Eighth Meeting of the Senate

2nd August, 2013, 11:00hrs

AGENDA

AcSIR

ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

AnusandhanBhawan, 2 Rafi Marg, New Delhi-110 001

Academy of Scientific and Innovative Research

Agenda for the Eighth Meeting of the Senate

2nd August, 2013; 11:00hrs
Venue: Room No. 101, Anusandhan Bhawan, CSIR HQ, New Delhi-110 001

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Item No. 1: **Welcome address by the Acting Director, AcSIR and Chairman of the Senate**

The MoU between AcSIR and CSIR is enclosed as **Annexure - I**.

Item No. 2: **Action taken Report on the 7th Meeting of the Senate and Confirmation of the Minutes**

AcSIR had convened the 7th Meeting of the Senate on April 5, 2013 to address a few urgent issues including ratification of admission and course related issues. The Action Taken Report on the same is enclosed as **Annexure – II & IIa**.

The Minutes of the 7th Meeting of the Senate of AcSIR held on April 5, 2013 is enclosed as **Annexure – III** for confirmation by the members of the Senate.

Item No. 3: Admission to Ph.D (Science and Engineering) including AICTE-INAE sponsored candidates and Integrated M.Sc-Ph.D programme for August 2013 session

The admission of students for Ph.D programme in (Science and Engineering) of AcSIR for the August 2013 session has been completed and the academic session is scheduled to start around August 9, 2013 at the different participating CSIR laboratories. In all, **496** students have been selected in the Ph.D programme in the different laboratories, with **388 enrolled in Science subjects** and **108 are in Engineering**.

In addition, **13 candidates** have been selected under the **AICTE-INAE scheme for Engineering Teachers for Doctoral Research** who have been placed at **six** laboratories for their doctoral programme.

Also, the joint academic programme of AcSIR and PHFI for Integrated M.Sc-Ph.D in Health Informatics and Clinical Research will start from August 2013 session. Accordingly **13** students have been selected for the programme in **Health Informatics** and **14** students have been selected for the programme on **Clinical Research**.

The lists of selected candidates in the Ph.D programmes in Science and Engineering from the different laboratories along with the AICTE-INAE Sponsored candidates and the candidates for the joint programme of AcSIR and PHFI with proper approval of the respective cluster Deans and the Chairman, Senate are being submitted to the Senate for ratification for the August 2013 academic session.

Annexure –IV

Item No. 4:   Admission to Integrated M.Tech-Ph.D programme for August 2013 session

In April 2013, AcSIR advertised for admission to the Integrated M.Tech-Ph.D Programme - 2013. Twelve CSIR laboratories participated offering 17 programmes across the labs. A total of over 12,000 complete applications were received for all the programmes.
This year admissions were sought under the following 6 categories:

  a. Trainee Scientists (TS)
  b. Quick Hire Fellows
  c. NET (Engineering) qualified candidates
  d. GATE (JRF) candidates
  e. Project Sponsored candidates and
  f. Industry sponsored candidates

Out of the above mentioned categories, the last four categories of students were introduced from August 2013 session, as was approved by the Senate in its 7th Meeting.

The individual labs conducted their selection at RAB, New Delhi for all the categories of applicants, and a total of **129** students have been selected for pursuing the M.Tech degree leading to Ph.D. The session is scheduled to start around August 9, 2013 across the laboratories.

The complete list of selected and waitlisted students for the different courses of the Integrated M.Tech-Ph.D programme being offered by the participating laboratories, duly approved by the Dean and the Chairman, Senate is enclosed for approval of the Senate.

Annexure –V

Item No. 5: M.Tech (2011 batch) results for the award of M.Tech Degree in 2013

The third batch of two-year-full-time residential M.Tech – Post-Graduate Research Programme in Engineering (PGRPE) – took admission in 2011. Out of a total enrollment of 88 students for the batch, **84** have completed their courses and are graduating in 2013.

The programme were offered in the cutting edge technological areas of Engineering of Infrastructure and Disaster Mitigation (Buildings/Roads), Advanced Semiconductor Electronics, Advanced Electronic Systems, High Power Microwave Devices and System Engineering, Mechatronics, Advanced Instrumentation Engineering, Advanced Petroleum Science & Technology, Advanced Materials Physics & Engineering, Materials Resource Engineering, Chemical Engineering: Modelling & Simulation and Materials & Processes, Environmental System Engineering and Modelling and Engineering of Structures. The programme has all the rigors and requirements that are proposed in the Integrated M.Tech-Ph.D programme of AcSIR.

The third batch of M.Tech (PGRPE)-2011 batch consisting of 84 students are graduating in 2013. The results are placed for ratification by the Senate for the award of the degree.

The results are enclosed as **Annexure VI.**

Item No. 6: **Results of viva Voce for Tanveer Ahmad, CSIR-IGIB for the award of the first Ph.D degree of AcSIR**

The first thesis for Ph.D in Science degree was submitted by Mr. Tanveer Ahmad (Enrollment No. 10BB11J02002) of January 2011 session from CSIR-IGIB. Mr. Ahmad has completed all the academic requirements including CSIR-800 project. The thesis was successfully defended in an open forum on May 16, 2013 at CSIR-IGIB.

The recommendation of the Oral Examination Board of Mr. Tanveer Ahmad is being placed for ratification by the Senate for the award of the degree.

The recommendation of the OEB is enclosed as **Annexure VII.**

<u>**Item for Ratification**</u>

Item No. 7:   New courses for Ph.D (Science)
- **CSIR- NBRI (Biological Sciences)**
- **CSIR-IGIB (Biological Sciences)**
- **CSIR-IITR (Chemical Sciences)**
- **CSIR-AMPRI (Engineering Sciences)**
- **CSIR-NAL (Engineering Sciences)**
- **CSIR-4PI (formerly CSIR-CMMACS) (Engineering Sciences)**
- **CSIR-4PI (formerly CSIR-CMMACS) (Physical Sciences)**

New Courses for Integrated M.Sc-Ph.D (PHFI)
- **Health Informatics (Biological Sciences)**
- **Clinical Research (Biological Sciences)**

Modification of Course for Ph.D (Science)
- **CSIR-IHBT (Biological Sciences)**
- **CSIR- NBRI (Biological Sciences)**

In an ongoing effort to keep the course content updated and to introduce new courses relevant to the programmes offered at the different laboratories, a few new courses have been introduced by a few laboratories, as mentioned above, which have received approval of the respective Deans and the Chairman of the Senate:

The Senate in its 7th meeting had accorded in-principle approval for introduction of two new programmes in collaboration with Public Health Foundation of India: Integrated M.Sc-Ph.D in Clinical Research and Integrated M.Sc-Ph.D in Health Informatics. The course content for both the programmes for the first semester has been recommended by the Deans for approval and the Senate Chairman has accorded his approval on the same.

Also, modifications in credit for approved courses for Ph.D at CSIR-IHBT and in CSIR-NBRI in Biological Sciences have received approval of the Senate Chairman.

The Senate is requested to note, that **BIO-CSMCRI-3-201** course, which has already been approved by the Senate earlier, will not be offered by CSIR-CSMCRI in the August 2013 session. This is only for information of the Senate.

The new and modified courses are being placed as **Annexure - VIII** for ratification by the Senate.

Item No. 8: **Ph.D. Registrant of AcSIR Shri. Mohit Verma of CSIR-SERC (January-2012 batch) for taking up Fullbright -Nehru fellowship 2013-14**

Shri. Mohit Verma Scientist, CSIR-SERC and Ph.D student of AcSIR (Enrollment number 20EE12J41005) has been selected for the prestigious Fullbright-Nehru Doctoral and professional fellowship 2013-14, for a period of nine months at the University of Buffalo, State University of New York, Buffalo, NY. His fellowship will commence from 12th August, 2013. CSIR-SERC has already accorded approval for his deputation to University of Buffalo, State University of New York, Buffalo, NY under Fullbright –Nehru fellowship.

Dean of Engineering Sciences and Senate Chairman have also accorded their approval for Shri. Mohit Verma to take up Fullbright-Nehru Doctoral and professional fellowship 2013-14.

Necessary approvals are being placed as **Annexure - IX** for ratification by the Senate.

Item No. 9:   Provisional admission of sponsored candidates of TATA Steel at CSIR- NML

For the first time in the August 2013 session, applications were formally sought from industry sponsored candidates for Ph.D programme of AcSIR. Some applications were received at a few laboratories.

CSIR-NML, Jamshedpur had received a few applications from TATA Steel. Since the formal sponsorship from TATA Steel was a requirement at the time the online admission portal was active, Mr. Hari Babu, Mr. Vikas Singh and Mr. Dhirendra Prasad could not fill out the online form. These candidates, however, were selected by the interview committee of CSIR-NML.

A request has been received from the Director, CSIR-NML to consider the admission of Mr. Hari Babu, Mr. Vikas Singh and Mr. Dhirendra Prasad provisionally and these candidates may be enrolled formally from the January 2014 session. The request was approved by the Senate Chairman on the recommendation of the Associate Director (Academic).

Mr. Hari Babu, Mr. Vikas Singh and Mr. Dhirendra Prasad, have been selected for provisional enrollment at the Academy on the recommendation of the Senate Chairman. The residency period for these provisionally enrolled candidates, may be considered towards fulfillment of their academic requirements and tuition fees may be charged at the prescribed rate from August 2013 itself against provisional enrollment. These provisionally enrolled students will have to fill up the online application form through the admission portal at the January 2014 session to formalize their enrollment.

Approval for provisional admission received from Chairman, Senate is placed as **Annexure - X** for information of the Senate.

Item No. 10: **Provisional admission to Ph.D programme of students admitted at CSIR-IGIB and one student at CSIR-NGRI**

Fifteen students have been selected at CSIR-IGIB for Ph.D programme in 2013. Since the admission process at CSIR-IGIB was over before the AcSIR call was announced, a request has been received from CSIR-IGIB for provisional enrollment of these 15 students and the residency period for these students may be considered towards fulfillment of their academic requirements and tuition fees may be charged at the prescribed rate from August 2013 itself against their provisional enrollment.

Also, Ms. Sonalika Chowdhury, DST INSPIRE Fellow has been provisionally selected for enrolment for Ph.D at CSIR-NGRI for the August 2013 session. Her provisional enrollment has also been approved by the Dean of physical Sciences and the Senate Chairman. As above, her residency period may also be considered for fulfillment of academic requirements and tuition fees may be charged from August 2013 against provisional enrollment.

These provisionally enrolled students will have to fill up the online application form through the admission portal at the January 2014 session to formalize their enrollment.

The cases have been recommended by the respective Deans/Associate Deans of the faculty. These cases have also been endorsed by the Senate Chairman and are being placed for information of the Senate at **Annexure XI.**

Item No. 11: **Deferment of enrollment of students selected for Ph.D programme of AcSIR at CSIR-Head Quarters and at CSIR-NISCAIR**

A request has been received from a student selected for enrollment at CSIR-Head Quarters for the August 2012 session, Mr. Roshan Kumar Sahu that he may be allowed to join the programme from the August 2013 session owing to the fact that he was at that time pursuing the final year course of M.Pharm degree. The request was recommended by the Dean of Biological Sciences and duly approved by the Chairman, Senate on recommendation of the concerned Dean.

A request has been received from a student, Mr. Prabhat Kumar Ojha, selected for Ph.D programme of August 2013 session at CSIR-NISCAIR to be allowed to join the programme from January 2014 session. The Dean has recommended that he may be allowed to join the programme from January 2014 session and the Senate Chairperson has approved the same.

The relevant documents are being placed for information of the Senate as **Annexure - XII.**

Item No. 12:   Change of Ph.D Guide for a student at CSIR-CSMCRI

Mr. Shaikh Gore Mastan of CSIR-CSMCRI, Bhavnagar (Enrollment Number 10BB11J16002) of January 2011 session was enrolled for the Ph.D programme of AcSIR under the guidance of Dr. Jitendra Chikara and co-guidance of Dr. Arup Ghosh. Dr. Chikara has retired from CSIR-CSMCRI on November 30, 2012 and subsequently Mr. Mastan was transferred under the joint guidance of Dr. Arup Ghosh and Dr. Mangal S. Rathore. Necessary approvals for the change has also been noted by the Dean of Biological Science and the Senate Chairman has accorded his approval. Necessary documents related to the transfer are being placed to the Senate as **Annexure - XIII** to take a note of the same.

Item No. 13:   Change of Faculty of students from

- **Biological Sciences to Chemical Sciences at CSIR-IICT**
- **Chemical Sciences to Engineering Sciences at CSIR-IICT**
- **Chemical Sciences to Biological Sciences at CSIR-IITR**
- **Biological Sciences to Chemical Sciences at CSIR-IIIM**

The following students have received approval of the concerned Dean and the Senate Chairman for change of faculty:

Laboratory	AcSIR Enrollment Number	Student Name	Supervisor Name	Session
Biological Sciences to Chemical Sciences				
CSIR-IICT	10BB12J18039	Ayan Kumar Barui	Dr. Chittaranjan Patra	Jan 2012
CSIR-IICT	10BB12J18043	Sudip Mukherjee	Dr. Chittaranjan Patra	Jan 2012
CSIR-IIIM	10BB13J37001	Shahnawaz Khan		Jan 2013
CSIR-IIIM	10BB13J37010	Arvind Kumar		Jan 2013
CSIR-IIIM	10BB13J37015	Neha Sharma		Jan 2013
Chemical Sciences to Engineering Sciences				
CSIR-IICT	10CC12J18033	Suresh Babu Pasupuleti	Dr. S. Venkata Mohan	Jan 2012
Chemical Sciences to Biological Sciences				
CSIR-IITR	10CC13J22006	Ms. Jyoti Singh	-	Jan 2013

Members may kindly take a note of the change of faculty of students at different Laboratories. Necessary approvals are enclosed as **Annexure XIV.**

Item for Information

Item No. 14: Transfer of students enrolled at AcSIR Ph.D programme from

- **CSIR-CIMAP to CSIR-CFTRI**
- **CSIR-CSMCRI to CSIR-NCL**

The following students have applied for transfer of laboratory since their respective advisors have transferred to a different laboratory:

AcSIR Enrollment No.	Student Name	Supervisor Name	Session
CSIR-CIMAP – CSIR-CFTRI			
10BB12J10001	Anitha Vijaykumar	Prof. Ram Rajasekharan	Jan 2012
10BB12A10006	Venkateshwari Vardharajan	Prof. Ram Rajasekharan	Aug 2012
10BB12J10004	D.Kanaga Vijayan	Dr.Malathi Srinivasan	Jan 2012
CSIR-CSMCRI – CSIR-NCL			
10CC11J16010	Tanmay Banerjee	Dr. Amitava Das	Jan 2011
10CC11J16035	Gandra Upendar Reddy	Dr. Amitava Das	Jan 2011
10CC12J16009	Hridesh Agarwalla	Dr. Amitava Das	Jan 2012
10CC12A16002	Arunava Maity	Dr. Amitava Das	Aug 2012
10CC12A16005	Monalisa Gangopadhyay	Dr. Amitava Das	Aug 2012
10CC12A16001	Vadde Ramu	Dr. Amitava Das	Aug 2012
10CC13J16005	Firoj Ali	Dr. Amitava Das	Jan 2013

Members may kindly take a note of the transfer of students. Necessary approvals are enclosed as **Annexure - XV.**

Item No. 15: **Recognition of Dr. Arabinda Chaudhuri of CSIR-IICT as a joint faculty in Chemical and Biological Sciences**

Dr. Arabinda Chaudhuri of CSIR-IICT is a registered faculty of Chemical Sciences in AcSIR. His research activities are in the interface areas of Chemistry and Biology. In view of this, a request has been received from Dr. Arabinda Chaudhuri to be considered as a joint faculty of Chemical Sciences and Biological Sciences.

The request has been duly recommended by the Dean of Biological Sciences for consideration of the Senate Chairman, who, in turn has accorded his approval on the recommendation.

Necessary approvals are enclosed as **Annexure - XVI**.

Item No. 16: Recognition of Prof. Biswarup Basak of BESU, Shibpur as co-guide for a student at CSIR-CMERI

One of the Integrated M.Tech-Ph.D students of CSIR-CMERI, Mr. Sumit Kumar (Enrollment No. 32EE12J12006) would like to have one co-guide, Prof. Biswarup Basak from BESU, Shibpur, in addition to his AcSIR guide, Dr. Jaydeb Roychowdhury who is from CSIR-CMERI.

On recommendation of the Dean of Engineering Sciences the induction of a co-guide, Prof. Biswarup Basak from BESU, Shibpur, the Senate Chairman has accorded his approval.

Necessary approvals are enclosed as **Annexure - XVII**.

Item No. 17: **Induction of Prof. Indranil Manna, former Senate Member and former Director of CSIR-CGCRI as an Adjunct Professor of AcSIR**

Professor Indranil Manna, former Member of AcSIR Senate and former Director of CSIR-CGCRI has been associated with the Academy from its formative days and have been a very active academic member of the faculty at CSIR-CGCRI and that of the Senate of the Academy. In view of his enthusiastic association with AcSIR, the Chairman, Senate Academy offered to continue his association with the Academy as an **Adjunct Professor** with primary affiliation to CSIR-CGCRI as a guide and mentor for the students of the Academy.

Prof. Manna has accepted the offer and wishes continued association with the Academy. The proposal has also received the approval of the Dean of Engineering Sciences and of the Senate Chairman. Necessary documents are being placed as **Annexure - XVIII** for information of the Senate.

Item No. 18: **Appointment of Prof. Pawan Kapur as Distinguished Emeritus Professor of AcSIR at CSIR-CSIO**

Consequent to the receipt of approval from the Chairman, Board of Governors for the institution of the position of **Distinguished Emeritus Professors of AcSIR**, the selection Committee formed for the purpose by the Chairperson wholeheartedly supported the proposal for appointment of Prof. Pawan Kapur, former Director of CSIR-CSIO as a Distinguished Emeritus Professor of AcSIR. He will be primarily affiliated with CSIR-CSIO, Chandigarh and involved in providing guidance to Masters and Ph.D students, conduct seminars and lectures and bring in projects in his areas of interest. He will also be free to be associated with other CSIR Laboratories participating in different programmes of AcSIR. The students of the Academy are expected to benefit by interaction and mentoring by such vastly experienced Distinguished Emeritus Professors.

Approval of the Dean of Engineering Sciences and of the Chairperson, BoG, AcSIR for the appointment has been received. The members of the Senate are being informed of the appointment.

Item No. 19: Recognition of Professor Michael Graetzel of École Polytechnique Fédérale de Lausanne as Academy Professor of AcSIR

Considering the eminence of Professor Michael Graetzel of École Polytechnique Fédérale de Lausanne, Switzerland, in the area of Dye Sensitized Solar Cells (DSSC), a request has been received from Prof. Sourav Pal, Member of Board of Governors, AcSIR and Director, CSIR-NCL, Pune to consider him as an Academy Professor.

The Dean of Engineering Sciences has recommended his nomination and approval has been received from the Senate Chairman.

The CV of Professor Michael Graetzel is enclosed as **Annexure - XIX** for information of the members of the Senate.

Items for Discussion and Approval

Item No. 20:   Earning Credit through the online courses available on the portal, COURSERA and other equivalent courses

Background:

AcSIR seeks to promote the spirit of creativity, innovation and entrepreneurship amongst the students with a view to encourage trans-disciplinary research that can significantly contribute to the holistic development of the country. Meaningful growth of an Institution depends on the commitments it has made to the society at large. Benefits of academic excellence cannot remain restricted to the boundaries of the academic wall. In an electronic age that has seen the walls razed down across states and countries, AcSIR wants to be global. AcSIR plans to award credit to the students if they earn certificates for the assigned credits from the huge repository of courses that are available on the portal known as COURSERA (*https://www.coursera.org/*) or equivalent portals. The contents of such courses have been created by well-known Instructors from a large number of leading universities across the globe. The course durations are flexible, so also the credits. The courses consist of lecture videos, which are between 5 and 20 minutes in length. These contain the necessary material and concepts to complete the course activities. There are standalone quizzes and final examination or a peer evaluated project. In addition to those required assignments, there are optional, on-your-own problem sets that do not count towards the final grade. These problem sets are meant to reinforce concepts presented in the lectures. The quizzes (for grades) and examination or projects (for grades) are to be submitted online and the evaluation is done by a group of experts. The final grade is awarded on completion of all the formalities. The registration is free of cost. Credits earned in such courses together with the grades will be recorded by the AcSIR coordinators at various laboratories. The courses have to be relevant for the specific programmes (Integrated MSc-Ph.D, Ph.D, Integrated M.Tech-Ph.D etc) and Ph.D topics of the enrolled Candidates. A typical example is cited here: "Virology I: How Viruses Work" is being offered by Prof. Vincent Racaniello of Coulmbia University. Duration of this course is 11 weeks. The url is: https://www.coursera.org/#course/virology. These could be extended to gap areas where CSIR does not have adequate expertise for offering courses, e.g., specialized areas of Science Management, IT, IPR, Law and Medicine, etc.

Proposal: At this stage the proposal is moved in the Senate for the prima-facie approval. Based on this approval a task force will be formed to outline the detailed modality of adopting such courses.

Items for Discussion and Approval

Item No. 21: Inclusion of GRE (Graduate Record Examination) as one of the eligibility criteria for admission to the post-graduate programmes at AcSIR

Background:

AcSIR aims to be the destination of talented, intelligent and creative students from across India and eventually from other developing/developed countries. The Graduate Record Examination, popularly known as GRE, is conducted by the Education Testing Service (ETS) on behalf of the GRE Board and Council of Graduate Schools in the USA. The pattern of the examination is objective with multiple-choice questions. This examination score is a necessary criterion for taking admission in many foreign universities. Due to new changes in the verbal and quantitative sections, the maximum possible score is now 170 in each section. The scale for analytical section is unchanged as 0 to 6 with increments of 0.5 units. The new test is designed to give enough opportunity to students for demonstrating their native intelligence and reasoning skills irrespective of their background. Large number of Indian students takes this exam who may not take the CSIR-UGC NET Exam. In order to attract these students, the following proposal is being placed before the Senate:

Proposal: In addition to existing qualifying exams (e.g., CSIR-UGC NET JRF/SRF, GATE etc.), GRE Score may be used as an additional criterion for selection in the Integrated M.Sc-Ph.D programme, Integrated M.Tech-Ph.D programme and stand-alone Ph.D programmes in all disciplines of AcSIR. It may be noted that top few students of JEE gets direct admission to the top US Universities. A suitable score may be used as the qualifying score. Any student scoring a perfect score gets direct admission to any programme offered by the Academy. Of course, before final admission a confirmed baccalaureate degree has to be earned.

At this stage the proposal is being placed in the Senate for it's in principle approval. Based on this approval a task force will be formed to frame guidelines so that GRE can be used as one of the admission criteria in all the post-graduate programmes of AcSIR.

Item No. 22: Statutes of AcSIR for onward submission to the Board of Governors

Background:

Clause 8(1)(v) of the AcSIR Act, 2011, directs the academy to "frame Statutes and Ordinances and to alter, modify or rescind the same." The Statutes shall encompass procedures for administration, management of finance, management of estates and endowments, registration of graduates and maintaining a database of registered graduates, personnel rules, service rules, discipline and conduct, delegation and acquisition of powers, relationship with other organizations and institutions, relationship with other organizations and institutions, quality assurance guidelines and other relevant matters.

As per Clause 17(2)(c) of the AcSIR Act, 2011, the Board of Governors has been assigned the powers to make Statutes. Accordingly, in the 1st meeting of the Interim Senate of AcSIR, held on February 2, 2011, a Senate Subcommittee was formed to formulate the draft Statues of the Academy. The Subcommittee submitted the draft Statues to the Senate for discussion in its second meeting held on August 17, 2011. Subsequently, the draft Statutes have undergone finer modifications based on opinions of various experts and is currently in the final stages of being formation.

Proposal: As per Clause 28(1) "the Statutes of the Academy shall be enacted by the Board". Thanking the Senate Committee and all those who had provided inputs, the Senate accepts the final version of the Statutes for onward submission to the Board for enactment.

The final version of the Statues is being enclosed as **Annexure XX.**

Item No. 23:   Ordinances of AcSIR for approval of the Senate

Background:

Clause 8(1)(v) of the AcSIR Act, 2011, directs the academy to "frame Statutes and Ordinances and to alter, modify or rescind the same." The Ordinances shall encompass admission procedure and fees, procedure of conduct of examinations, administration of Gifts, Endowments and Benefactions and award of Scholarships, Fellowships etc, control, supervision and inspection of teaching programmes of constituent institutions, convocation and award of degrees, management of overseas Affairs, residences of staff and students and other relevant matters.

As per Clause 30(2) of the AcSIR Act, 2011, "Ordinances shall be made by the Senate". Accordingly, in the 1st meeting of the Interim Senate of AcSIR, held on February 2, 2011, a Senate Sub-committee was formed to formulate the draft Statues of the Academy. The Sub-committee submitted the draft Statues to the Senate for discussion in its second meeting held on August 17, 2011. Subsequently, the draft Statutes have undergone finer modifications taking opinions of various experts and is ready to be considered for approval of the Senate.

Proposal: The Ordinances of the Academy in its final form is being placed for the approval of the Senate as **Annexure - XXI**.

Following receipt of approval by the Senate, the Ordinances will be submitted to the Board for its consideration in its next meeting. The Senate is also requested to propose a date to bring the Ordinances into effect.

Items for Discussion and Approval

Item No. 24: Faculty Guidelines of AcSIR

Background:
Now that the Academy is fully functional having more than 2600 students in its Ph.D and IMP programmes and with the possible introduction of the MS by Research programme in the near future, it has become necessary to formalize the faculty guidelines of AcSIR. Accordingly a detailed guideline for recognition as a faculty of AcSIR has been prepared for discussion and approval by the Senate. Subsequent to the approval, each laboratory should prepare a list of scientists proposed to be AcSIR faculty as per the guideline. The Coordinator of the laboratory will send such list to the AcSIR HQs with necessary approval from the Director of the laboratory.

The collated list of faculty drawn from among the Scientists of CSIR including eminent scientists and emeritus scientists will be ratified by the DG, CSIR and then the list will be placed before the AcSIR Senate for its approval. The list of faculty will be subsequently placed to the Board at its next meeting for information.

Proposal: The Faculty Guidelines of AcSIR is being placed as **Annexure - XXII** for approval of the Senate.

Item No. 25: Selection of non-CSIR scientists as faculty of AcSIR

Background:

AcSIR receives a number of requests or nominations from different laboratories and members of Board or Senate for inclusion of non-CSIR academicians as faculty of AcSIR in various honorary and other capacities. Each of the nomination needs special attention in determining the merit of the case.

Proposal: It is proposed for discussion and approval of the Senate, that a Senate Committee comprising of the Director, Associate Director (Academic) and all the Deans (or Associate Deans) of the faculty be formed to evaluate the merit of each case and forward its recommendation to the Senate for consideration.