Report on Rapport Building Interaction with MoU Institutes

Name of the Institute: Cochin University of Science and Technology, Kochi

Date of Interaction Visit: 23 Feb 2024

Name and Designation of BIS Nodal Officer: Dr. Surya Kalyani S., Director & H(TNMD)

Along with the undersigned, Smt. Junitha, Sc-D (KOBO), Sh. Sai Kumar Vedula, Sc-D(KOBO), Sh. Sudhanshu Rai, Sc-D (CMD I), Smt. Divya S., Sc-D (CED) and Smt. Neha Agarwal, Sc-C (ETD) also engaged in discipline wise Rapport Building Interaction.

Details of Nodal Faculty:

Name and Designation: Smt. Sheena K M , Associate Professor

Department: Electrical and Electronics Engineering, School of Engineering

Contact Number & Email Id: 9495970110, sheena@cusat.ac.in

Key Personnel of Institute interacted with:

S. No.	Name	Designation	Department
1	Roy M Thomas	Professor	Civil Engineering
2	Dr. Subha V	Professor	Civil Engineering
3	Dr. Deepa Balakrishna S	Professor	Civil Engineering
4	Dr. Glory Joseph	Professor	Civil Engineering
5	Dr. Job Thomas	Professor	Civil Engineering
6	Dr Ramadass S	Associate Professor	Civil Engineering
7	Swathy Pushpan	Assistant Professor	Civil Engineering
8	Vishnu Sasidharan	Assistant Professor	Civil Engineering
9	Minisha T M	Assistant Professor (On contract)	Civil Engineering
10	Sanoop G	Assistant Professor (On contract)	Civil Engineering
11	Sanjana N	Assistant Professor (On contract)	Civil Engineering
12	Tide P S	Professor	Mechanical Engineering
13	Kiran Mukund	Assistant Professor	Mechanical Engineering
14	Priyadarshi Dutt	Assistant Professor	Mechanical Engineering
15	Joshi P J	Assistant Professor (On contract)	Mechanical Engineering
16	Yadhu G	Assistant Professor (On contract)	Mechanical Engineering
17	Ramu S.	Assistant Professor (On contract)	Mechanical Engineering
18	Jineesh M. R.	Assistant Professor (On contract)	Mechanical Engineering
19	Dr. Asha Daniel	Professor	Electronics and Electrical

20	Rosamma Thomas	Assistant Professor	Electrical Engineering
21	Neethu N M	Assistant Professor (On contract)	Electrical Engineering
22	Reshma K Jayan	Assistant Professor	Electrical Engineering
23	Jithin jose	Assistant Professor	Electrical Engineering
24	Vidya Viswan	Assistant Professor (On contract)	Electrical Engineering
25	Ankitha M R	Assistant Professor (On contract)	Electrical Engineering
26	Jassia M A	Assistant Professor (On contract)	Electrical Engineering
27	Reshmi Retnan	Assistant Professor (On contract)	Electrical Engineering
28	Mithra P S	Assistant Professor (On contract)	Electrical Engineering
29	Resmimol A R	Assistant Professor (On contract)	Electrical Engineering
30	Jibin George	Assistant Professor (On contract)	Electrical Engineering
31	Dr. Santosh Kumar M B	Professor	Information Technology
32	Lima Johnson K	Assistant Professor	Information Technology
33	Smitha John	Assistant Professor	Information Technology
34	Kalyani Sudheep	Assistant Professor (On contract)	Information Technology
35	George Mathew	Professor	Safety and Fire Engineering
36	Shankar M P	Assistant Professor	Safety and Fire Engineering
37	Dr. Dhannia T	Professor	Applied Sciences & Humanities
38	Syama John	Assistant Professor (On contract)	Applied Sciences & Humanities
39	Dr. Jayanthy S. Panicker	Assistant Professor (On contract)	Applied Sciences & Humanities
40	Dr. Sarita G. Bhat	Professor	Biotechnology
41	Dr. Parvathi A	Professor	Biotechnology

Report:

Sl No.	Discussion Point	Remarks
1.	***Introduction of module/course on Standardization in curriculum*** (Propagating the idea of introduction of subjects on Standardization in modules/courses of key programmes in the following two formats:	Presentation on "Introduction of module/course on Standardization in curriculum" was delivered 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

Sl No.	Discussion Point	Remarks
	i) Course on general aspects of standardization (IIT Roorkee model) ii) Department specific courses)	
	a) Has the institute shown interest (Yes/No)	Yes
	b) If Yes, details on further discussions:	
	i) Format of introduction (in the form of a course/special module/lecture series etc.	To be introduced in the context of lectures on subjects through faculty. Each course in a program is conceived by the Department Council. The syllabus, eligibility and evaluation regulations are framed by the Board of Studies comprising subject experts, industrial experts and other stakeholders. Later on this is scrutinised in the Academic Council of the University. Finally, the Syndicate of the University scrutinises the feasibility before approval.
	ii) Key departments identified for introduction (indicating number and names of programmes identified)	Civil Engineering, Mechanical Engineering, Electronics and Electrical Engineering, Information Technology, Safety and Fire Engineering, Applied Sciences and Biotechnology.
	iii) Tentative timelines for implementation.	Next Academic Year
2.	***R&D projects related to Standardization*** (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): a) Number and details of R&D proposals already submitted by the institute (Department –wise):	Information was shared with the faculty. Nil

Sl No.	Discussion Point	Remarks
	b) Number and details of R&D proposals planned for submission (Department –wise):	The faculty assured that they will look into the projects. However, no commitment was given.
	c) Any difficulties/challenges faced by the institute	No such input was provided.
3.	***Dissemination of information related to BIS activities and initiatives among faculty and research scholars***	
	(Institute to be sensitized on importance of dissemination of relevant information among its faculty and research scholars for their fruitful participation):	
	a) How relevant information is being disseminated by the institute nodal officer	Through emails.
	b) Have the relevant reference handbooks/materials/information provided by BIS HQ reached at appropriate levels?	Dissemination at School of Engineering is satisfactory. However, at Biotechnology Department dissemination was not found satisfactory.
	c) Was the information shared w.r.t. following) Also indicating the response of the institute:	
	i) Standardization contest on sustainability	Yes. Not much interested.
	ii) Contest on IEC logo	Yes. Interested.
	iii) Development of Reference Handbooks	Yes. However, RFP route is not convenient.
	iv) Calendar of Lecture Series (Discipline wise)	Yes. Interested.
4.	***Database of faculty and research scholars***	
	(Details with their contact details as per Annex-1 to be obtained from institute):	Attached. (The University has various subjects, including Humanities. Only relevant data attached)

Sl No.	Discussion Point	Remarks
	a) Total Number of Faculty at institute	Sanctioned Strength – 577 No. of full time teachers – 460
	b) Number of faulty participating in Technical Committees of BIS	Nil
	c) Total Number of Research Scholars at institute	124
5.	***Innovation center, start-up/incubation center at the institute***	
	a) Does such a setup exist at the institute (Yes/No)	Yes
	b) If Yes, details to be obtained as per Annex-2	Attached.
6.	***Conducting department specific BIS related programs like Technical Committee meetings, seminars, workshops, special visits etc***	
	a) Number of departments willing to conduct such activities:	1
	b) Name of such departments (indicating the scope of work/research and key interest subject areas)	Civil Engineering
	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	Cochin University of Science and Technology has three campuses – the Main Campus at Thrikkakara, the Lakeside Campus in Kochi city and the Rural Campus at Pulinkunnu, Alappuzha. The total number of class rooms and seminar halls in the departments/schools/centres is 220. The class rooms/seminar halls are provided with LCD projectors. All the Departments/Schools/Centres have their own Seminar Halls/Auditoriums. The Seminar Complex of the University consists of an audtorium with a seating capacity of 750, and two seminar halls with a seating capacity of 150 and 60 respectively. In addition to this, there is an open air auditorium on the campus with a seating capacity of about 1000.

Sl No.	Discussion Point	Remarks
7.	***Standards Club Activities***	
	a) Number of Standards Clubs established and name of corresponding department	Nil
	b) Number of Standards Clubs planned for set up and name of corresponding department	Civil Engineering, Mechanical Engineering, Electronics and Electrical Engineering
	c) Whether BIS policy on Standards Club is shared with all HoDs of engineering/technical departments.	Dissemination at School of Engineering is satisfactory. However, at Biotechnology Department dissemination was not found satisfactory. The information has been shared with them during the Rapport Building Session.
8.	***Any other feedback/information***	-