

## **Faculty Development Program on Wildlife Conservation & Management (19<sup>th</sup> February 2018)**

### TEACHER'S ACTIVITY REPORT 2017 - 2018.

**FACULTY:** Science ~~DEPARTMENT~~ **COMMITTEE:** Zoology **IQAC ACTIVITY No:** SVC/2017-18/ZOO/VM/1

|  |  |                               |                                   |
|--|--|-------------------------------|-----------------------------------|
| <b>NAME OF THE ACTIVITY:</b> Faculty Development Program on Wildlife Conservation & Management |  |                               |                                   |
| <b>DATE</b>  | <b>FACULTY</b>   | <b>DEPARTMENT/COMMITTEE</b>   | <b>COORDINATOR NAME</b>           |
| 19 February 2018   | Science  | Zoology                       | Dr. Vartika Mathur                |
| <b>TIME</b>  | <b>VENUE</b>   | <b>NUMBER OF PARTICIPANTS</b> | <b>NATURE:<br/>Outdoor/Indoor</b> |
| NA   | Sri Venkateswara College   | 17                            | Indoor                            |
| <b>SUPPORT/ASSISTANCE:</b>   | Sri Venkateswara College, University of Delhi and Department of Biotechnology (DBT star) |                               |                                   |

#### BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. - II):

|                               |   |
|-------------------------------|---|
| TOPIC/SUBJECT OF THE ACTIVITY | Faculty Development Program on Wildlife Conservation & Management   |
| OBJECTIVES                    | <ul style="list-style-type: none"> <li>To train teachers for the new introduced paper on wildlife conservation and management in B.Sc (H) Zoology</li> </ul>  |
| METHODOLOGY                   | Through lecture sessions by distinguished speakers: <ul style="list-style-type: none"> <li>Prof. Mallikarjun Shakarad</li> <li>Mr. Surender Mehra</li> <li>Mr. K.S. Jaychandran</li> </ul> And interactive sessions of speakers with participating teachers   |
| OUTCOMES                      | Interactive session with the experts enabled the participants to discuss various topics pertaining to the coursework of Wildlife Conservation and Management. The participants asked various questions regarding their doubts and queries on diverse topics such as census methods used for wildlife, ground cover and canopy assessment etc. as well as setting back and advancing succession for managing wildlife. |

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

|                  |                                 |                   |          |               |
|------------------|---------------------------------|-------------------|----------|---------------|
| Notice & Letters | Student list of participation ✓ | Activity report ✓ | Photos ✓ | Feedback form |
|------------------|---------------------------------|-------------------|----------|---------------|

|                          |                        |               |           |  |
|--------------------------|------------------------|---------------|-----------|--|
| <b>Feedback analysis</b> | News clip with details | Certificate ✓ | Any other |  |
|--------------------------|------------------------|---------------|-----------|--|

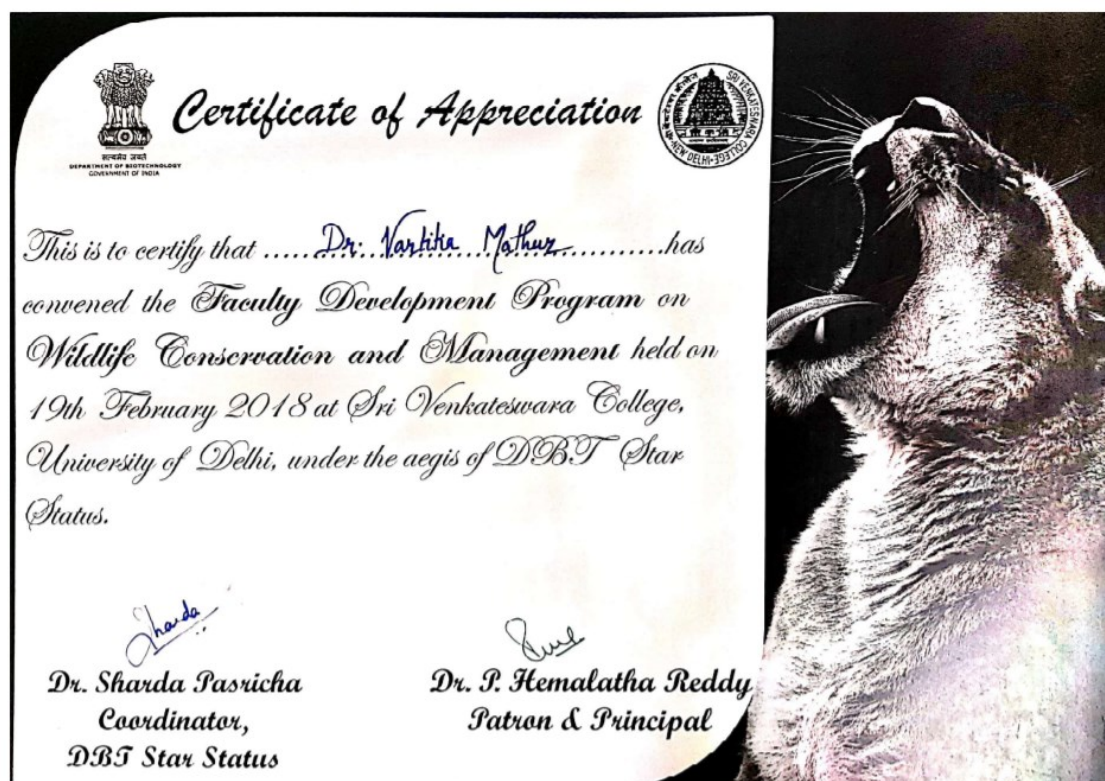
|                      |                  |            |
|----------------------|------------------|------------|
| IQAC Document No:    | Criterion No: II | Metric No: |
| Departmental file no | IQAC file No;    |            |

|                             |  |                                     |
|-----------------------------|--|-------------------------------------|
| NAME OF TEACHER & SIGNATURE | NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE | IQAC COORDINATOR (SEAL & SIGNATURE) |
| Dr. Vartika Mathur          | Dr. Vartika Mathur                           |                                     |

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**



Faculty Development Program on “Wildlife Conservation and Management” under DBT star was held on 19<sup>th</sup> February 2017 at Bioinformatics facility of Sri Venkateswara College and was attended by 15 teachers from various colleges of University of Delhi. The Program comprised 3 lecture sessions in which the speakers covered various units of curriculum and was followed by a 4<sup>th</sup> interactive session of the speakers with the participant teachers.

### 1. Session first:

Expert: Dr. Prof. Mallikarjun Shakarad

Professor, Department of Zoology, University of Delhi

In this session, Dr. Shakarad described wildlife value, importance of conservation and conservation ethics. His talk included an introduction to wildlife richness and the interdependent association of human and forest. He cited various examples of forest tress that have medicinal and economic value. In continuation, he described co-dependence of wildlife species especially birds, in forest flora conservation by helping in pollination and seed dispersal, which if done manually will require enormous financial inputs. He also highlighted the “portrayed versus reality” of human encroachment on forest land, leading to multiple encounters of man animal conflicts. He concluded the lecture with recent report on forest cover in various states of India and how strategies alternative to forest encroachment can be a positive lead in this direction.



## 2. Session second:

Expert: Mr. Surender Mehra

IFS, Director, Jim Corbett National Park

In this session, Mr. Mehra discussed about the concept and methodology for wildlife conservation and management. He explained the strategies popular worldwide for protected area and game management, further how these can be used in managing resources in Indian context. He also described cultural heritage of India playing a big support in conservation



with a general restrain on exploitation of wildlife. His talk gave an insight on various protected areas in India, with special emphasis on Corbett National Park and Tiger Reserve, including concept conservation reserve and community reserve. Mr. Mehra also discussed Tiger conservation, its planning and management, as well as its

challenges in India. He further explained the structure of a tiger reserve, its core area and buffer zone, with legal status on human intervention in each area. He also suggested the

need of tourism management in the protected areas and the necessary steps being taken in this regard. He also described the current status on tiger population and its sensing. He concluded the lecture with suggesting study tools useful for the students to understand the concept of wildlife management.

### 3. Session third:

Expert: Mr. K.S. Jaychandran

IFS, Deputy Secretary,  
Department of Justice,  
Ministry of Law and Justice,  
Government of India

During this session, Mr. Jaychandran mainly covered the management planning of wildlife in protected area, in which he



described current scenario of planning in protected area, National wildlife action plans and various Flagship programmes. He summarized the salient features of National wildlife action plan including restoration of degraded habitat, control on poaching and illegal trade, monitoring and research, ecotourism, human resource development and personnel planning. He briefly explained the various national agency and governing bodies that plan and enforce norms for conservation such as National board for wildlife, National tiger conservation authority, wildlife crime control bureau and central zoo authority. His talk also emphasised on the need of protected area, their significance, factors considered while management and its components. He concluded his lecture with explaining the concept and objectives of eco-development as a measure for development of rural communities in and around protected areas to mitigate pressure on protected areas.

### Session fourth:



This one-hour interactive session with the experts enabled the participants to discuss various topics pertaining to the coursework of Wildlife Conservation and Management that were not



covered in the above the sessions. The participants asked various questions regarding their doubts and queries on diverse topics such as census methods used for wildlife, ground cover and canopy assessment, conservation strategies applied, equipments used while monitoring wildlife, habitat analysis as well as setting back and advancing succession for managing wildlife.



**College Name: Sri Venkateswara College**

**ACTIVITY: Faculty Development Program**

**Date:** 19<sup>th</sup> February 2018 **Time:** NA **Venue:** Jim Corbett park **Criterion No:** ~~I/III~~ / II/ ~~V/VII~~

| Sr. No. | Name of the participant    | Group | Signature |
|---------|----------------------------|-------|-----------|
| 1.      | Dr. Jyoti Arora            |       |           |
| 2.      | Dr. Renu Gupta             |       |           |
| 3.      | Dr. Shivani Tyagi          |       |           |
| 4.      | Dr. Chaitali Ghosh         |       |           |
| 5.      | Dr. Thoudam Regina         |       |           |
| 6.      | Dr. Neeti Pandey           |       |           |
| 7.      | Dr. Radhika Warikoo        |       |           |
| 8.      | Dr. Nimita Kant            |       |           |
| 9.      | Dr. A. Vineetha            |       |           |
| 10.     | Dr. Vagisha Rawal          |       |           |
| 11.     | Dr. Nidhi Garg             |       |           |
| 12.     | Dr. Vatsala Dwivedi        |       |           |
| 13.     | Dr. Jyoti Singh            |       |           |
| 14.     | Dr. Vartika Mathur         |       |           |
| 15.     | Prof. Mallikarjun Shakarad |       |           |
| 16.     | Mr. Surender Mehra         |       |           |
| 17.     | Mr. K.S. Jaychandran       |       |           |

Name of the Teacher and signature

Head of the Department



**SRI VENKATESWARA COLLEGE**  
(University of Delhi)

**Internal Quality Assurance Cell**

**Chairperson**

Prof C. Sheela Reddy  
Principal  
Sri Venkateswara College

**IQAC Coordinator**

Dr. N. Latha  
Department of Biochemistry

**External Members**

Prof Debi P Sarkar  
Department of Biochemistry  
University of Delhi South  
Campus

Prof Alo Nag  
University of Delhi South  
Campus

Dr. Gitanjali Yadav  
NIPGR, Delhi

**Internal Members**

Dr. Meenakshi Bharat  
Department of English

Dr. Lalitha Josyula  
Department of Electronics

Dr. Namita Pandey  
Department of Political  
Science

Dr. A. K. Chaudhary  
Department of Physics

Dr. K.C. Singh  
Department of Physics

Dr. Swarn Singh  
Department of Mathematics

Dr. Neeraj Sahay  
Department of History

Dr. Vartika Mathur  
Department of Zoology

Dr. Shruti Mathur  
Department of Commerce

Dr. Padma Priyadarshini  
Department of Sociology

Dr. Nimisha Sinha  
Department of Biochemistry

Shri D. Venkat Ramana  
I.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)  
Dhaura Kuan, New Delhi-110021

*C. Sheela Reddy*

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

Website : [www.svc.ac.in](http://www.svc.ac.in)

E-mail : [iqac@svc.ac.in](mailto:iqac@svc.ac.in)