



Ambe Durga Education Society's

**Dadasaheb Balpande
College of Pharmacy**

NEAR SWAMI SAMARTH DHAM MANDIR, BESA, NAGPUR- 440037.

Workshop on Advance Applications of HPLC

17th -18th September 2021

in Association with



**SPINCO BIOTECH
PVT LTD**

BRINGING TECHNOLOGY, ENABLING SCIENCE

Hyderabad





Ambe Durga Education Society's

DADASAHEB BALPANDE COLLEGE OF PHARMACY

Near Swami Samarth Dham Mandir, Besa, Nagpur - 440037 (M.S.)

❖ Accredited by NBA, NAAC ❖ AICTE-CII "PLATINUM" RANK

* Approved by A.I.C.T.E, P.C.I. D.T.E. Govt. of Maharashtra, Recognized under 2(f) and 12(B) of UGC ACT.
* ISO Certified | Permanently Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur (M.S.)

Founder : Late Shri Dadasaheb alias Vitthalrao C. Balpande

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President : Shri Manoj V. Balpande

Principal : Dr. Ujwala Mahajan

Ref. No. / DBCOP / 5324 / 2021

Date : 16/09/2021

To,

Mr. N. Harikrishna Reddy
Application Chemist,
Spinco Biotech Pvt. Ltd.
Hyderabad.

Subject: Invitation as a trainer for two days workshop on "Advance Applications of HPLC" organized by DBCOP on 17th & 18th Sept. 2021-regd.

Dear Sir,

As you are aware, Dadasaheb Balpande College of Pharmacy (DBCOP) Besa, Nagpur is one of the premium institutions in Central India for offering quality education in Pharmaceutical Sciences. We aimed to be the best Pharmacy institution in Central India. In this connection we regularly organize awareness programs to upgrade knowledge of our students and give them larger exposure.

DBCOP is organizing two days Workshop on "Advance Application of HPLC", on 17th & 18th Sept. 2021.

With this reference, it gives me an immense pleasure to invite you as a trainer for workshop on "Advance Application of HPLC", organized by DBCOP on 17th & 18th Sept. 2021.
Looking forward for your positive confirmation to our invitation.

Regards,

Ujwala Mahajan
16-09-21
Dr (Mrs.) U. N. Mahajan
Principal
DBCOP, Besa, Nagpur.

PRINCIPAL
DADASAHEB BALPANDE COLLEGE
OF PHARMACY, BESA, NAGPUR - 37



N. Harish
18/09/21
Recd



Ambe Durga Education Society's
Dadasaheb Balpande College Pharmacy (DBCOP)
Near Swami Samarth Mandir, Besa, Nagpur-37

Workshop on Application of HPLC
17 to 18 September 2021





Ambe Durga Education Society's
Dadasaheb Balpande College of Diploma in Pharmacy (DBCDIP)
Near Swami Samarth Mandir, Besa, Nagpur-37

Feedback from Guest Faculty

Name of Faculty: Mr. N. Hareikrishna Reddy
Topic: Advance Application in HPLC
Date: 17th Sept. 2021

Your feedback is valuable for us to make teaching-learning process more effective. Kindly provide your feedback in following format.

Mark against each item using the following parameters wherever applicable.

Excellent = [E] 5 Marks, Very Good = [V] 4 Marks, Good = [G] 3 Marks, Satisfactory = [S] 2 Marks, Unsatisfactory = 1 Mark [U]

S.N.	Parameters	Evaluation				
		E	V	G	S	U
01	How would you rate student interaction during your guest lecture?			✓		
02	How would you rate knowledge level of students?			✓		
03	Do you think, topic selected for discussion is helpful to bridge the gap between academics and industry? If yes, please rate accordingly.	✓				
04	How do you rate support facilitated by institution for organizing guest lecture?	✓				
05	Kindly suggest knowledge areas where students need to improve.					
06	Please advise us on improvement in teaching learning process.					
07	Any other suggestions:					

$\frac{16}{20}$

= 80%

Focus more on the subject while performing
Repetition of your practicals to improve knowledge.

No comments.

Name and Signature N. Hareikrishna Reddy
17/09/21

Dadasaheb Balpande College of Pharmacy (DBCDIP), Besa, Nagpur
Faculty

Feedback from Guest



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Principal : Dr. Ujwala Mahajan

President : Shri Manoj V. Balpande

Ref. No. / DBCOP / 5325/2021

Date : 17/09/2021

Thanks Giving Letter

To,

Mr. N. Harikrishna Reddy
Application Chemist,
Spinco Biotech Pvt. Ltd.
Hyderabad.

Dear Sir,

Greetings,

On behalf of Management, Staff and Students of Dadasaheb Balpande College of Pharmacy, Besa, Nagpur, I would like to extend our heartfelt thanks for sharing your valuable knowledge with our students & staff during workshop on "Advance Applications of HPLC", organized by DBCOP on 17th & 18th Sept. 2021.

Looking forward for your support in future also.

Thanking You!

Regards,

Dr (Mrs.) U.N. Mahajan

Principal

DBCOP, Nagpur

PRINCIPAL

DADASAHEB BALPANDE COLLEGE
OF PHARMACY, BESA, NAGPUR - 37



N. Harik
18/09/21
Received



Program / Celebration Report

Name of the Program Conducted: Workshop on "Advance Applications of High Performance of Liquid Chromatography"

Name of Speaker: Mr. Hari Krishna Reddy N, Work Flow Specialist at Spinco Biotech, Hyderabad, Dr. Amol Warokar, Associate Professor, DBCOP, Nagpur

Relevant Occasion: As per yearly plans of programs

Date: 17/09/2021- 18/09/2021 **Venue:** Sophisticated Instrumental Laboratory & Conference Hall, DBCOP

No. of registrations: 60

Relevance to POs: I, II, III, IV, VII, VIII, XI

Objectives:

1. To demonstrate advance methodologies of method development in HPLC

Beneficiary: Faculty, students

Program organizing committee: Dr. Amol Warokar, Mr. Kishor Danao, Ms. Vijayshri Rokde, Ms. Deepmala Warghane, Ms. Trupti Bhonvilkar

Program outcome:

The High Performance of Liquid Chromatography (HPLC) machine Shimadzu LC-20 was purchased to perform analytical work such as new method development, bioanalysis, stability studies and executing routine practical of undergraduates and postgraduates mentioned in curriculum. The equipment was comprised of binary gradient, manual injector, photodiode array detector powered by LC Lab Solution.

The workshop was conducted to aware about handling operation and trouble shooting of HPLC as well as the advance methodologies of method development in HPLC

. The session was began with theory lecture delivered by Mr. Hari Krishna Reddy N, Work Flow Specialist at Spinco Biotech, Hyderabad. He explain include principle, instrumentation and working of the instrument, development of gradient programming. The second session was conducted on derivitization, use of ion pairing reagents in HPLC by Dr. Amol Warokar, Associate Professor, DBCOP, Nagpur.



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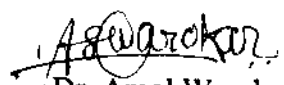
After theoretical session, the workshop was started at 12.00 pm at seminar hall conducted by Mr. Mr. Hari Krishna Reddy N. He has demonstrated how to develop an analytical method by gradient programming, modulation of pH, and use of ion pairing agent. He has highlighted the optimization of system suitability parameters. He has also explain LC solutions software handling.

Upon completion of workshop students and faculty members understood the operation of HPLC instruments, precautions to be taken while working on instruments, optimization of new HPLC method, handling of software etc.

The workshop was attended by 60 final year students and 05 faculty members. The workshop was coordinated by Dr. Amol Warokar and well supported by Mr. Kishor Danao, Mrs. Vijayshri Rokde, Ms. Deepmala Warghane, and Ms. Trupti Bhonvilkar with great enthusiasm.

Attachments needed: -

1. Program brochure and schedule
2. Photographs (At least three Photographs).
3. Attendance record.


Dr. Amol Warokar
Co-ordinator
DBCOP, Besa, Nagpur


Dr. Ujwala Mahajan
Principal
DBCOP, Besa, Nagpur