

Registration Form

Workshop on Microbial Technology and Its Applications (10th to 11th October 2009)

To,
The Organising Secretary,
Workshop on Microbial Technology,
Department of Microbiology,
Dolphin (PG) Institute of Biomedical & Natural Sciences,
Manduwala, Chakarata Road,
Dehra Dun - 248 007 (UK)
Telephone: 0135-6452811; **Telefax:** 0135-2694547
Mobile: 09412381341, 09997703254, 09997765718
e-mail: seema_rawat@rediffmail.com ; tejpai_dhewa07@rediffmail.com

Sir/Mam,
I am submitting herewith my duly completed Registration form and the fee amounting

Rs. as detailed below:

Name of Student/ Faculty with designation):

Class (for students only):

Courses taught (for faculty only).....

Department:

Address of the Institution/ College:

.....

.....

Telephonee-mail

Accommodation : Required/ Not Required (Please tick the appropriate)

***Payment Details**

Amount in Rs.: Name of Bank:

DD No. Date.....

On account of Registration fee for the above training.

Signature
(Student/Faculty)

Verified and Recommended for participation in the hands-on-training.

Dated

(HOD/ Principal)
Official Seal

Registration Details

	Aug. 31 st '09	Sep. 30 th '09	*On Spot <small>(Depending on availability of seats)</small>
Hands-on-Training	Rs. 1200	Rs. 1500	Rs. 2000
Workshop	Rs. 500	Rs. 550	Rs. 650
Accommodation Charges : Students : Rs. 150 per day, Faculty : Rs. 250 per day.			

* Send DD in favour of **"Workshop on Microbial Technology"** payable at Dehra Dun.

** Accommodation in dormitory type for students and shared rooms for faculty.

Note: Registration form can also be downloaded from our website :
<http://www.dolphininstitute.info>

Registration Form

Hands-on-Training on “Fermentation Technology”
(7th to 9th Oct. 2009)

To,
The Organising Secretary,
Hands-on-Training Programme,
Department of Microbiology,
Dolphin (PG) Institute of Biomedical & Natural Sciences,
Manduwala, Chakarata Road,
Dehra Dun - 248 007 (UK)
Telephone: 0135-6452811; Telefax: 0135-2694547
Mobile: 09412381341, 09997703254, 09997765718
E-mail: seema_rawat@rediffmail.com ; tejpal_dhewa07@rediffmail.com

Sir/Mam,
I am submitting herewith my duly completed Registration form and the fee amounting

Rs. as detailed below:

Name of Student/ Faculty with designation):

Class (for students only):

Courses taught (for faculty only).....

Department:

Address of the Institution/ College:

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Telephonee-mail

Accommodation : Required/ Not Required (Please tick the appropriate)

*Payment Details

Amount in Rs.: Name of Bank:

DD No. Date.....

On account of Registration fee for the above training.

Signature
(Student/Faculty)

Verified and Recommended for participation in the hands-on-training.

Dated

(HOD/ Principal)
Official Seal

Registration Details

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Accommodation Charges : Students : Rs. 150 per day, Faculty : Rs. 250 per day.			

* Send DD in favour of “**Workshop on Microbial Technology**” payable at Dehra Dun.

** Accommodation in dormitory type for students and shared hostel type rooms for faculty.

Note: Registration form can also be downloaded from our website :
<http://www.dolphininstitute.info>

Hands-on-training on “Fermentation Technology”

In Association with: Geo Marrine Biotechnologies

Chief Coordinator: Mr. Tejpal Dhewa

Coordinators: Mr. Ashok Singh, Ms. Tripti Malik, Mr. Asrar, Mr. S. Khare

Venue : Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehra Dun.

Programme Schedule

Day 1 7th October 2009 (Wednesday)

09.00 to 09.30 Hrs.	Inaugural
09.35 to 10.30 Hrs.	Introduction to fermentation and bioreactors
10.30 to 10.40 Hrs.	Tea
10.45 to 11.45 Hrs.	Design of fermenter and fabrication
11.50 to 13.00 Hrs.	Drawing by students on the parameters provided
13.05 to 13.45 Hrs.	Lunch
13.50 to 14.50 Hrs.	Fermentation parameters and importance in production
14.55 to 16.55 Hrs.	Media formulation and preparation for small and large scale production
17.00 to 17.15 Hrs.	Tea
17.20 to 18.00 Hrs.	Inoculum development for the fermenter run

Day 2 8th October 2009 (Thursday)

07.00 to 09.00 Hrs.	Preparation of media and sterilization of fermenter
9.05 to 10.00 Hrs.	Strategies for production of different compounds using fermentation technology
10.05 to 10.45 Hrs.	Inoculation of fermenter and different media sterilized the previous day (flask culture)
	Invited Lecture from Industry (Mr. G.S. Bedi, Division Fermentation, Ranbaxy, Paonta Sahib)
	Tea
10.50 to 11.00 Hrs.	Biomass production vs. Bioproducts vs. Bioprocessing using Fermentation
11.05 to 11.40 Hrs.	Monitoring of growth and enzymes production
11.45 to 13.00 Hrs.	Lunch
13.00 to 13.45 Hrs.	Preparation of media for lactic acid production and sterilization
13.45 to 17.45 Hrs.	Decontamination of fermenter and inoculation for lactic acid production
17.55 to 18.55 Hrs.	

Day 3 9th October 2009 (Friday)

08.00 to 13.00 Hrs.	Biomass and activity of enzyme in different media (from previous day) and estimation of yield of lactic acid
13.00 to 14.00 Hrs.	Lunch
14:00 to 16.00 Hrs.	Analysis of the experiments and strategy planning
16.00 to 16.45 Hrs.	Valedictory

Eligibility: M.Sc Microbiology, M.Sc. Biotechnology, M.Sc. Biochemistry, M.Sc. Botany, M.Sc. Biomedical Science, M.Sc. Zoology, M.Sc. Food Technology.

Benefits: An Industry focused training programme will help in equipping the students as per the need of the Industries.

Note: Seats are limited and restricted to forty (40) candidates only.