendation of Senate to submit the theses for awarded PhD degrees to CSIR-URDIP online repository.
- (xii) **Item No. 25: Status of AcSIR-RMIT Agreement:** The final Agreement, as approved by the Acting Director and Chairman, BoG, has been submitted to CSIR in December 2015 for obtaining necessary approval of Ministry of External Affairs before signing an agreement with a foreign entity. However, AcSIR is yet to hear any update on it from CSIR.
- (xiii) **Item No. 27(ii): Analysis of Time lapse in submission and award of PhD degree:** The time lapse analysis for an indicative numbers of theses was presented. It was revealed that average time period from Thesis submission to award of Degree is 6.40 months. Upon examination, the Senate felt further analysis needs to be done at further depth to identify the factors for any delay for taking corrective measure. Dr. Shantanu Sengupta volunteered to oversee the process.

ITEMS FOR INFORMATION

Item No. 5 to 7: These items regarding **Award of PhD Degrees, Student related issues and Faculty related matters** were informed to the Senate members by circulation on April 30, 2016. The Senators during the meeting raised their concern about only one issue as below:

The waiver for tuition fee [Ms. Ramya Visvanathan (10BB12J10006) of CSIR-CFTRI] as recommended by the Dean and the Director, AcSIR was discussed and was not found to be appropriate for waiving the tuition fee.

ITEMS FOR RATIFICATION

Item Nos. 8 to 10: The items for ratification relating to **Results of PhD (Science and Engineering) results for the award of the Degree; Admissions: PhD program in Science and Engineering - January 2016 session; and AcSIR-Dr. APJ Abdul Kalam Summer Training Program, 2016 and Course Related Items** were circulated among the members on April 30, 2016. No further comments were received. The Senate ratified the individual items.

ITEMS FOR DISCUSSION AND APPROVAL



Item No. 11: Amendment of AcSIR Act, 2011: Subordinate Legislation related issues: The Associate Director, Prof. Kunal Ray, updated the Senate that AcSIR has recently received an intimation from the Rajya Sabha Secretariat (through Secretary, DSIR) asking for laying the Statutes and Ordinances of AcSIR on Table of both Houses of the Parliament for completion of the process of Subordinate Legislation. This requirement is not spelt out in the AcSIR Act, 2011 which also need to be modified as suggested by Rajya Sabha Secretariat. A similar advice has also been received from Lok Sabha Secretariat by a process initiated by Shri. P. Karunakaran, Member of Parliament. This requires insertion of Section 39 in the AcSIR Act, 2011.

The Senate members were informed that the Legal Advisor of AcSIR has found the text to be in order excepting for a typographical error (repeat usage of "both the"). The Senate agreed to the insertion of Section 39 in the AcSIR Act, 2011 and approved the text proposed by the Hon'ble MP after correction of the typographical error. The approved text is quoted below:

"39. (1) Every Statute or Ordinance made under this Act shall be published in the official gazette.

(2) Every Statute or Ordinance made under this Act shall be laid, as soon as may be after it is made before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both the Houses agree that the rules should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be, so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule."

Item No. 12: Reinstatement of PhD program at CSIR-NISCAIR: The Senate deliberated on the issue of reinstatement of PhD program at NISCAIR in Database Systems & Climate Change Informatics (DBS & CCI) in details and agreed in principle to reinstate the PhD program under the faculty of Mathematical and Information Sciences (MIS) as originally proposed. However, for reinstatement of the program, a Senate sub-committee was formed under the Chairmanship of Prof. Raj Hirwani, to review the current status and guide CSIR-NISCAIR for reinstatement of the PhD program. It was also suggested that the subcommittee will oversee the courses in details and also see its proper conduct including the faculty and other relevant academic and administrative requirements. The committee will also monitor the conduct of the courses from time to time. The subcommittee members as proposed by the Senate are:

Prof. Raj Hirwani (Chairman, CSIR-URDIP),
Prof. Raj Singh (CSIR-CEERI),
Prof. G Parthasarthy (CSIR-NGRI),
Dr. Imtiyaz Parvez (CSIR-4PI),
Dr. Prashant Goswami (CSIR-NISTADS) and
Lab Coordinator, CSIR-NISCAIR

In addition, it was suggested that committee may co-opt other member(s) as required.

Item No. 13: AcSIR Policy on Online Repository of Theses – INFLIBNET/ Institutional Repository at URDIP: The members were briefed that on receipt of a letter from INFLIBNET Centre of UGC at Gandhinagar requesting to take necessary actions for deposition of PhD Theses awarded by AcSIR in Shodhganga; it is an open access national repository of full text theses hosted by INFLIBNET. Incidentally, AcSIR in its 12th meeting had approved submission of AcSIR PhD theses to the Online Repository created by CSIR-URDIP. However, in accordance with UGC

(Minimum Standards and procedure for awards of MPhil/PhD Degree), regulation, 2009, all theses should be submitted to INFLIBNET to host on its website.

Prof. Ray informed the Senate that the Legal Advisor of AcSIR, Mrs. Manju Bagai also checked the procedural details for submission of theses to INFLIBNET and the MoU that need to be signed by both the parties, to be in proper order. The Senate discussed this issue and approved the following:

- (i) AcSIR will obtain consent from the students
 - a) for submission of soft copy of their theses/dissertation to Sodhganga and approved synopsis to Sodhgangotri, hosted by INFLIBNET
 - b) grant permission to AcSIR to archive and make thesis accessible in any forms of media
 - c) assignment of Copyright of thesis /dissertation shall be with AcSIR
 - d) that they will be given the right to use thesis /dissertation for his future work if necessary

- (ii) Entering into MoU with INFLIBNET Centre, Gandhinagar to facilitate the online deposition of PhD Theses in suppression of the previous recommendation (in 12th meeting held on Nov 17, 2014) to host the Institutional Repository at CSIR-URDIP.

Prof. Raj Hirwani pointed out that INFLIBNET also gives some grant for setting up the system and provide training and AcSIR may take advantage of the same.

Item No. 14: Certification on AcSIR compliance with “UGC (Minimum Standards and Procedures for awards of MPhil/PhD Degree), Regulation, 2009”: The Senate members were appraised that on implementation of theses submission on INFLIBNET, AcSIR will be in compliance of all the issues mentioned under “UGC (Minimum Standards and Procedure for Awards M.Phil/Ph.D. Degree), Regulation, 2009” and would be in a position to include a Certificate exactly as required by UGC that “the Degree has been awarded in accordance with the provisions to these Regulations of the UGC”.

The Senate approved the proposal for the benefit of the graduating AcSIR students with respect to their academic job applications in UGC recognized Colleges and Universities.

Item No. 15: Guidelines related to submission of PhD Thesis for examination: The Senate suggested that the draft guideline formulated by Dr. Ramanuj Narayan (Associate Dean, Chemical Sciences) will be circulated among all the Senate members for their opinion and a final decision will be taken by the Chairman, Senate based on the inputs of the Senators.

Item No. 16: Credit requirement for the PhD part of MSc-PhD program: The members discussed in details and accepted the proposal that the number of credit for the PhD part of Integrated MSc-PhD program to be same as Integrated MTech-PhD program (as detailed in the Agenda). The Senate recommended the level of credits (i.e 100, 200 or 300 level) to be earned under coursework (4 credits) is to be looked into by the Deans and Associate Deans through circulation.

Item No. 17: Proposal for Diploma in ‘Precision Measurements & Quality Control’ by CSIR-NPL, New Delhi: The Senate discussed in detail and approved the proposal in-principle; however, prior to initiation of the program the members sought additional clarification:

- (i) The Senate would like to know about the “driving force” as defined by the specific need for the proposed diploma, the potential employment opportunity and provisions for continuity/sustainability of the program.
- (ii) The proposed diploma does not have to be under Skill India program, but if it is done it must be noted that the proposed minimum eligibility criteria restricted to minimum 55% in graduation is not consistent with the target applicants under “Skill India” campaign which is meant for training early school leavers and existing workers especially in unorganized sector.
- (iii) The proposal should also include reservation policy to be followed for admissions.
- (iv) The Senate recommended that a model of fee sharing should also be provided in the proposal.

Item No. 18: Proposal for initiation of MSc Program in Food Technology at CSIR-CFTRI: The Senate members agreed on the proposal to initiate MSc Program in Food Technology at CSIR-CFTRI under AcSIR (currently being conducted by CSIR-CFTRI in collaboration with University of Mysore). The members agreed to offer a total of 30 seats under this program. It was agreed that the tuition fee will remain same as being charged currently. It was also recommended by the Senate that all the fees should be paid by the students directly to AcSIR. The Academy will give 40% of the amount back to CSIR-CFTRI to meet the program related expenses.

At this point, Prof. Hirwani pointed that model of fee sharing for ‘PG Diploma in Patinformatics’, which is being run at CSIR-URDIP, also needs to be worked out.

Item No. 19: Issues related to continuation of students in academic programs with special reference to academic leaves/job offers etc.

- i) **Revisiting the conditions for continuation of PhD as Part time candidate:**
 - Case 1: Senate members discussed the case Mr. Sandeep Vyas (former AcSIR PhD student at CSIR-CEERI) who could not complete his Open Colloquium before joining a job offer (details are in the Agenda). The Senate allowed Mr. Vyas to appear at his DAC IV since he could not complete the requirement for falling short of only 3-4 weeks prior to joining at his new position. The Senate also reiterated that such cases will always be decided individually without citing any prior precedence. However, if any student is allowed under the same situation which had been turndown for other student earlier, the latter case would be reexamined by the Dean/Associate Dean on appeal if such opportunity exists. The Senate members also felt that the existing guidelines need to be revisited to accommodate such request for greater interest of the students.
 - Case 2: Senate members discussed the appeal by Mr. Vyasulu Akkiraju (Enrolment# 10PP11A28002) for completion of his PhD degree. He had resigned from CSIR-NGRI to join another organization in December 2014, without intimation to AcSIR and continued with his research work. The Senate observed that the student completely violated AcSIR guideline related to pursuance of his academic program. On that note, the Senate did not approve his appeal.
- ii) **Guideline for PhD student regarding completion of the degree in case of a job offer from CSIR Lab:** Senate discussed a request from Ms. Rimpdy Diman (Registration No. 10BB11J33007), a Project Assistant at CSIR-IHBT and PhD student registered with AcSIR, to allow her to continue with her PhD program after being offered and accepting a position of Technical Assistant (Group III) at CSIR-IHBT. The Senate members were of the opinion that

since she was registered for PhD prior to acceptance of the job offer, she may be considered for completion of PhD thesis work subject to approval from Director, CSIR-IHBT.

- iii) **Guideline for Master's student regarding completion of the degree in case of a job offer:** Senate also discussed case of Mr. Bhavesh Bhandari of CSIR-NML (Enrollment No. 30EE14A31001) who, after completion of three semesters of the MTech program at CSIR-NML, resigned and accepted a position outside. The members did not approve as the minimum period of residency was not fulfilled. However, the Senate agreed that he may rejoin after a break to complete the minimum residency requirement for the award of the degree.

The Senate members accepted that in such cases (as in i to iii above), student may be allowed to take a onetime break in study up to a maximum period of two years, and can come back to complete the remaining residency period for completion and award of the degree. Such cases will be taken up on a case to case basis.

- iv) **Guidelines for academic leaves for M.Tech students**

The Senate gave this responsibility to Prof. Raj Singh to formulate the guidelines and modalities for such academic leaves. He was present in the Senate meeting and kindly consented to take up the matter.

- v) **Continuation of students in PhD program beyond the period of available fellowship/stipend/ salary**

Senate members discussed this issue and accepted both the proposals as below:

- a) Project Assistants: The Project Assistants selected to PhD program may continue their studies after termination of their project on the basis of approval from his/her supervisor and endorsed by the Lab Director and payment of regular tuition fees.

The Senate agreed to the suggestion of Dr. Shantanu Sengupta that while applying for admission, Letter of recommendation from supervisor for any Project Assistant enrolled for PhD must mention that '*The supervisor will take active interest in finding an alternate source of funding in case of discontinuation/termination of the project from which the Project Assistant is being funded at the time of enrollment for PhD*'.

- b) Trainee Scientists/QHFs: These students may be allowed to continue the PhD part of the program in self-financing mode till they secure fellowship from any other source.

Item No. 20: Issues and challenges related to continuation of IMP: Senate members discussed the current status of admissions to Integrated MTech-PhD (IMP) program for the August, 2016 session that is presently on temporary-hold status due to insufficient number of GATE-JRF positions and discontinuation of CSIR-NET (Engg.) examination. Prof. Raj Singh mentioned that CSIR is currently considering revision/increase in the number of GATE-JRF positions at different CSIR Labs. Under the circumstances, the Senate reserved its decision till any concrete decision is conveyed by CSIR in this matter. It was also noted that the admission session for IMP may be delayed based on the inputs received from CSIR.

Item No. 21: Proposal for wider acceptability of Sponsored Candidates beyond only Industrial route: Senate deliberated on the request received to include faculty members from Institution other than Industries for admissions under Sponsored category for the Integrated MTech-PhD and the PhD programs of AcSIR. The Senate accepted the proposal to include faculty from other academic institutes including Research Institutions for admission under the "Sponsored" category.

Item No. 22: AcSIR Faculty Related Issues:

- i) **Inclusion of JC Bose Fellows:** The Senate accepted the proposal to expand the eligibility criteria to include JC Bose Fellows and Bhatnagar Fellows from CSIR labs to be considered as AcSIR faculty.
- ii) **Further Clarification on Faculty Guideline:** Senate members also clarified on the 'Eligibility Criteria to be an AcSIR Faculty' and reiterated that new scientists joining the CSIR laboratories will be eligible to apply for AcSIR faculty upon recommendations from Director of the concerned CSIR Lab.
- iii) **Inclusion of Adjunct Faculty members:** Senate members also approved the Adjunct faculty status of Prof. S.K. Bhattacharyya of IIT, Kharagpur, Prof. Deepankar Choudhury, IIT, Bombay at CSIR-CBRI and Prof. Sabu Thomas of Mahatma Gandhi University, Kottayam, Kerala at CSIR-CECRI as proposed in the agenda.
- iv) **Inclusion of Dr. Vijay Patel as Co-guide:** Senate approved the Inclusion of Dr. Vijay V. Patel (Scientist G, ADA) as co-guide to a student of CSIR-NAL, Bangalore, Ms. Jayalakshmi Nagam (Enrollment# 20EE15J24001). It was also recorded that such items can be placed for information in future.

Item No. 23: Revision of Sitting Fee/ Professional Fee/ Honorarium: Senate after detailed discussion recommended revisions in Sitting Fee/ Professional Fees/ Honorarium for the various positions/activity as detailed below which is consistent with revision of such Payment as per CSIR OM no. 33/Misc/2015-PPD dated 30.03.2016:

a. Sitting Fee for BoG	Rs. 7,500 per day
b. Sitting Fee (including all other academic and administrative meetings of AcSIR)	Rs. 5,000 per day
c. Fees for taking classes for external expert hour	Rs. 2,500 per lecture
d. Invited Guest Lecture / Special Lecture	Rs. 5,000 per day
e. DAC/Comprehensive meetings for non-CSIR external expert	Rs. 3,000 per day
f. Thesis Evaluation Fee for Indian examiners	Rs. 6,000 per thesis
g. Fee for attending Viva Voce examination	Rs. 3,000 per viva
h. Deans (proposed revision)	Rs. 20,000 per month
i. Associate Deans (proposed revision)	Rs. 15,000 per month
j. AcSIR Coordinators at Labs (proposed revision)	Rs. 10,000 per month

The proposed revision have to be placed to the Finance Committee for approval.

Additional Item No. 1: Prof Kunal Ray suggested that in addition to above fees and honorarium it would be prudent and consistent with AcSIR policy to pay honorarium to any CSIR Scientist (including Acting Director and Associate Directors) who devote time for administrative activity of AcSIR. He also suggested, if agreed, that an amount of Rs. 25000/- per month may be paid to any Acting Associate Director and Rs. 30000/- per month to Acting Director as Professional fees. The Senate approved the proposal unanimously. The Senate also suggested the Finance Committee to review the possibility of making the payment retrospectively to current occupants of such positions.

Additional Item No. 2: The Senate members proposed to observe AcSIR Foundation day on 17th July. It was suggested that this year an AcSIR Conference may be held at CSIR-NIO, Goa. Prof. KS Krishna (CSIR-NIO) kindly agreed to explore the possibility.

Additional Item No. 3: Prof Raj Singh expressed his concern that only Prof. Kunal Ray is functioning as an Associate Director while as per AcSIR Act, five Associate Directors are required to be recruited. This seriously affects the efficiency of the organization. Prof. Ray updated the Senate members regarding this matter and mentioned that advertisement for the said positions was published in national dailies twice since 2013. However, the procedure could not be completed due to various administrative reasons. The Chairman, Senate mentioned that this issue will be appropriately looked into.

Additional Item No. 4: Some of the Senate members expressed concern that the intake of PhD students by the Supervisors are not being adhered to as per AcSIR Faculty guidelines. In this context, Dr. Ramanuj Narayan also mentioned that some relaxation to the limit may be allowed considering that, unlike Universities, CSIR Labs are research institution and the faculty have less teaching load.

The Senate members were reminded that the Senate has already decided to follow the UGC guideline for unhindered job opportunities for AcSIR graduates in Indian Colleges and Universities. Therefore, the limit on the number of PhD student intake per supervisor must also be maintained as per guidelines. For adherence to such guidelines, Prof. Kunal Ray suggested that appropriate measures would be taken for monitoring compliance and he suggested that this can be attempted to do better through monitoring by Board of Studies.


Additional Item No. 5: Introduction of online course in AcSIR: The Senate members felt the need of introduction of online courses in AcSIR. In this context, Prof. Raj Hirwani volunteered to offer an online course on Patent Informatics and argued that this topic has general relevance across all branches of science for its applicability. The Senate members agreed to the proposal and recommended that this course may be considered to be offered as a 1-credit-course in addition to the mandatory 12 credit course requirement. Prof. Hirwani was requested to provide the course details to the Course Committee for its opinion for taking the matter forward.

Additional Item No. 6: Senate also identified 3rd week of August 2016 as the next date for 17th Senate Meeting of AcSIR. The Chairman, Senate kindly agreed to host the meeting at CSIR-CFTRI, Mysore.

It was mentioned by the Chairman that any items received late and could not be tabled at the meeting, will be circulated among the members for their opinion.

The Director thanked all the participating members for their presence in the meeting and their valuable suggestions to take AcSIR forward.

Meeting ended with a vote of thanks to the Chair.


(Chairman, Senate)