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Minutes

Date **Venue** **Time**
19.05.2023 Virtual GMeet 11:00 PM

Participants

SNO	Name	Designation	Organization
1	Dr.Luke Elizabeth Hanna	Scientist ?F? & Industry Expert	NIRT -ICMR
2	Anshul Saxena	Sr. Director	Life Science Sector Skill Development Council
3	Mohammed Tameemuddin Siddiqui	Cluster Head (South India)	Life Science Sector Skill Development Council
4	Samriti Takiar	Executive - Standards & Learning Resources	Life Science Sector Skill Development Council
5	Thirunavukarasu	Industry Expert	Biosystems Diagnostics Pvt Ltd
6	S.Shanthi	DRO, Project Director (Tech)	Naan Mudhalvan, TNSDC
7	Dr.Durgarajulu	VP, Industry Connect	Naan Mudhalvan
8	Dr.Mohammed Sheriff	VP MEAC	Naan Mudhalvan
9	Anjana A M	AVP, Service Industry Engagement	Naan Mudhalvan
10	Pinky J	Program Manager	Naan Mudhalvan
11	Vinoth M	Program Manager	Naan Mudhalvan
12	Deepak Ram	Program Manager	Naan Mudhalvan
13	Kalyan Kumar	Program Manager	Naan Mudhalvan
14	Nagavarsini	Intern	Naan Mudhalvan

Points Discussed

The meeting was convened to review the set of courses in the health sector that will be relevant and appropriate for the students of 5th semester UG in Arts and Science Colleges. The discussion was based on the courses received through EoIs and existing training partners in the specific sectors such as pharma, biotech, biomedical instrumentation and life science. After the deliberation among the participants regarding the courses listed, the following points were observed and summarised. Some of the courses which fall under highly regulated sectors such as pharmaceuticals, paramedicals, diagnostics etc were not recommended among the list. Considering the NM course implementation in the respective colleges as a 45hrs, 2 credit

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mandatory program, the following courses were approved with the additional comments are given below.

Course & Comments

SNO	Course	Comments
1	International Regulatory Requirements for Good Manufacturing Practices	Good course for the UG students
2	International Regulatory Requirements for Clinical Trials and Data Management	Good course for the UG students. Based on the feedback from students and faculties, advanced curriculum of the same can be extended to the sixth semester which will be beneficial.
3	Genomic Mastery Courses	Course content is good and relevant. NGS portion can be removed. Name should be changed and should focus on hand-on techniques rather than theory classes
4	Molecular Biology Mastery Course	Course content is good and relevant. Name should be changed and should focus on hand-on techniques rather than theory classes
5	PCR Technology - Intermediate Course	Course content is good and relevant. The course should focus on hand-on techniques rather than theory classes
6	Microbiological techniques: Hands on Technique for the isolation and Identification of microbes at lab and visualisation	Course content is good and relevant for the industry. The course should focus on hand-on techniques rather than theory classes
7	Upstream processes: Fermentation technology: (Lab scale to Industrial Scale)	Course content is good and relevant. The course should focus on hand-on techniques rather than theory classes. However, this can be given to institutions only where fermenter and other bioprocess lab equipment are available.
8	Downstream processing	Course content is good and relevant. The course should focus on hand-on techniques rather than theory classes. However, this can be given to institutions only where fermenter and other bioprocess lab equipment are available.
9	Molecular Biology techniques	Course is good and relevant. As most of these aspects are already covered in the general curriculum, the training should focus on hand-on technique learning
10	Plant Tissue culture techniques	Course is good and relevant especially for Tamil Nadu regional industries. As most of these aspects are already covered in the general curriculum, the training should focus on hand-on technique learning.
11	Animal or Mammalian Cell Culture Techniques	Course is good and relevant especially for Tamil Nadu regional industries. As most of these aspects are already covered in the general curriculum, the training should focus on hand-on technique learning.
12	Algal Technology	This is again part of the upstream and downstream fermentation processes. It can be included.
13	Troubleshooting & calibration of medical equipment (For Electronics, Physics and Instrumentation Departments only)	The course is good. It would be more industry relevant and placement focused, if the course covers qualification, calibration and validation of all equipment in medical and pharma industry rather than troubleshooting alone

Conclusion

- The meeting ended with a consensus to follow-up on the recommendations.