

TEACHER'S ACTIVITY REPORT 2018 - 2019**FACULTY: Science DEPARTMENT: Chemistry IQAC ACTIVITY No: SVC/2018-19/CHEM/SOC/4****NAME OF THE ACTIVITY: Industrial Visit to Sun Pharma**

DATE:	FACULTY	DEPARTMENT	COORDINATOR NAME:
20th February 2019	Science	Chemistry/Rasagya	Dr. Sanjay Kumar
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
9:00 AM	Sun Pharmaceuticals (Gurugram)	Approximately 40	Outdoor
SUPPORT/ASSISTANCE:	-		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. –II, V, VII):

TOPIC/SUBJECT OF THE ACTIVITY	Industrial Visit to Sun Pharmaceuticals
OBJECTIVES	Pharmaceutical industry has always been a direct application for chemistry and many students who have opted to study B.Sc. (Hons) Chemistry have a future hope of continuing in this field. So, the main objective of the trip was to give a practical exposure of such an R&D industry to the students, about the functioning of such an R&D industry, its corporate wings, the instruments used, the real drug synthesis and analysis laboratories.
METHODOLOGY	Chemistry (Hons) students visited Sun Pharma, (Gurugram) along with teachers on February 20 th , 2019. It started with an introduction session by some of the trained employees of Sun Pharma company, explaining about the functioning of the industry, its corporate wings and its laboratories, followed by interactive session with them. Then, students were taken for a tour of its drug synthesis and analysis laboratories.
OUTCOMES	The introductory presentation by the staff was quite useful to the students through which they could gain knowledge about how pharmaceutical companies synthesise drugs, analyse them and finally market them, etc. The lab visits also gave them a practical exposure on how the research scientist there actually work

	on synthesis and various instrumentation techniques being used.
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PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

Notice & Letters	Student list of participation	Activity report <input checked="" type="checkbox"/>	Photos <input checked="" type="checkbox"/>	Feedback form
Feedback analysis	News clip with details	Certificate	Any other	

IQAC Document No:	Criterion No:	Metric No:
Departmental file no:	IQAC file No;	

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Sanjay Kumar		Dr. N. Latha

Proofs

Trip Report

Industrial visit to Sun Pharmaceuticals, Gurugram (20th February 2018)

B.Sc. (Hons) Chemistry students (approximately 30 – 40) under the supervision of Dr. Sanjay Batra and other faculty members of Chemistry Department, along with the student coordinators Anchita Diwan, Parinita Singh, and Ayush Mongia were taken on an industrial visit to Sun Pharmaceuticals, Gurugram on 20th February 2018. Mr. H. C. Tandon, Dr. Shefali Shukla, Dr. Shikha Gulati, Dr. Pooja, Ms. Laishram Saya and Dr. Rekha were the other faculty members who accompanied the trip. Sun Pharmaceuticals is one of the pioneering Indian pharmaceutical companies that see tremendous value in investing in research & development (R&D).



In the first session, a general introductory presentation was given by one of the staff of Sun Pharma wherein the students were made well versed with the general functioning of the company, its corporate wings, how pharmaceutical companies synthesise drugs, analyse them of their efficiency when they will be administered to human bodies and finally market them, etc. The session proved quite fruitful as there was a long interaction with numerous queries from end of the students which showed their enthusiasm and interest in the field



After this, students were allowed to have a tour of the various laboratories and got an opportunity to have a practical exposure of how drugs are synthesised in real, how various instrumentation techniques like mass spectroscopy, UV spectroscopy, IR spectroscopy are used for characterising the synthesised drugs, how they check the efficiency of drugs before they finally send out to commercial markets. It was properly guided by some of the trained staffs and students had one to one interaction with the research scientists working there in different wings.





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(University of Delhi)

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Department of Biochemistry

Shri D. Venkat Ramana
A.O(I/C)

This is to certify that the Activity report (Teacher/Department /Society/Association) has been submitted for documentation to IQAC, Sri Venkateswara College, University of Delhi.

N. Latha

IQAC Coordinator
Sri Venkateswara College

Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaulta Kuan, New Delhi-110021

C. Sheela Reddy

PRINCIPAL
Sri Venkateswara College

PRINCIPAL
Sri Venkateswara College
(University of Delhi)
Dhaulta Kuan, New Delhi-110021