

Report on Rapport Building Interaction with MoU Institutes

Name of the Institute: International Institute of Information Technology, Bhubaneswar

Date of Interaction Visit: 01/03/2024

Name and Designation of BIS Nodal Officer: Abinash Bordoloi, Sc-C/Dy. Director

Details of Nodal Faculty:

Name and Designation: Dr. Sanjeev Kumar Mishra. Head, R & D Cell

Department: Electronics & Telecom Engineering

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Key Personnel of the Institute interacted with:

Sl. No.	Name	Designation	Department
1	Prof. Rakesh Chandra Balabantaray	Dean Academics	Administration
2	Prof. Debani Prasad Mishra	HOD	Electrical & Electronics Engineering
3	Prof. Rajat Kumar Giri	HOD	Electronics and Telecom Engineering
4	Prof. Anjali Mohapatra	HOD	Computer Science & Engineering
5	Prof. Bamdev Sahoo	HOD	Mechanical Engineering
6	Prof. Hiranmayee Satpathy	HOD	Basic Science and Humanities

Report:

Sl No.	Discussion Point	Remarks
1.	<p><i>Introduction of module/course on Standardization in curriculum</i></p> <p>(Propagating the idea of introduction of subjects on Standardization in modules/courses of key programmes in the following two formats:</p> <ul style="list-style-type: none">i) Course on general aspects of standardization (IIT Roorkee model)ii) Department specific courses) <p>a) Has the institute shown interest (Yes/No)</p> <p>b) If Yes, details on further discussions:</p> <ul style="list-style-type: none">i) Format of introduction (in the form of a course/special module/lecture series etc.	<ul style="list-style-type: none">a) Yes, the Institute has shown interest.b) The course module designed by IIT Roorkee with respect to the introduction of subjects on Standardization in their courses was presented during the meeting. Discussions on designing of course module like IIT Roorkee in the curricula of 1st/2nd semesters and department-specific courses for the subsequent semesters were held. The institute stated that the matter will be discussed in the meeting of the Syllabus Structure Committee (the Governing Body for Structuring the academic curricula of the institute) and the course/subjects on Standardization can be designed after the approval of the aforesaid committee. It was requested to share the module of the course on

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	ii) Key departments identified for introduction (indicating number and names of programmes identified) iii) Tentative timelines for implementation.	standardization with BIS for inputs on the same before finalization. c) As informed by the institute, the meeting of the Syllabus Structure Committee is scheduled in April 2025 for review and restructure of the Academic Curricula for 2025-2029. The course module on standardization will be designed after the approval of the committee as mentioned at (b) above.
2.	<p><i>R&D projects related to Standardization</i></p> <p>(Information to be shared on R&D guidelines and availability of ToRs on BIS portal, encouraging the institute for submission of proposals on areas of interest):</p> <p>a) Number and details of R&D proposals already submitted by the institute (Department –wise):</p> <p>b) Number and details of R&D proposals planned for submission (Department – wise):</p> <p>c) Any difficulties/challenges faced by the institute</p>	<p>a) No R&D Proposals have been submitted by any of the departments of the institute so far. However, information on R & D guidelines has been shared and explained to the members present during the meeting. Moreover, R&D projects and associated ToRs hosted on the BIS portal have also been demonstrated to the institute during the meeting. The institute was encouraged to submit R&D proposals that will be hosted by BIS on the BIS portal. They have also been requested to visit the BIS website regularly for updates on the same.</p> <p>b) The institute has been requested to submit R&D Proposals against the R&D projects on offer by BIS from each department relevant to their domain and areas of interest.</p> <p>c) None</p>
3.	<p><i>Dissemination of information related to BIS activities and initiatives among faculty and research scholars</i></p> <p>(Institute to be sensitized on the importance of dissemination of relevant information among its faculty and research scholars for their fruitful participation):</p> <p>a) How relevant information is being disseminated by the institute nodal officer</p> <p>b) Have the relevant reference</p>	<p>a) The relevant information related to BIS activities and initiatives are shared among faculty and Research Scholars through departmental email and also on internal WhatsApp groups upon receipt from BIS by the nodal officer.</p> <p>b) Yes, relevant reference handbooks/materials/information provided by BIS HQ have reached at the appropriate level.</p> <p>c) Information regarding Standardization</p>

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	<p>handbooks/materials/information provided by BIS HQ reached at appropriate levels?</p> <p>c) Was the information shared w.r.t. following) Also indicating the response of the institute:</p> <p>i) Standardization contest on sustainability</p> <p>ii) Contest on IEC logo</p> <p>iii) Development of Reference Handbooks</p> <p>iv) Calendar of Lecture Series (Discipline wise)</p>	<p>contest on sustainability, contest on IEC logo, Development of Reference Handbooks and calendar of Lecture Series (discipline-wise) have been shared with the institute. The institute showed interest in participating in the Standardization contest on sustainability, Contest on IEC logo, Development of Reference Handbooks, and in attending the discipline-wise Lecture Series.</p>
4.	<p><i>Database of faculty and research scholars</i></p> <p>(Details with their contact details as per Annex-1 to be obtained from the institute):</p> <p>a) Total Number of Faculty at the institute</p> <p>b) Number of faculty participating in Technical Committees of BIS</p> <p>c) Total Number of Research Scholars at the institute</p>	<p>The proforma for obtaining the contact details of faculty and research scholars has been shared with the institute. The same are attached in Annex 1 and Annex 2.</p> <p>a) Total Number of Faculty at the Institute. 41 (Out of which 32 are Regular & 9 are Contractual)</p> <p>b) NIL. However, the faculties have expressed interest in becoming members of the technical committees of BIS and participating in the technical committees of BIS.</p> <p>c) Total Number of research Scholars at the Institute: 29.</p>
5.	<p><i>Innovation center, start-up/incubation center at the institute</i></p> <p>a) Does such a setup exist at the institute (Yes/No)</p> <p>b) If Yes, details to be obtained as per Annex-2</p>	<p>a) No such setup exists at the institute at present. However, there are plans to set up such centers at the institute in the future.</p> <p>b) Not applicable.</p>
6.	<p><i>Conducting department specific BIS related programs like Technical Committee meetings, seminars, workshops, special visits etc</i></p> <p>a) Number of departments willing to conduct such activities:</p> <p>b) Name of such departments (indicating the scope of work/research and key interest subject areas)</p>	<p>a) Number of departments are willing to conduct such activities: 4</p> <p>b) The names of such departments with scope of work/research and key interest subject areas are given below:</p> <p>i) Computer Science & Engineering- Computer Vision, Information Security, Data Sciences, Bio-Informatics,</p>

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	<p>c) Details of infrastructure available to conduct various BIS-related programs indicating</p> <p>i) hall area, ii) seating capacity, iii) seating style, etc.</p> <p>iv) availability of facilities to host hybrid meetings</p>	<p>Machine Learning, Natural Language Processing, IoT and Cloud Computing, High-Performance Computing.</p> <p>ii) Electronics & Telecom Engineering-VLSI and Signal Processing, RF & Microwave Circuits and Antenna Design, Signal and Image Processing, Optical Communication, Microcontroller & IOT.</p> <p>iii) Electrical Engineering- Power Quality, Signal Processing, Power System Protection, Power Distribution Network Reconfiguration, Renewable Energy, Soft Computing.</p> <p>iv) Mechanical Engineering- Nonlinear Dynamics, Stability and Bifurcation Analysis, Heat Transfer.</p> <p>c) i) Number of halls available: 2</p> <p>ii) Seating Capacity: One hall can accommodate 200 people and another hall can accommodate 100 people.</p> <p>iii) Seating Style: Theatre type</p> <p>iv) Availability of facilities to host hybrid meetings: Yes. The same can be arranged as per requirement.</p>
7.	<p>Standards Club Activities</p> <p>a) Number of Standards Clubs established and name of corresponding department</p> <p>b) Number of Standards Clubs planned for set up and name of corresponding department</p> <p>c) Whether BIS policy on Standards Club is shared with all HoDs of engineering/technical departments.</p>	<p>The guidelines for the formation of Standards Clubs was discussed during the meeting. Relevant documents with respect to the formation of standards clubs were also shared during the meeting.</p> <p>a) No Standards Clubs have been established in the institute yet. However, the institute has expressed interest in the formation of standards clubs in each of the departments. The work of formation of standards Clubs is under process.</p> <p>b) Nos. of standards clubs have been planned for set up in 3 departments.</p>

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		c) Yes. BIS policy on Standards Club has been shared with all the HODs of Engineering/technical departments.
8.	<i>Any other feedback/information</i>	