

One Day Workshop on

"Hands on Training on Double Beam UV Visible Spectrophotometer"

Venue: Conference Hall

Laureate Institute of Pharmacy
Kathog, Distt. Kangra (H.P.)



TIME: 10: 30 A.M. TO 2: 30 P.M.



22ND SEPTEMBER, 2022

SPEAKERS :-

1. DR. AMAR DEEP ANKALGI
HOD PA & QA
LAUREATE INSTITUTE OF PHARMACY,
KATHOG, DISTT. KANGRA



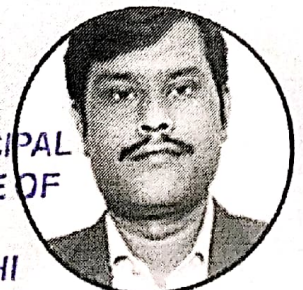
2. MR. RAVINDER KUMAR
SR. SERVICE EXECUTIVE
TOSHVIN AUTHORIZED DEALER OF
SHIMADZU UV & FT - IR INDIA



3. DR. PRAVIN KUMAR
HOD PHARMACEUTICS
LAUREATE INSTITUTE OF PHARMACY,
KATHOG, DISTT. KANGRA

DIRECTOR CUM PRINCIPAL
LAUREATE INSTITUTE OF
PHARMACY KATHOG

DR. JAWALAMUKHI
KANGRA (H.P.)





Report on IIC Self Driven activity

Workshop on

Hands on Training on Double Beam UV Visible Spectrophotometer

UV-1900i

(Handling, Troubleshooting & Maintenance)

Name of Resource Person: Ravinder Kumar

Designation: Sr. Service executive

Name of Company: Toshvin, Authorized dealer of Shimadzu UV & FT-IR in India

Date of Program: 22 Sep, 2022

Venue: Conference Hall, Laureate Institute of Pharmacy-HP

Laureate Sophisticated Instrumental facilities (LSIF), Department of PA & QA, LIPH

Time: 12:30-1:30PM

The function started with lamp lighting ceremony and Saraswathi Vandana. Prof.(Dr.) Mahendra Singh Ashawat, Professor cum Director, Laureate Institute of Pharmacy and Convener of Institution's Innovation Council welcomed the resource person, Mr. Ravinder, Sr. service executive, Toshvin India, Chandigarh Unit by presenting the bouquet.

In his welcome speech, Prof. Mahendra Singh Ashawat welcomed the participants at Laureate Institute of Pharmacy, Kathog, HP. He highlighted the importance of Sophisticated Analytical instruments in assuring the quality and safety and efficacy of drug molecule and new drug development. He further added institute possesses most of the analytical instruments like RP-HPLC, Brookfield Viscometer, FT-IR and Shimadzu double beam UV 1900i. He mentioned that institute encourages the budding research scholars and students to get acquainted with the knowledge of instrument handlings and organize such workshop frequently.

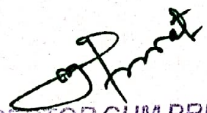

Prof. (Dr.) M. S. Ashawat

IIC Convener

Institution's Innovation Council

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Prof. (Dr.) Amar Deep Ankalgi, Professor and Head, Pharmaceutical Analysis and Quality Assurance Cum Pharmaceutical Chemistry, Laureate Institute of Pharmacy and NISP coordinator informed that **80 participants** registered for the workshop and wished the workshop will be knowledge bearing session for the participants.

Mr. Ravinder, resource person, covered the brief introduction to analytical instruments and basic principle, working and handling of the Double beam UV Visible Spectrophotometer in lecture session at conference hall.

During the practical demo at Sophisticated Instrumental Facilities(SIF) at department of Pharmaceutical Analysis and Quality Assurance. He explained the overall hardware and software component of Shimadzu UV1900i. He demonstrated the use of the instrument both by using instrument display unit and PC control system. He showed the techniques of validation of the instrument. He runned the M. Pharmacy scholar sample in the instrument and showed how to plot overlay spectra and calibration plot.

There was interactive session in which Mr. Ravinder addressed the queries of participants regarding UV instruments.

Mr. Shiv Kushawaha, Associate Professor and Head, Pharmacology, IIC member and **Mr. Dev Raj**, Assistant Professor, Pharmaceutics, Media head, IIC jointly distributed the certificate to the participants.

Dr. Mahendra Singh Ashawat, Director Cum Principal, IIC convener, presented the memento and certificate to eminent resource person, Mr. Ravinder, Shimadzu, India

Dr. Pravin Kumar, HOD, Pharmaceutics and Start UP Activity Coordinator, IIC delivered vote of thanks to the resource Mr. Ravinder for providing his valuable time to conduct the analytical workshops and also thanked all IIC representatives, faculty, staffs and participants for enthusiastically attending the event

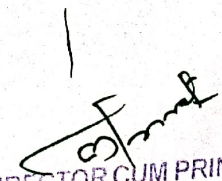


Prof. (Dr.) M. S. Ashawat

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INSTITUTION'S INNOVATION COUNCIL



Laureate Institute of Pharmacy, VPO Kathog, Teh. Jawalamukhi, Kangra (H.P.)

IC202216219, Esth. 28 June 2022

Power Point Presentation:



Workshop on

Hands on Training on Double Beam UV Visible Spectrophotometer

UV-1800

(Handling Troubleshooting & Maintenance)



Presented by: Ravinder Kumar
Sr. Service executive, Tushin
Authorized Dealer of Shimadzu, India

Organized by:
Institution's Innovation Council, Laureate Institute of Pharmacy -IIP
(IC202216219, Esth. 28 June 22)

Ultraviolet light is arbitrarily broken down into three bands, according to its anecdotal effects. Anecdotal: based on reports or things someone saw rather than on proven facts:

UV-A is the least harmful and most commonly found type of UV light because it has the least energy. UV-A light is often called black light.

UV-B is not quite enough to be completely absorbed by the atmosphere. Since most of the extraterrestrial UV-B light is blocked by the atmosphere, a small change in the

within a few hundred meters. When

Germicidal UV-C lamps are often used to purify air and water, because of their ability to kill bacteria.

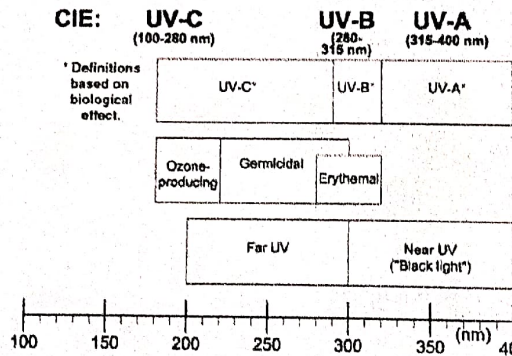


Fig. 1.2 Common ultraviolet band designations.

Prof. (Dr.) M. S. Ashawat
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INSTITUTION'S INNOVATION COUNCIL

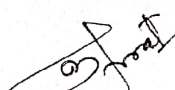



Laureate Institute of Pharmacy, VPO Kathog, Teh. Jawalamukhi, Kangra (H.P.) IC202216219, Estb. 28 June 2022

Glimpses of the event:



ATTENDANCE SHEET: 80 PARTICIPANTS


Prof. (Dr.) M. S. Ashawat
IIC Convener
Institution's Innovation Council
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ICR022 (6219), ESTD. 28 JUNE 2022

IIC self-driven activities on

Workshop on "Hands on training on UV Spectrophotometer"

Name of the resource person: Mr. Ravinder Kumar

Designation: Sr. Service Executive

Name of Company/Institution: Tashwin, Authorized dealer of Shimadzu UV & FTIR in India

Total Number of Participants:

Date: 22 Sept, 2022

ATTENDANCE SHEET

Sr. No.	Name of Participants	Designation	Semester/Class/Dept.	Signature
01.	Prince Thakur	Student	3 rd sem. M-Pharmacy	<i>Prince</i>
02.	Abhishek Sauri	"	"	<i>Abhishek</i>
03.	Dipali Rana	"	1 st Sem M.Pharm.	<i>Dipali Rana</i>
04.	Nidhika Rana	"	"	<i>Nidhika Rana</i>
05.	Shalu	"	"	<i>Shalu</i>
06.	Anchal Gangolia	"	3 rd Sem M.Pharm	<i>Anchal</i>
07.	Rageev Koundal	Lab Attendant	Pharmaceutical Analysis	<i>Rageev</i>
08.	Kamal Kumar	Lab Attendant	Pharmaceutical Analysis	<i>Kamal</i>
09.	Monika Thakur	Lab Astt.	Pharmacognosy	<i>Monika</i>
10.	Suryal sharma	student	3 rd sem (B.Pharm.)	<i>Suryal</i>
11.	Sansrath Soodan	Student	3 rd sem (B-Pharm)	<i>Sansrath</i>
12.	Simran Sambyal	student	3 rd sem (B-Pharm)	<i>Simran</i>
13.	Shagun Thakur	Student	3 rd sem. (B-Pharm)	<i>Shagun Thakur</i>
14.	Sapan Thakur	Student	3 rd sem. (B-Pharm)	<i>Sapan Thakur</i>

Signature of IIC Convener

**Institution's Innovation Council
Convener
LAUREATE INSTITUTE OF PHARMACY**

**DIRECTOR/DEPUTY PRINCIPAL
LAUREATE INSTITUTE OF
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TEH. JAWALAMUKHI
DISTT. KANGRA (H.P.)**

Sr. No.	Name of Participants	Designation	Semester/Class/Dept.	Signature
15.	Vinod Singh	Student	3rd Sem. B. Pharmacy	Vinod Singh
16.	Vansh	Student	3rd Sem. B. Pharmacy	Vansh
17.	Souvar Bharti	Student	3rd Sem B. Pharmacy	Souvar
18.	Vishal Chaudhary	Student	3rd Sem. B. Pharmacy	Vishal
19.	Tanvi Sharma	Student	3rd Sem B. Pharmacy	Tanvi
20.	Shweta Bhatia	Student	3rd sem. B. Pharmacy	Shweta
21.	Tanmay Sharma	Student	3rd sem B Pharmacy	Tanmay
22.	Sajal Sharma	student	3rd sem. B Pharmacy	Sajal Sharma
23.	Vishal Parmar	Student	3rd Sem. B. Pharmacy	Vishal Parmar
24.	Vaish Sharma	Student	3rd Sem B. Pharmacy	Vaish Sharma
25.	Saksham Sharma	student	3rd sem. B. Pharmacy	Saksham
26.	Vivek	Student	3rd Sem B. Pharmacy	Vivek
27.	Shivani Khatu	Student	3rd. Sem. B. Pharmacy	Shivani Khatu
28.	Arunod Kumar	Students	2nd Sem. B. Pharmacy	Arunod Kumar
29.	Bidharath Pathak	Student	2nd year M. Pharmacy (P.A.O.A)	Bidharath Pathak
30.	Keshav Dhiman	Asst. professor	Pharmaceutics.	Keshav Dhiman
31.	Abhinav	Student	Pharmaceutics	Abhinav
32.	Amyli	Student	Pharmaceutics 1st Sem.	Amyli
33.	Seema.	Student	Pharmaceutics 1st Sem.	Seema

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Sr. No.	Name of Participants	Designation	Semester/Class/Dept.	Signature
34.	Balwinder Singh	Student	III sem M. Pharmacy	Balwinder Singh
35.	Nikhil Sharma	Student	III sem M. Pharmacy	Nikhil Sharma
36.	Kiran Bala.	Student	III Sem M. Pharmacy	Kiran Bala.
37.	Mayisha Rana	Student	III Sem M. Pharmacy	Mayisha
38.	Sidhanshu	Student	III sem. M. Pharmacy	Sidhanshu
39.	Aushul Thaker.	Student	III sem. M. Pharmacy	Aushul Thaker
40.	Silant Sharma.	Student	III Sem. M. Pharmacy	Silant Sharma
41.	Ayush Sharma.	Student	III Sem '11	Ayush Sharma
42.	Palak Sharma.	Student	11	Palak Sharma
43.	Shad Ahmad	Student	11	Shad Ahmad
44.	Simran Choudhary	Student	11	Simran Choudhary
45.	Shivash Thaker	Student	IV th Sem	Shivash
46.	Shivam	Student	V th Sem	Shivam
47.	Swadesh Sharma	Student	V th Sem	Swadesh
48.	Vareem Sharma	Student	V th Sem	Vareem
49.	Sanyam Pathania	Student	V th Sem	Sanyam
50.	Nihal Sen	Student	V th Sem	Nihal
51.	Shakshi Rana	Student	V th Sem	Shakshi Rana
52.	Sakshi	Student	V th Sem	Sakshi

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Sr. No.	Name of Participants	Designation	Semester/Class/Dept.	Signature
53.	Sakshi Jaryal	Student	V th	
54.	Tanu Balca	Student	V th	
55.	Sneha Sharma	Student	5 th	
56	Banshil Thakur	Student	5 th	
57	Yamini Walia	Student	5 th	
58	Sakshi Sharma	Student	5 th	
59	Tanya Dhiman	Student	5 th	Tanya
60	Uwashi Garg	Student	5 th	
61	Shelini	Student	5 th	
62	Simran, Rana	Student	5 th	Simran Rana
63	Tanika	Student	5 th	
64	Sonica	Student	3rd Bsc M. Pharm	Sonica
65	Ritika	Student	"	Ritika
66	Aman	Student	"	Aman
67	Himanghu	Student	"	
68	Ashish	Student	"	
69	Ashish	Student	"	
70	Akshay	Student	"	
71	Ravay	Student	"	

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Detail of Speakers

Sr. No	Name of Speakers	Address	Contact details	Email id	Topic delivered
1.	Dr.AmarDeep Ankalgi	Laureate college of Pharmacy,Kathog	9772782108	amarchemlogin@gmail.com	Sample Handling In UV Vissible Spectrophotometer
2.	Mr. Ravinder Kumar	Sr.Service Executive in Toshvin,Authorized dealer of Shimadzu UV &FT-IR India	9041400454	ravinderk@toshvin.com	Troubleshooting and Maintenance of UV Vissible Spectrophotometer
3.	Dr. Pravin Kumar	Laureate college of Pharmacy,Kathog	9816468699	Kumar3785@gmail.com	Applications of UV Vissible Spectrophotometer in Pharmaceutical Industries


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