

## TEACHER'S ACTIVITY REPORT 2016-2017

**FACULTY:** Science

**DEPARTMENT:** Biochemistry

**IQAC ACTIVITY No:** SVC/2016-17/BIOCHEM/AK/1

<b>NAME OF THE ACTIVITY:</b> Visit to National JALMA Institute of Leprosy and other Mycobacterial Diseases			
<b>DATE</b>	<b>FACULTY</b>	<b>DEPARTMENT/COMMITTEE</b>	<b>COORDINATOR NAME</b>
March 25 <sup>th</sup> , 2017	Science	Biochemistry	Dr. Anju Kaicker Dr. Shalini Sen
<b>TIME</b>	<b>VENUE</b>	<b>NUMBER OF PARTICIPANTS</b>	<b>NATURE: Outdoor/Indoor</b>
10:00 am -2:00pm	JALMA Institute, Agra	Students: 25 P.G.Diploma in Molecular and Biochemical Technology, BSc (H) Biochemistry	Indoor
<b>SUPPORT/ASSISTANCE:</b>	Travel Grant of PG Diploma		

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

TOPIC/SUBJECT OF THE ACTIVITY	Educational visit to leading research institutes and industries is part of the curriculum. The major thrust of research programs of JALMA Institute is on Leprosy, Tuberculosis and HIV infection.
OBJECTIVES	Students were taken to this ICMR institute so that they could appreciate the scientific work being done for the treatment of some deadly diseases that infect a very large percentage of Indians
METHODOLOGY	The students were allowed to visit most of the labs in the institute where scientists working on various approaches of fighting mycobacterial diseases as well as HIV, interacted with them. This gave the students a close view of how research work is undertaken and executed. They saw an impressive array of equipment that is used for research work, its maintenance as well as usage.
OUTCOMES	This visit was instrumental in introducing the students to the existing options in biological research work. They saw the manner of functioning of a world class research facility and how scientific knowledge could be translated into fighting deadly diseases prevalent in their homeland.

### PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

Notice & Letters	Student list of participation	Activity report ✓	Photos ✓	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.Anju Kaicker Dr.Shalini Sen	Dr.Nandita Narayanasamy Teacher-in-Charge Department of Biochemistry	Dr. N. Latha IQAC Coordinator Sri Venkateswara College

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

**Proofs:**

- **Photo**



- Activity Report

### [THE KNOWLEDGE BOOSTING TRIP TO “NJILMD”, AGRA.

24<sup>th</sup>-25<sup>th</sup> March, 2017

The educational trip to Agra was an opening to the new vistas of science being conducted at research institutes like the “National Jalma Institute of Leprosy and other Mycobacterial diseases”. The institute was equipped with major updated technologies to aid in research against the notorious bacterial pathogen, *Mycobacterium*. The institute offered the students an opportunity to interact with eminent scientists and doctoral students to discuss the research being conducted emphasizing upon the severity of Mycobacterial diseases in India and around the world. It also offered us an insight into the functioning of the instruments used in a research laboratory. The students were introduced to advanced technologies used in the field of life science research including Matrix-Assisted Laser Desorption/Ionization-Time of Flight (MALDI-TOF) mass spectrometry and high-throughput DNA sequencing machines which are an integral part of their curriculum. The opportunity provided the means to understand the principle behind high-end instruments, their limitations and applications in science from people who had the expertise.

The trip was an amalgamation of science and its usefulness for humanity. It was an experience to appreciate science along with the beautiful city of Agra. After an insightful and knowledgeable tour of the institution, our trip ended with a visit to a colourful annual fair, the magnificent Taj Mahal and the historical Mughal city of Fatehpur Sikri.







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(University of Delhi)

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Principal  
Sri Venkateswara College

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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  
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