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ANNEXURE-I

**INSTITUTE OF ADVANCED STUDY IN SCIENCE AND
TECHNOLOGY (IASST)
(AN AUTONOMOUS INSTITUTE UNDER DST, GOVT. OF INDIA)
PASCHIM BORAGAON, GARCHUK,
GUWAHATI- 781035**

**Minutes of the seventh meeting of the Scientific Advisory Council (SAC) of
IASST Guwahati-781035, held on October 10, 2014 at 11.00 a.m. in the
Conference Room of the IASST, Guwahati**

Members present

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| 1. | Prof. Milan K. Sanyal
Director, Saha Institute of Nuclear Physics
Kolkata | Chairperson |
| 2. | Prof. Tapan Chakrabarty
Chair Professor, VNIT
Nagpur | Member |
| 3. | Prof. Arun Chattopadhyay
IIT, Guwahati | Member |
| 4. | Dr. N. C. Talukdar
Director, IASST | Member |
| 5. | Prof. Veena Tandon
NEHU, Shillong | Member |
| 5. | Prof. B. C. Tripathy
Head, CCNS, IASST | Invitee |
| 6. | Prof. H. Bailung
Head, PSD, IASST | Member Secretary |
| 7. | Prof. S. Deka
LSD, IASST | Invitee |
| 8. | Prof. J. Kotoky
LSD, IASST | Invitee |

Prof. Sibaji Raha, Director Bose Institute, Kolkata, Prof. A. N. Rai, Former Vice Chancellor NEHU, Shillong; Prof. Rahul Mukherjee, IIM, Kolkata, Dr. P.G. Rao, former Director, NEIST, Jorhat could not attend the meeting due to their preoccupations.

Agenda item No. 1: *Welcome address and opening remarks by the Chairman, Scientific Advisory Council*

Prof. Milan K. Sanyal, Chairman welcomed the Honourable members to the 7th Scientific Advisory Council meeting of IASST, Guwahati. In his welcome address the Honourable chairman expressed happiness over the progress made by the IASST in desired direction. He also commented that there is a feeling in the country that something is missing in the early stage of education and what students learn from the teacher is not enough. He suggested that institute like IASST should have some outreach programmes at least once in a year to bring early class students for 4-5 hours course in the institute. The course may include teaching on Biology, Physics, Chemistry and Mathematics along with visit of laboratories of the institute. This will have high impact on students for taking Science and Engineering as their career. The Chairman commented that Science should have direct implication and application to the Society He then requested comments from the Honourable members. Prof. Veena Tandon emphasized that programme of the institute should also focus on school students. She also suggested to involve NGOs in inculcating knowledge of Science and Mathematics among the students. Prof. T. Chakrabarty suggested that traditional knowledge should be used in developing and cultivation of medicinal plants and also to work on value addition agriculture like propagation of agricultural plants like coconut and suggested to have lab to land programme. He emphasized on developing natural resource accounting procedure so that value of the natural resources like medicinal plants can be determined.

Agenda item No. 2: *Confirmation of Minutes of the Sixth Scientific Advisory Council meeting held on December 30, 2013.*

The Honourable Chairman invited comments on the minutes of the 6th Scientific Advisory Council of IASST. No comments were received from the members and the Council confirmed the minutes.

Agenda item No. 3: *Action Taken Report on the decisions/deliberations as per minutes of the Sixth meeting of the Scientific Advisory Council.*

Director, IASST informed the house that actions were initiated on all the decisions/suggestions made in the last SAC meeting.

Regarding training programme on Plasma Science, the Council suggested that the IASST should have its own course for this. On conducting courses of Plasma Science for the Gauhati University students the Council suggested that a report on this should be prepared by two persons, one from IASST and the other from Gauhati University and submits a copy to Director, IASST as well as Vice Chancellor, Gauhati University.

For recruitment of Academic staff the Council suggested to give rolling advertisement which will be open for the whole year. However, final decision on recruitment lies with the Governing Council.

The Chairman went through the submitted list of experts of different disciplines and approved the list. (The list enclosed)

Agenda item No. 4: *Approval of the Annual Report of IASST for the year 2013-14*

The Council went through the draft Annual Report of IASST for the year 2013-14 and appreciated it. The Council suggested that in the page no.11, before the detail description there should be brief description of five disciplines. The Chairman suggested to give a Pie chart of impact factors and Bar diagram showing chronological position. After discussion the Council approved the Annual Report with these minor modifications.

Agenda item No. 5: *Overview of the progress of R&D and other developmental activities of the institute*

The Director made a small presentation on progress of the overall research programmes of IASST since the last SAC meeting. The Council appreciated the progress of

the institute in aspects like no. of publications in impact factor journals, No. of Ph. D. students enrolled.

Regarding Academic Rules prepared by the institute the council suggested a minor modification to the effect that the foreign visit of scientists should be supported by the institute once in 2 years instead of 3 years (Sl. No. 8 a). The Council also suggested that there should be provision in the Academic Rules that exceptional cases will be handled by the Director. The chairman suggested to send further comments, if any by the SAC members in case of Academic Rules. The Council advised to place the corrected Academic Rules in the next SAC meeting.

The Council made the following further suggestions:

1. IASST to be member of the DBT DELINK sites.
2. To organize monthly colloquium and prepare an annual calendar of talks covering all the programmes plus two talks on general subjects in a year.
3. To engage in bilateral collaborative research with different countries by using DST's bilateral collaboration.
4. To request some organisations like ONGC, OIL etc. to invest in the IASST.

After going through the presentation made by the Director, the Council resolved as below:

"The Scientific Advisory Council is happy to know that overall academic activities and environment of IASST improved. The Committee congratulated the Director and his colleagues".

Agenda item No. 6: Presentation of progress of Academic Staff under different research programme

After the presentation made by the Director, individual scientists presented their research activities. The Chairman and members after going through their presentation appreciated their overall research activities and offered suggestion for further improvement.

The Chairman suggested that from the next SAC meeting scientists should give presentation group wise, one person of the group will give presentation which will rotate every time.

Agenda item No.7: Any other item(s) with the permission of the Chair

1. Extension of service of Faculty members of IASST beyond superannuation

The Scientific Advisory Council suggested that the superannuating faculty members should get opportunity to apply for extension of two years service (initially). The prevailing procedure in other DST institutes and other national institutes may be followed in this regard.

As there being no other items for discussion, the meeting ended with thanks to all the members from the Chair.



Chairman



Director, IASST