

Report on Rapport Building Interaction with MoU Institutes

Name of the Institute: M/s Institute of Engineering, Nirma University, Ahmedabad, Gujarat

Date of Interaction Visit: 13.03.2024

Name and Designation of BIS Nodal Officer: Dr Shashikant Joshi, Professor

Details of Nodal Faculty:

Name and Designation: Dr S J JOSHI, Professor

Department: Mechanical Engineering

Contact Number & Email Id: Ph No: **9427327250**, Email Id: **s.j.joshi@nirmauni.ac.in**

Key Personnel of Institute interacted with:

| Sr No. | Name of Faculty | Designation | Department |
|---------------|------------------------|---------------------------|---|
| 1 | Dr Urmil Dave | Head of Department | Civil Engineering |
| 2 | Dr K M Patel | Head of Department | Mechanical Engineering |
| 3 | Dr S C Vora | Head of Department | Electrical Engineering |
| 4 | Dr Milind Joshipura | Head of Department | Chemical Engineering |
| 5 | Dr H K Patel | Head of Department | Electronics and Instrumentation Engineering |
| 6 | Dr S J Joshi | Professor (Nodal Officer) | Mechanical Engineering |
| 7 | Dr Y N Trivedi | Professor | Electronics and Communication Engineering |
| 8 | Dr Sudip Tanwar | Professor | Computer Science and Engineering |

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: i) Course on general aspects of standardization (IIT Roorkee model) ii) Department specific courses)</p> <p>a) Has the institute shown interest (Yes/No)</p> | Yes |

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| | <p>b) If Yes, details on further discussions:</p> <p>i) Format of introduction (in the form of a course/special module/lecture series etc.</p> <p>ii) Key departments identified for introduction (indicating number and names of programmes identified)</p> <p>iii) Tentative timelines for implementation.</p> | <p>i) The detailed discussion was held with the Head of Departments of all the disciplines. During the discussion, all the Heads were agreed to explore the possibility to Introduce 2 hrs generic module/course in 1st year and 2 hrs for discipline specific.</p> <p>ii) It is expressed that the Module/course would be introduced for 1st year students which is common for all the disciplines. Also agreed to explore discipline specific module/course for 2 hrs approx.</p> <p>All their modules/courses are approved courses by university which takes procedural time therefore, immediate confirmation was not given. However, it is confirmed that the BIS will be featured during orientation programme of new batches. Following discipline is run by the institute:</p> <ol style="list-style-type: none"> 1. Mechanical Engineering 2. Electrical Engineering 3. Chemical Engineering 4. Electronics and Instrumentation 5. Civil Engineering 6. Computer science 7. Electronics and Communication <p>iii) Timeline for introduction of course will be informed by institute after discussion the Director of Institute. It is also discussed that a working group including HoDs and professors will be created to develop the course content within 2 months in association with BIS after formal approval of introduction of course.</p> |
| 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> | |

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| | <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) 12</p> <p>b) 0</p> <p>c) Requested to increase time line from 3 month to at least 6 months.</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 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>iii) Development of Reference Handbooks</p> <p>iv) Calendar of Lecture Series (Discipline wise)</p> | <p>a)Through electronic media and also through personnel meeting.</p> <p>b)Yes</p> <p>i)It was very well communicated and participation is also received.</p> <p>ii)Yes</p> <p>iii)Yes</p> <p>iv)Yes, it was communicated and also demonstrated during rapport building visit.</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 institute):</p> <p>a) Total Number of Faculty at institute</p> <p>b) Number of faulty participating in Technical Committees of BIS</p> | <p>a)Details will be provided by Institute in due course</p> <p>b)Total=02</p> <p>1. Dr V J Lakhera, Professor, Mechanical Engineering (Member of CHD-27). Email Id: vikas.lakhera@nirmauni.ac.in</p> |

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| | c) Total Number of Research Scholars at institute | 2.Dr Saurin Parikh, Professor (Member of LITD). Email Id: saurin.parikh@nirmauni.ac.in c) Details will be provided by Institute in due course. |
| 5. | <i>Innovation center, start-up/incubation center at the institute</i> a) Does such a setup exist at the institute (Yes/No) b) If Yes, details to be obtained as per Annex-2 | a)Yes b) The details in Annex-2 will be provided by the institute in due course. |
| 6. | <i>Conducting department specific BIS related programs like Technical Committee meetings, seminars, workshops, special visits etc</i> a) Number of departments willing to conduct such activities: b) Name of such departments (indicating the scope of work/research and key interest subject areas) c) Details of infrastructure available to conduct various BIS related programs indicating i) hall area, seating capacity, seating style etc ii) availability of facilities to host hybrid meetings | a)05 b) Mechanical, Electrical, Civil, Electronics and Instrumentation, Chemical Engineering. Institute also willing to host committee meeting in their institute and ready to share their infrastructure. i)Total= 4 Seminar Halls (2 capacity of 150 and other 2 capacity of 80) Two Auditorium (One capacity of 300 & other capacity of 500) ii) VC arrangements are not available in any of the Hall |
| 7. | <i>Standards Club Activities</i> a) Number of Standards Clubs established and name of corresponding department b) Number of Standards Clubs planned for set up and name of corresponding department | a)Total=04 (Electrical Engineering, Mechanical Engineering, Civil Engineering and Chemical Engineering) b)Nil |

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| | c) Whether BIS policy on Standards Club is shared with all HoDs of engineering/technical departments. | c)Yes |
| 8. | <i>Any other feedback/information</i> | Institute has requested to deliver some discipline specific customized lectures for their students. The details of committees under each divisional council has been shared with them to identify the topics/standard or group of standard in which they need lectures and inform BIS. |