

# Joint Certification Course Proposal

Submitted to  
**Dr. Reddy's Laboratories Ltd.,**  
**Technical Training Center, FTO – HO,**  
**Bachupally, Medchal Dist.,**  
**Hyderabad - 500 090, Telangana, India.**

By



**Prof. Gargi Das**  
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## **Introduction**

M/s. Dr. Reddy's Laboratory is one of the top vertically integrated Pharmaceutical Manufacturing companies in India. In view of the ever-increasing need for science and technology that helps continuous business improvements, Dr. Reddy's Laboratories Ltd. are looking to partner with an esteemed institute like IIT Khargapur to support their growth aspirations. In this connection M/s. Dr. Reddy's Laboratory is interested to take technical expertise of IIT Kharagpur to offer short-term certification course on selective areas like :

- Filtration
- Crystallization techniques
- Distillation techniques
- Drying techniques
- Fluid mechanics

This is essential to build the capabilities of their API manufacturing employees in order to improve production efficiencies in operations. In this regard, there were preliminary communications between Mr. Dayakar Reddy P, Director & Head - Technical Training and Prof. Gargi das, HOD, Chemical Engineering, IIT Khargapur.

The Department of Chemical Engineering will be offering course on Filtration which is believed as very relevant for API manufacturing. In the light of above initiative, following proposal has been submitted for releasing the funds and issuing work order. Detailed course outline lecture-wise will be prepared and communicated by respective faculty members to meet the learning expectations sought from individual course.

The proposed curriculum will be delivered through classroom environment through online lecture (due to COVID restrictions) and interactions along with by assignments (pre and post) and projects. In case the lectures are recorded, the recordings will be used as resource materiel by the employees of Dr. Reddy's only for learning purposes and for no other purposes. IIT-Kharagpur will also issue the training presentations (Power Point or any other suitable form) at least 1 week in advance before each lecture.

The courses will be offered under Continuing Education Cell of IIT Khargapur and a certificate will be issued jointly by Dr. Reddy's Laboratories Limited and IIT Kharagpur.


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| 1. | <b>Name, Address, Website and email of the organization</b>                    | Indian Institute of Technology, Kharagpur<br>Dist: Midnapur(W)<br>Kharagpur-721 302 , West Bengal, INDIA<br><a href="http://www.iitkgp.ac.in">http://www.iitkgp.ac.in</a><br>Email: <a href="mailto:gargi@che.iitkgp.ac.in">gargi@che.iitkgp.ac.in</a>  |
| 2. | <b>Organizational Type</b>   | The organization is a Central Government institution under MHRD. For details please visit website: <a href="http://www.iitkgp.ac.in">http://www.iitkgp.ac.in</a>  |
| 3. | <b>Contact Person – Name, Address with Telephone &amp; Fax Nos. and E-Mail</b> | <b>Prof. Gargi Das</b><br>Department of Chemical Engineering<br>Indian Institute of Technology Kharagpur,<br>Kharagpur, Dist: Midnapur (W)<br>Kharagpur – 721302<br>West Bengal, INDIA<br>Phone: +91-3222-383952 (Office)<br>Fax: +91-3222-282250<br>E Mail: <a href="mailto:gargi@che.iitkgp.ac.in">gargi@che.iitkgp.ac.in</a> |
| 4. | <b>Expertise</b>   | The Department of Chemical Engineering, IIT Kharagpur has expertise in the field of Fluid Dynamics, Crystallization, Distillation, Drying, Particle Technology, Pollution Control , Heat Transfer, Thermodynamics etc. to offer basic and advanced level certification courses  |

### Budget and Terms of Payment

For each course - module of 3 weekends comprising of 3 two hourly sessions per weekend will be delivered by IIT Kharagpur (can be extended) and would charge a fees of Rs. 28, 320 (Rupees Twenty eight thousands three hundred and twenty only) towards honorarium, course material preparation, Institute Overhead, Coordinator Fee, Auditor's Remuneration as applicable.

Government of India GST (presently 18 %) or as applicable as per Govt. of India notifications at the time of releasing funds on total cost will be charged and to be released with the course fees.

Course fees will be disbursed to IIT Kharagpur as per the norms followed by Dr. Reddy's immediate after the course completion.

  
Name : Dayakar Reddy  
Designation : Head – Technical Training  
For Dr. Reddy's

Name :  
Designation :  
For IIT-Kharagpur