MMK & SDM MAHILA MAHAVIDYALAYA

KRISHNAMURTHY PURAM, MYSORE

Department of Biochemistry and IQAC

in association with

PG Department of Biochemistry, Pooja Bhagavat Memorial MahajanaEducation Centre, Mysuru, India

REPORT ON

Hands-On

workshopOn

High Performance Liquid Chromatography

2022

DATE:	28/06/2022
TIME:	10:00 am onwards
CONVENER FROM MMK & SDM MMV:	Dr. Wethroe Kapfo
CONVENER FROM PBMMEC:	Dr. Girish Chandran
VENUE:	PG Department of Biochemistry, Pooja BhagavatMemorial Mahajana Education Centre, Mysuru
BENEFICIERIES:	32 Students of III BSc. BMBt

PRINCIPAL
MMK & SDM Mahila Mahavidyalaya
Krishnamurthypuram, Mysore-570 004

Program Objectives

- Introduction to the working principle of High- Performance Liquid Chromatography
- Hands-on training in handling the HPLC instrument
- Exposure to sophisticated instruments in Research Laboratory at PBMMEC.

Proceedings of the workshop

1. **Presentation on High Performance Liquid Chromatography**: Dr. Girish Chandran, Course Coordinator, PG Department of Biochemistry, PBMMEC presented a talk on the principle of High-Performance Liquid Chromatography, its instrumentation, methodology and applications. He explained the types of biomolecules to which HPLC was most suitable and concluded with the career opportunities when one is skilled in using and trouble-shooting the instrument.
2. **Workshop on High Performance Liquid Chromatography:** The students were divided into three groups. Dr. Wethroe Kapfo explained the technique for mobile phase preparation to all the groups. Each group was given training by Dr. Girish Chandran in setting the mobile phase, establishing the baseline, injecting the sample (dopamine), determining the retention times, analyzing the concentration of the sample by using area and height of peak and washing of the column. After the training session,
3. **Visit to research lab:** The students were taken on a tour to the research laboratories in the PG Centre. They were exposed to instruments like Gas Chromatogram, Phase Contrast Microscopy, ELISA Plate Reader, Thermocycler, Western Blotting Units and specialized labs like animal cell culture laboratory.

Program Outcome

1. The students learnt how to handle the HPLC instrument and how to troubleshoot.
2. Materials for further reading was provided to all students
3. The students were exposed to various sophisticated instruments.

Conclusion

The workshop was organized for the students of III BSc. BMBt. The students have studied the principle of High-Performance Liquid Chromatography in their curriculum. This workshop provided them the opportunity to have a hands-on practical experience as part of research methodology.

PRINCIPAL
MMK & SDM Mahila Maha Vidyala
Krishnamurthypuram, Mysuru-570004

Photo Gallery

Workshop on High Performance Liquid Chromatography on 28.06.2022

PRINCIPAL
MMK & SDM Mahila Maha Vidyalaya
Krishnamurthypuram, Mysuru-570004

27-06-22

From

Dr. Wethroe Kapfo
Assistant Professor and Head
Department of Biochemistry
MMK & SDM Mahila Maha Vidyalaya
Mysuru

To

Principal
MMK & SDM Girls PU College
Mysuru

Through

Principal
MMK & SDM Mahila Maha Vidyalaya
Mysuru

Respected madam

Sub: College bus for Workshop- requested for- Reg.

As we are going to PG Department of Biochemistry, Pooja Bhagavat Memorial Mahajana Education Centre, Metagalli, Mysuru for a workshop on 28th June, 2022, I request your goodself to please permit us to avail the college bus facility on that day. We will be 36 in number, and we will leave the premises at 09:45 am. The program will end by 5 pm.

Kindly oblige.

Thanking You

Yours Faithfully

Wethroe Kapfo

PRINCIPAL
MMK & SDM Mahila Maha Vidyalaya
Krishnamurthypuram, Mysuru-570004

Timestamp	Email Address	How satisfied were you with the event?	How relevant and helpful do you think it was for you?	How satisfied were you with the logistics? [Communication]	How satisfied were you with the logistics? [Transportation]	How satisfied were you with the logistics? [Venue]	How satisfied were you with the logistics? [Activities]	How satisfied were you with the logistics ? [Food	Which sessions did you find most helpful? [Theory Session]	Which sessions did you find most helpful? [Dr. Wethroe	Which sessions did you find most helpful? [Preparation of mobile phase	Which sessions did you find most helpful? [Dr. Girish Chandran]	Which sessions did you find most helpful? [Procedure to use HPLC]	How satisfied were you with the session content?	Any additional comments regarding the sessions or overall agenda and event?	Would you like to participate in such events in the future?	Name
7/1/2022 16:17:09	ranjupreethi3102@gmail.com	4	4	4	4	4	5	5	Very relevant	Very relevant	Relevant	Very relevant	Relevant	4	Session is good	Yes	Ranjitha.R
7/1/2022 16:18:52	ananyadinesh2001@gmail.com	4	3	3	3	2	3	1	Very relevant	Very relevant	Very relevant	Relevant	Relevant	4	It would have been still better if it was a hands on	Yes	Ananya.D
7/1/2022 16:19:30	acharrachana13@gmail.com	4	4	5	5	4	4	3	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	5	Overall theory part was very informative but practical part was lacking.	Yes	Rajalakshmi M
7/1/2022 16:21:08	bhoomikakp2002@gmail.com	4	4	3	3	3	2	2	Very relevant	Very relevant	Very relevant	Very relevant	Relevant	4	It was good and informative workshop on HPLC	Yes	BHOOMIKA K P
7/1/2022 16:29:18	anupamasargur29@gmail.com	4	4	5	4	4	4	4	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	4	The session was interesting and informative. Thank you for making us understand how the HPLC works	Yes	Anupama R
7/1/2022 16:31:03	jeevikajeevika841@gmail.com	5	5	5	5	5	5	5	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	5	Very informative	Yes	Jeevika K
7/1/2022 16:33:46	thoshikamh@gmail.com	5	4	5	5	5	4	5	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	4	-	Yes	Thoshika
7/1/2022 16:37:22	navyausha.ba722@gmail.com	4	4	5	4	4	4	4	Very relevant	Very relevant	Relevant	Very relevant	Very relevant	4	It was an instructive and helpful workshop, thank you.	Yes	Navyashree. B. A
7/1/2022 16:38:28	chaitrasindrappa@gmail.com	4	4	4	4	4	4	4	Very relevant	Very relevant	Relevant	Very relevant	Relevant	4	Informative session	Yes	Chaitra.s
7/1/2022 16:46:10	soundarya2901@gmail.com	3	4	5	5	4	4	1	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	4	Nope	Yes	Soundarya.C
7/1/2022 17:13:24	eerthanakeeru7777@gmail.co	4	3	2	1	1	2	2	Relevant	Relevant	Relevant	Relevant	Relevant	5	.	Yes	Keerthana
7/1/2022 17:17:45	bhavanasdbhanu@gmail.com	5	4	5	5	5	4	4	Very relevant	Very relevant	Very relevant	Very relevant	Relevant	5	.	Yes	Bhavana SD
7/1/2022 17:21:45	keerthigowda2201@gmail.com	5	5	1	1	1	1	1	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	5	It's very informative session	Yes	Keerthi A P
7/1/2022 17:23:08	varshinidpakshi@gmail.com	4	4	5	5	5	4	4	Relevant	Very relevant	Very relevant	Very relevant	Very relevant	5	Hand on experiment should be given to students	Yes	Varshini.D.P
7/1/2022 17:30:02	ukrutharamani2001@gmail.co	4	4	3	3	2	1	2	Very relevant	Very relevant	Relevant	Relevant	Relevant	4	It would be good if there were more hands on experience	Yes	Sukrutha R
7/1/2022 17:30:39	monishadiwakar10@gmail.com	5	5	3	3	3	3	3	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	5	It was very informative	Yes	Monisha

PRINCIPAL
MMK & SDM Mahila Maha Vidyalaya
Krishnamurthypuram, Mysore-570004

7/1/2022 17:38:11	vanditajalimane@gmail.com	4	4	5	5	5	4	4	Very relevant	Very relevant	Very relevant	Very relevant	Relevant	4	It was informative and helpful	Yes	Vandita Hegde
7/1/2022 18:06:08	tejuhegde2006@gmail.com	4	4	5	4	4	4	1	Relevant	Very relevant	Very relevant	Relevant	Relevant	4	No	Maybe	Tejaswini Hegde
7/1/2022 18:23:23	nirminemi07@gmail.com	4	4	5	5	5	5	4	Very relevant	Very relevant	Very relevant	Very relevant	Relevant	4	Working with HPLC could be even more effective	Yes	misha Nemi Chandr
7/1/2022 18:46:36	eghanasamarth9117@gmail.co	3	4	5	4	3	3	2	Very relevant	Relevant	Relevant	Very relevant	Relevant	5	Good	Yes	Meghana N
7/2/2022 9:22:47	mahimabma@gmail.com	4	5	5	3	4	3	2	Very relevant	Very relevant	Relevant	Very relevant	Very relevant	4	No	Yes	Mahima
7/2/2022 13:30:22	ramyashreedy29@gmail.com	4	3	3	3	3	3	3	Relevant	Relevant	Relevant	Relevant	Relevant	4	It's was very informative session	Yes	Ramyashree
7/2/2022 17:52:22	hithamanjunathmysuru@gmail	5	5	3	3	3	2	2	Very relevant	Very relevant	Very relevant	Very relevant	Very relevant	4	It was good , but hands on experience should be improved.. and also food	Yes	Harshitha Manjunath
7/4/2022 16:42:40	geethanjali.sd78@gmail.com	4	5	3	3	3	3	3	Very relevant	Very relevant	Very relevant	Very relevant	Relevant	4	No	Yes	Geethanjali S.T

PRINCIPAL
MMK & SDM Mahila Maha Vidyal...
Krishnamurthypuram, Mysuru-570004

HPLC – Certificate and Attendance

28.06.2022

Date / /
Page

Name	Signature
1) Mahimashree. B.A	Mahima
2) Meghana. N	
3) Ramyashree. D.Y	Ramya
4) Geethanjali S.T	S.T
5) Chaitra S	
6) Keerthi A.P	Keerthi A.P
7) Sharanya. N. Koneri	
8) Monisha. D	
9) Bhavana. S.D	
10) Keerthana. B.N	
11) Deeksha BJ	
12) Vandita. Hegde	
13) Bhoomika. R.P.	
14) Navyashree. B.A	Navyashree.
15) Tejaswini. Hegde.	
16) Rajalakshmi. N	
17) Jeevika. K	Jeevika. K
18 Anupama. R	Anupama. R
19 Nimisha Nemichandra	
20 Sobia Tahseen	Sobia Tahseen
21 Moshika M.H	
22 Varshini. D.P	
23 Ranjitha. R	
24 Trupthi. N	Trupthi N
25 Kusuma. N	
26 Meghana Nataraj	
27 Sukanutha Ramani	

PRINCIPAL
MMK & SDM Mahila Maha Vidyalaya
Krishnamurthypuram, Mysuru-570004

28 Soundarya.C
29 Harshitha.M
30 Ananya.D.

Soundarya.C
Harshitha.M
Ananya.D.

Dept. of Studies in Biochemistry , School of Life Science

ಪೂಜಾಭಾಗವತ್ ಸ್ಮಾರಕ ಮಹಾಜನ ಸ್ನಾತಕೋತ್ತರ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆ, ಮೈಸೂರು

Pooja Bhagavat Memorial Mahajana Education Centre

PG Wing of SBRR Mahajana First Grade College (Autonomous)

Metagalli, Mysuru-570016

Mysore Makkala Koota &

Shri Dharmasthala Manjunatheshwara Mahila Mahavidyalaya

Krishnamurthypuram, Mysuru-57004

Jointly Present

One Day Hands On Workshop on
"High Performance Liquid Chromatography"
28th June 2022

CERTIFICATE

This is to certify that Ms.

SOBIA TAHSEEN

has successfully participated in the "One day Hands On workshop on High Performance Liquid Chromatography" Organized at the Department of Studies in Biochemistry, School of Life Sciences, PoojaBhagavat Memorial Mahajana Education Centre, SBRRMFGC (Autonomous) PG wing, Metagalli, Mysuru on 28th June 2022.

Dr. Girish Chandran
Workshop Convener
Coordinator - Biochemistry
School of Life Sciences , PBMMEC

Dr. Wethroe Kapfo
Asst. Prof. and Head
Dept. of Biochemistry
SDM MMK MM, Mysuru

Prof. Sainath Malligemadu
Principal
MMK SDM MM
Mysuru

Dr. S.R. Ramesh
Chief Scientist
School of Life Sciences
PBMMEC, Mysuru

Dr. C.K. Renukarya
Director
PBMMEC
Mysuru