

Report on Rapport Building Interaction with MoU Institutes

Name of the Institute: National Institute for Technical Teachers Training and Research, Taramani,(NITTR) Chennai uunder Ministry of Education Govt of India

Date of Interaction Visit: on 14th Feb 2024

Name and Designation of BIS Nodal Officer: Dr Meenakshi Ganesan, SC G &H SRL

Details of Nodal Faculty:Civil Engineering Department

Name and Designation:

Dr.E.S.M.Suresh, M.E., Ph.D., Professor
Dr.R.Santhakumar, B.E., M.E., Ph.D., Professor and Head
Dr.G.Janardhanan, M.E., Ph.D (USA), Professor
Dr.K.S.A.Dinesh Kumar, M.E., Ph.D., Professor
Dr.Vinod Kumar Adigopula, M.Tech., Ph.D., Assistant Professor

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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.	<p>Showned interest. However, as the syllabus is driven by AICTE they are not in a position immediately to directly introducethe subjects in the syllabus. However, they informed they will check the possibility to improve curse curriculum of Andhra, Telengana and Tamilnadu engineering and Polytechnics as well as NPTEL related subjects.</p>

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	ii) Key departments identified for introduction (indicating number and names of programmes identified) iii) Tentative timelines for implementation.	
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>They evinced keen interest in structural engg related subjects</p> <p>One R and D project – submission details - Civil Engineering – structural engineering related on the title</p> <p>Study of the Technological advancement in the manufacture and market trends in he utilization of calcium silicate bricks as building material</p> <p>One more planned in April 2024</p> <p>Challenges: Lack of students as they are only faculties predominantly here who are like trainer of trainer for many engg colleges and polytechnics in southern region. Only 7 Phd scholars</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 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>Information dissemination is over email initially shared with HoDs of Depts and subsequently from HoDs to faculties in the respective department.</p> <p>Further, Nodal faculty is sharing all information through whatsapp group Nodal officer undersigned is conveying all info thro whatsapp as well as cnbo conveying all messages and communication to them</p> <p>Yes</p> <p>Yes</p> <p>Information shared on all the listed aspects.</p> <p>Information not readily available</p> <p>Advised to visit BIS website regularly</p>

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	iii) Development of Reference Handbooks iv) Calendar of Lecture Series (Discipline wise)	No participation Informed all the faculties about the lecture series
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 institute):</p> <p>a) Total Number of Faculty at institute</p> <p>b) Number of faculty participating in Technical Committees of BIS-NIL</p> <p>c) Total Number of Research Scholars at institute</p>	<p>Departments of Research areas:</p> <hr/> <p>CIVIL & ENVIRONMENTAL ENGINEERING COMPUTER SCIENCE AND ENGINEERING CURRICULUM DEVELOPMENT PLANNING AND COORDINATION EDUCATIONAL MEDIA AND TECHNOLOGY ELECTRICAL ELECTRONICS AND COMMUNICATION ENGINEERING EDUCATION MECHANICAL ENGINEERING</p> <hr/> <p>Total number of faculty sanctioned 48, available -33</p> <p>Advise given on how to give comments</p> <p>Seven Phd Scholars- directly in this institute</p> <p>Research areas supervisors: are Dr G Janardhanan and Dr V K Aigopula</p> <p>And more 7-Research supervisors in Anna university and 3-Research supervisor in Madras university</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>No</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>c) Details of infrastructure available to conduct various BIS related programs indicating</p> <p>i) hall area, seating capacity, seating style etc</p> <p>ii) availability of facilities to host hybrid meetings</p>	<p>Informed the HoDs of all departments about the same. They will check and revert.</p> <p>They will check and revert.</p> <p>Three seminar hall with 50 capacity One auditorium hall of 150 capacity And e tools enabled classroom for faculties</p> <p>They have full fledged and state of art multimedia lab camera and all wifi facilities</p>
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7.	<p><i>Standards Club Activities</i></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>Established in only one department and they are active, Standards club students has come to BIS / industry for exposure visit also</p> <p>-They donot have student strength and only faculties as trainer of trainers</p> <p>Yes. Feedback: Process and documentation in getting advance payment standards club activity could be simplified (avoiding the need for submitting declaration in stamp paper)</p>

8.	<i>Any other feedback/information</i>	<p>FEEDBACK: The following feedback/concerns were raised</p> <ol style="list-style-type: none">1. The timeline given for R& D proposals is not sufficient2. The process for seeking advance payment for standards club activity should be simplified3. Wanted to check the Possibility of BIS facilitating students /faculty exposure visit to manufacturing units of BIS licensees. <p>INFORMATION</p> <ol style="list-style-type: none">1. Discussed the possibility of jointly organizing conferences/symposiums preferably in the campus especially lab equipment related infrastructure on building materials
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