

Special Meeting of the Interim Senate

08 June, 2012, 11:30 hrs

AGENDA



ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

Anusandhan Bhawan, 2 Rafi Marg, New Delhi-110 001

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Academy of Scientific and Innovative Research

Agenda for the Special Meeting of the Interim Senate

08 June, 2012; 11:30 hrs

Venue: Room No. 101, Anusandhan Bhawan, CSIR HQ, New Delhi-110 001

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INITIATION OF THE MEETING

- Item No. 1: Welcome Address by Acting Director, AcSIR and Chairperson of the Senate**

- Item No. 2: Confirmation of minutes of third Senate meeting**

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Item No. 2: Confirmation of minutes of the 3rd Meeting of Senate

Minutes of the 3rd Senate Meeting of AcSIR held on 11th January, 2012 is enclosed as **Annexure – I** for confirmation.

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ITEMS FOR RATIFICATION

Item No. 3: Status Report on Courses of Studies

Item No. 4: Ratification of Admissions

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Item No. 3: Status Report of Courses of Studies

The following laboratories have proposed to introduce new M.Tech (PGRPE) programme leading to Integrated PhD starting from the August 2012 session.

CSIR-CIMFR, Dhanbad:	Mine Safety Engineering
CSIR-SERC, Chennai:	Renewable Energy
CSIR-IIP, Dehradun:	Advanced Automotive Technology
CSIR-IICT, Hyderabad:	Process Engineering Science
CSIR-CRRI, New Delhi	Transportation Engineering
CSIR-NML, Jamshedpur	Mineral Processing, Metal Extraction and Resource & Waste Management

All the new courses have received approval from the respective Deans and the Director of the Academy. The students trained in these courses are expected to emerge properly equipped to confront the challenges across the industrial environment and academic research spectrum.

The Senate, in its third meeting had approved the introduction of M.Tech programme by CSIR-CBRI entitled “Building Engineering and Disaster Mitigation” and suggested the Coordinator of CSIR-CBRI to submit a document with specific credit distribution and total credit requirement. The updated version has been submitted by the Coordinator.

In the third meeting of the Senate held in January 2012, the Senate suggested to restructure the courses offered by the five faculty of study to finalise the course content for Ph.D. (Science) and Ph.D. (Engineering) as per the guidelines for credit distribution and course nomenclature. Accordingly the courses to be offered in the different faculty have been compiled based on courses that are being currently offered in the different CSIR laboratories.

Proposal: The course details for the proposed programmes of CSIR-CIMFR, CSIR-SERC, CSIR-IIP, CSIR-IICT, CSIR-CRRI and CSIR-NML and updated proposal submitted by CSIR-CBRI for their post graduate students for the Integrated M.Tech-Ph.D programme are being placed as **Annexure II & IIA** to Senate for ratification.

The updated course content for the Ph.D in Science and Engineering programme of AcSIR in its different faculties of study are also being tabled as **Annexure III (A,B,C,D,E)** for approval of the Senate.

Item No. 4: Ratification of Admissions

The admission of students for Ph.D programme of AcSIR remained to be ratified by the Senate in its previous meetings. A few late registrants for January 2011 session along with admissions for August 2011 and January 2012 were ratified in the 3rd Meeting of Senate held on January 11, 2012. Post-facto ratification is required for the admissions of January 2011, August 2011 and late registrants of January 2012 sessions. The list of students enrolled in the different sessions in the different Faculty, duly approved by the respective Deans and the Chairman, Senate is enclosed as **Annexure IV**.

The admission to the PGRPE-M.Tech Programme of AcSIR for the years 2010 and 2011 remained to be ratified at the Senate. The complete list of students enrolled for the mentioned programme, duly approved by the Chairman, Senate id enclosed as **Annexure V**.

Proposal: The lists of enrolled candidates for all laboratories in the January 2011 session, August 2011 session and for a few laboratories for the January 2012 session along with admission to PGRPE-M.Tech Programme for 2010 and 2011 are being placed for ratification.

ITEMS FOR APPROVAL

- Item No. 5: Award of M. Tech. Degree to the awardees of 2009 Provisional M. Tech. degree holders**
- Item No. 6: Analysis of admissions to Ph.D**
- Item No. 7: Student related issues**

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**Item No. 5: Award of M. Tech. Degree to the awardees of 2009
Provisional M. Tech. degree holders**

The Academy of Scientific and Innovative Research Act, 2011 received assent of the President and has been notified in on 3rd April, 2012. When the first batch of PGRPE students graduated in July 2011, the Act had not come in force at that time and hence the students were awarded a provisional M.Tech Degree. Since the Academy has now become fully functional after notification, it can now award degrees.

Proposal: It is proposed that the first batch of 52 students who have received provisional M.Tech degree may be awarded M.Tech Degree at the forthcoming convocation. The list of students, ratified at the 2nd Senate meeting for award of provisional M.Tech degree is enclosed as **Annexure VI** for approval of the Senate.

Item No. 6: Analysis of admissions to Ph.D

The advertisement for **PhD in Science and Engineering of AcSIR** has been announced by the different CSIR labs individually for selection of students for the August 2012 session. Student intake is through following two routes:

- (i) Fresh JRFs having a valid fellowship through fresh applications received
- (ii) Project Assistants under different projects and JRFs/SRFs currently working at different labs.

Short-listing of candidates will be done by individual labs depending on the criteria set by the individual labs and interviews will be held by the different labs on specific dates as advertised by AcSIR. Results are going to be declared by the labs on 18th of July and the session will commence on August 17, 2012.

The PGRPE” programme of CSIR has been reintroduced as the **Integrated M. Tech – Ph. D programme under AcSIR** for the session August 2012. The programme has been centrally advertised by CSIR.

There are essentially two streams under which candidates can be inducted under this programme:

- (i) The Trainee Scientist (TS) route (which is lab, sanctioned strength & roster based) who may be absorbed as Scientist (roster based) after successful completion of M.Tech with distinction
- (ii) The Laboratories will be able to admit a few more students as QHF. Some such students can also be supported from Sponsored Research Projects or through any other suitable sponsorship programmes. In future CSIR-JRF (Engineering) qualified students will be available for admission. The QHF fellows may be absorbed as Scientist after successful completion of M.Tech with distinction. The Sponsored candidates under this stream are not likely to be absorbed. Presently this stream will be on full time programme basis.

Engineering Graduates (Graduated in 2011/ Graduating in 2012) with minimum 70% marks or 7.0 CGPA are eligible to apply. There is an exit route available for the fellows in the both the categories after completion of M.Tech.

AcSIR enrolls those candidates only who have applied through the online application portal of AcSIR under advertised calls and students inducted to labs through their individual calls for Ph.D are not entertained. However, many laboratories in the meantime have already selected their students through different calls for Ph.D and have started the coursework for them as well but have not got these students registered to any other universities. Requests have been received from a few labs to have these students enrolled at AcSIR for their Ph.Ds.

The following route has been proposed by members of the Admission Committee and approved by the Chairman, Senate to encourage enrollment of students at AcSIR:

1. Any student who will be enrolled in AcSIR needs to fill the online application form. If the Institutes have received applications based on their individual call for PhD, they can always conduct the interview of these students. However, for the enrollment in AcSIR, they should have a nominee of the Dean in the interview committee. The laboratories are suggested to enroll such students (who have not applied online but selected via a properly constituted committee) in the next semester (Jan 2013) after they fill online application.
2. Students who have been selected for PhD (JRFs/SRFs) after the test/interview may also be enrolled in AcSIR provided they have filled the online form for this semester. For such students fresh interview is not necessary, since they have already completed the proper selection process.

If the students have completed the same courses and earned the credits as mandated by AcSIR and the programme coordinator of the lab certifies the same, then the students will formally earn the credit points. A note in this regards should come to the Chairman-Senate from the programme coordinator via the respective Deans.

Proposal: The proposal is being placed at the Senate as **Annexure VII** for approval.

Item No. 7: Student related issues

AcSIR has received requests from some students for changing the faculty they were originally admitted in. This may be permitted if the Dean of the Faculty the student belongs to agree to the transfer and the Dean of the faculty where the student wishes to get transferred agrees for the transfer. However, the student will have to fulfill the credit requirement of the faculty he/she is being transferred to.

A request has been received from Ms. Sonika Charak of January 2011 batch, pursuing PhD at CSIR-NPL (Physical Science Cluster), New Delhi to have her faculty changed from Physical to Biological in line with her previous educational qualification. The request has received approval from both the Deans of Physical and Biological Sciences (enclosed as **Annexure VIII**).

Proposal: The Senate may approve the transfer of Ms. Sonika Charak from Physical to Biology Faculty.

A student once registered for Ph.D may resign and leave the Academy. If he/she wants to re-register him/herself for the programme once again after a period of time, the appeal may be admitted provided the Dean of the concerned Faculty accepts and the Director of the Academy approves.

Any such situation arises, the student will have to apply well in time for long leave of absence from the Academy. This application has to be duly forwarded by the Coordinator of the lab and approved by the Dean of the concerned Faculty and the Director of the Academy.

In case some student resigns the Academy and wants to re-register, the student will have to fill up the online application form against fresh calls for Ph.D to enroll to AcSIR again. During his/her fresh selection, Lab can always consider his case with due sympathy. However, after the new enrollment, he/she will get the benefit of Credit-transfer, if he/she has completed any course(s) at AcSIR.

An appeal has been received from a former student of AcSIR, currently working at CSIR-NBRI to re-register for the Ph.D programme of AcSIR. Since the student concerned, Mr. Ashutosh K. Pandey, who was abroad at the time when the call for Ph.D was announced, missed the opportunity to re-apply for the position. As per the procedure outlined by the chairperson, Senate, the student may take fresh admission in January 2012. However, the student may be allowed to take the courses offered during the new session starting August 2012 and as a special case he may be allowed to get the benefits of transfer of credits that he earns during this semester.

Proposal: The Senate may approve the case of re-registration of Mr. Ashutosh K. Pandey, CSIR-NBRI during the January 2013 session and allow transfer of credits that he has earned earlier or earns during the current session starting in August 2012. The appeal received from Mr. Ashutosh K. Pandey duly forwarded by the Coordinator and the response of Senate, Chairman is enclosed as **Annexure IX**.

ITEMS FOR DISCUSSION

Item No. 8: Thesis Grades for M. Tech students

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Item No. 8: Thesis Grades for M. Tech students

The Examination Committee was advised by the Senate in its last meeting of January 2012 to submit a detailed report on the Thesis (Project) grade for the M.Tech trainees. The currently followed examination & evaluation procedures relate to the evaluation of course work for M.Tech and Ph.D programme only.

Proposal: The Examination Committee has formulated a detailed grading system be followed during evaluation of thesis work for MTech. The same is enclosed as **Annexure X** for discussion and approval of the Senate.

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ITEMS FOR INFORMATION

Item No. 9 : Ph.D Admission for INAE and AICTE students at AcSIR

Item No. 10: Payment of Tuition fees for enrolled students

Item No. 9: Ph.D Admission for INAE and AICTE students at AcSIR

Subsequent to the reporting made to the Senate in its third meeting in January 2012 on progresses made in the proposal received from INAE regarding promotion of research culture among its faculties of AICTE approved institutions, in his meeting held with representatives of INAE and AICTE on May 17, 2012, Dr. Nagesh Iyer conveyed the confirmation of CSIR to accommodate 37 candidates in different disciplines of engineering in various labs of CSIR. It was decided at the meeting that a Steering Committee comprising of experts from INAE, AICTE, CII, CSIR, DRDO, DOS and DAE will be constituted for planning and implementation of the scheme.

The minutes of the mentioned meeting with representatives of INAE and AICTE is enclosed as **Annexure XI** for information of the Senate.

Item No. 10: Payment of Tuition fees for enrolled students

An Office Memorandum has been issued by the Acting Director, AcSIR regarding payment of AcSIR tuition fees for the enrolled students from the contingency fund of their respective fellowships.

Proposal: A copy of the OM is enclosed for information of the members as **Annexure XII**.